

金沢大学理学部論文および著書目録

LIST OF PUBLICATIONS

FACULTY OF SCIENCE
KANAZAWA UNIVERSITY

No. 5

(1975—1979)



金 沢 大 学 理 学 部

金 沢 市 丸 の 内 1 の 1

FACULTY OF SCIENCE
KANAZAWA UNIVERSITY

1 Marunouchi, Kanazawa 920, Japan

1 9 8 0

本目録は1975-1979年の5年間における金沢大学理学部において行われた業績の目録であって、1975年に発行したNo.4(1970-1974)に続くものである。No.5はNo.4の体裁にならない理学部全業績について通し番号を付した。ただし前号までは専門雑誌等に掲載された総説・解説等を著書の項に入れていたが、今回はこれを分離した。

* 印は他部門で登録された業績と同一のものであることを示す。

目 次

論 文	<i>Original Articles</i>	1
数 学	<i>Mathematics</i>	1
物 理 学	<i>Physics</i>	6
化 学	<i>Chemistry</i>	14
生 物 学	<i>Biology</i>	32
地 学	<i>Earth Sciences</i>	45
能登臨海実験所	<i>Noto Marine Laboratory</i>	56
電波物性研究施設	<i>Institute for Spectroscopic Study of Matter</i> ...	57
低レベル放射能実験施設	<i>Low Level Radioactivity Laboratory</i>	61
総説, 解説	<i>Review Articles</i>	64
著 書	<i>Books</i>	72
著者索引	<i>Author Index</i>	81

← 論 文 Original Articles →

数 学 Mathematics

1972 追 加

1587. WATANABE, Chikara: A Note on a Runge Pair. *Ann. Sci. Kanazawa Univ.*, **9**, 63 (1972).
1588. WATANABE, Chikara: A Theorem on a Quasi-Order of Some Irreducible Analytic Set. *Ann. Sci. Kanazawa Univ.*, **9**, 67 (1972).

1974 追 加

1589. WATANABE, Chikara: On Normality of a Family of Holomorphic Functions. *Publ. RIMS, Kyoto Univ.*, **9**, 631 (1974).

1975

1590. AKAZA, Tohru and Eiichi SAKAI: Singular Sets of Some Infinitely Generated Kleinian Groups. *Kōdai Math. Sem. Rep.*, **26**, 485 (1975).
1591. IMADA, Naotaka: An Asymptotic Solution of a Second-Order Linear Differential Equation. *Journal of Mathematical Analysis and Applications*, **52**, 322 (1975).
1592. IMAI, Akira: On Embedding Dimensions of Quotient Singularities. *Sci. Rep. Kanazawa Univ.*, **20**, 1 (1975).
1593. KITAHARA, Haruo and Shinsuke YOROZU: Sur l'Homomorphisme de Chern-Weil Local et ses Applications au Feuilletage. *C. R. Acad. Sci. Paris*, **281**, 703 (1975).

1594. KITAHARA, Haruo and Shinsuke YOROZU: A Formula for the Normal Part of the Laplace-Beltrami Operator on the Foliated Manifold. *Pacific J. Math.*, **69**, 425 (1975).
1595. NAGASAWA, Ryoichi: Some Remarks on One-Dimensional Local Domains. *Publ. RIMS, Kyoto Univ.*, **11**, 21 (1975).
1596. NAKAGOSHI, Norikata: On Indices of Unit Groups Related to the Genus Number of Galois Extensions. *Sci. Rep. Kanazawa Univ.*, **20**, 7 (1975).
1597. TAKAHASHI, Shigeru: Probability Limit Theorems for Trigonometric Series. *Colloq. Math. Soc. János Bolyai (Proceeding of Limit Theorems of Probability Theory, Keszthely (Hungary) 1974)*, **11**, 381 (1975).
1598. TAKAHASHI, Shigeru: A Statistical Property of the Walsh Functions. *Studia Sci. Math. Hungar.*, **7**, 93 (1975).
1599. TAKAHASHI, Shigeru: On the Law of the Iterated Logarithm for Lacunary Trigonometric Series. *Tôhoku Math. J.*, **27**, 391 (1975).

1976

1600. FURUSAWA, Harushi and Tohru AKAZA: On a Necessary Condition for the Principal Circle Groups to be Discrete. *Sci. Rep. Kanazawa Univ.*, **21**, 125 (1976).
1601. FURUTA, Yoshiomi: On Nilpotent Factors of Congruent Ideal Class Groups of Galois Extension. *Nagoya Math. J.*, **62**, 13 (1976).
1602. ISHIMOTO, Hiroyasu: On the Classification of Some $(n-3)$ -Connected $(2n-1)$ -Manifolds. *Publ. RIMS, Kyoto Univ.*, **11**, 723 (1976).
1603. KITAHARA, Haruo and Shinsuke YOROZU: A Generalized Godbillon-Vey Invariant for a Subbundle which is not Integrable. *Ann. Sci. Kanazawa Univ.*, **13**, 33 (1976).
1604. KITAHARA, Haruo and Shinsuke YOROZU: On the Cohomology Groups of Manifold with a Non-Integrable Subbundle. *Proc. Amer. Math. Soc.*, **59**, 201 (1976).

1605. UENO, Kazuyoshi: On Pseudoconvexity of Fibre Bundles. *Sci. Rep. Kanazawa Univ.*, **21**, 1 (1976).
1606. WATANABE, Chikara: A Remark on the Theorem of Fridmann. *Ann. Sci. Kanazawa Univ.*, **13**, 41 (1976).

1977

1607. FURUTA, Yoshiomi: Note on Class Number Factors and Prime Decompositions. *Nagoya Math. J.*, **66**, 167 (1977).
1608. IMADA, Naotaka: A Remark on the Degree of Monotone Approximation. *Memoirs of the College of Liberal Arts, Kanazawa Medical University*, **5**, 67 (1977).
1609. ISHII, Shihoko: Some Projective Contraction Theorems. *Manuscripta Math.*, **22**, 343 (1977).
1610. ISHISAKI, Kiichi: Jackson-Type Estimates for Monotone Approximation. *Proc. Japan Acad.*, **53**, 171 (1977).
1611. KOJIMA, Michitaka: On the Almost Everywhere Convergence of Rectangular Partial Sums of Multiple Fourier Series. *Sci. Rep. Kanazawa Univ.*, **22**, 163 (1977).
1612. NAGAMINE, Shin-ichi: Über die Geodätisch Konvexen Vektorfelder. *Collected Papers of Jubilation in 20th Celebration of the Foundation of Kanazawa Institute of Technology* (金沢工業大学創立20年記念論文集), 367 (1977).
1613. SUZUKI, Kan-ichi: On the Pointwise “o” Saturation Theorem for Positive Convolution Operators. *Sci. Rep. Kanazawa Univ.*, **22**, 1 (1977).

1978

1614. 赤座 暢 : Hausdorff Dimension and Poincaré Dimension for the Schottky Cusp. 数理解析研究所講究録, **318**, 99 (1978).
AKAZA, Tohru: Hausdorff Dimension and Poincaré Dimension for the Schottky Cusp. *Colloquium of the Research Institute for Mathematical*

Sciences, **318**, 99 (1978).

1615. 古沢治司：放物的変換をもつ Klein 群の Hausdorff 次元について. 数理解析研究所講究録, **318**, 115 (1978).
FURUSAWA, Harushi: On the Hausdorff Dimension of Kleinian Groups with Parabolic Elements. *Colloquium of the Research Institute for Mathematical Sciences*, **318**, 115 (1978).
1616. FURUSAWA, Harushi and Tohru AKAZA: On the Hausdorff Dimension of Kleinian Groups with Parabolic Elements. *Sci. Rep. Kanazawa Univ.*, **23**, 31 (1978).
1617. HARITA, Mitsuru and Eiichi SAKAI: On the Continuability of Holomorphic Functions with Real Parameters. *Sci. Rep. Kanazawa Univ.*, **23**, 69 (1978).
1618. KITAHARA, Haruo and Shinsuke YOROZU: On the Čech Bicomplex Associated with Foliated Structures. *Ann. Inst. Fourier, Grenoble*, **28**, 217 (1978).
1619. NAKADA, Kiyoto and Chikara WATANABE: A Note on a Polynomial Mapping on C^n . *Ann. Sci. Kanazawa Univ.*, **15**, 19 (1978).
1620. ÔHASHI, Katsuhiko: A Note on the Functional Central Limit Theorem for Lacunary Walsh Series. *Sci. Rep. Kanazawa Univ.*, **23**, 65 (1978).
1621. SHIRAI, Susumu: On the Central Class Field Mod m of Galois Extensions of an Algebraic Number Field. *Nagoya Math. J.*, **71**, 61 (1978).
1622. TAKEGOSHI, Kenshō: Weak and Strong Pseudoconvexities. *Sci. Rep. Kanazawa Univ.*, **23**, 7 (1978).
1623. UNO, Yoshikazu: Lipschitz Functions and Convolution on Bounded Vilenkin Groups. *Sci. Rep. Kanazawa Univ.*, **23**, 1 (1978).
1624. WATANABE, Chikara: A Note on an Algebraic Divisor in C^n . *Sci. Rep. Kanazawa Univ.*, **23**, 17 (1978).

1979

1625. ISHIMOTO, Hiroyasu: Homotopy Classification of Connected Sums of

- Sphere Bundles over Spheres, I. *Proc. Japan Acad.*, **55**, Ser. A, 306 (1979).
1626. IWASA, Junkyo and Ken-ichi MIYOSHI: On the Decomposition Theorem for $(n-2)$ -Connected $2n$ -Dimensional π -Manifolds. *Sci. Rep. Kanazawa Univ.*, **24**, 1 (1979).
1627. HAYASHIDA, Kazunari: Sur l'unicité du prolongement des systèmes elliptiques dont la valeur initiale s'annule sur un sous-ensemble de mesure positive. *Annales Faculté des Sciences Toulouse sér. 5*, **1**, 33 (1979).
1628. KITAHARA, Haruo and Shinsuke YOROZU: On Some Differential Geometric Characterization of a Bundle-like Metric. *Kodai Math. J.*, **2**, 130 (1979).
1629. KITAHARA, Haruo: Remarks on Square-Integrable Basic Cohomology Spaces on a Foliated Riemannian Manifold. *Kodai Math. J.*, **2**, 187 (1979).
1630. KOJIMA, Michitaka: On the Almost Everywhere Convergence of Lacunary Spherical Partial Sums of Multiple Fourier Series. *Sci. Rep. Kanazawa Univ.*, **24**, 9 (1979).
1631. NAKAGOSHI, Norikata: The Structure of the Multiplicative Group of Residue Classes Modulo \mathfrak{p}^{M+1} . *Nagoya Math. J.*, **73**, 41 (1979).
1632. SHIRAI, Susumu: On Galois Groups of Class Two Extensions over the Rational Number Field. *Nagoya Math. J.*, **75**, 121 (1979).
1633. SHIRAI, Susumu: On the Central Ideal Class Group of Cyclotomic Fields. *Nagoya Math. J.*, **75**, 133 (1979).
1634. TAKAHASHI, Shigeru: A Version of the Central Limit Theorem for Martingales. *Proc. Japan Acad.*, **55**, 163 (1979).
1635. TAKAHASHI, Shigeru: Almost Sure Invariance Principles for Lacunary Trigonometric Series. *Tôhoku Math. J.*, **31**, 439 (1979).
1636. YOSHIDA, Jitsuo and Hiroyasu ISHIMOTO: Classification of Certain Manifolds with Sufficient Connectedness. *Sci. Rep. Kanazawa Univ.*, **24**, 61 (1979).

物 理 学 Physics

1 9 7 5

実 験

1637. KAWASAKI, Sunao, Noriyuki KOBAYASHI, Yusuke KUBOTA and Akira MIYAHARA : Compression System in ERA Device of IPP-Japan. I. System Design. *Jpn. J. Appl. Phys.*, **14**, 879 (1975).
1638. KAWASAKI, Sunao, Akira MIYAHARA and Yusuke KUBOTA : Compression of Electron Ring: the System and the Results in IPP-Japan. *IEEE Transactions on Nuclear Science*, **NS-22**, 992 (1975).

理 論

1639. KIMURA, Minoru: Possible Phases and Some Properties of the One-Dimensional Metal with the Half-Filled Band. *Prog. Theor. Phys.*, **53**, 955 (1975).
1640. KIMURA, Minoru and Hidetoshi FUKUYAMA: Critical Modes of One-Dimensional Fermi Systems. *Solid State Commun.* **17**, 381 (1975).
1641. KONISHI, Makoto and Minoru KIMURA : Renormalization Group Theory of Peierls Transition in One-Dimensional Electron-Phonon Systems. *Sci. Rep. Kanazawa Univ.*, **20**, 77 (1975).
1642. HORI, Shoichi, Tsuneo SUZUKI, Akira WAKASA and Eiji YAMADA : A Possible Interpretation of ψ -particles in the Framework of Three-Quartet Model. *Prog. Theor. Phys.*, **54**, 223 (1975).
1643. SUZUKI, Tsuneo, Seiichi TAMEIKE and Eiji YAMADA : Chiral Symmetry Breaking and $K_s^0 \rightarrow 2\pi$ Decay. *Prog. Theor. Phys.*, **54**, 504 (1975).
1644. 鈴木恒雄, 溜池誠一, 山田英二 : Null一平面上の量子化と光的荷電について. 素粒子論研究, **51**, 91 (1975).
SUZUKI, Tsuneo, Seiichi TAMEIKE and Eiji YAMADA: Quantization on the Null-Plane and Lightlike Charge. *Soryushiron Kenkyu*, **51**, 91 (1975).

1645. 川瀬英夫, 堀 尚一: KNO スケーリングの一様収束性について. 素粒子論研究, **51**, 291 (1975).
KAWASE, Hideo and Shoichi HORI: On the Uniform Convergence of KNO Scaling. *Soryusiron Kenkyu*, **51**, 291 (1975).

1976

実 験

1946. KUBOTA, Yusuke, Akira MIYAHARA and Sunao KAWASAKI: 2MV Coaxial Marx Generator for Production of Intense Relativistic Electron Beams. *Proceedings of International Conference on Energy Storage Compression and Switching, Plenum*, 63 (1976).
1647. MIYAHARA, A, T. SATO and S. KAWASAKI: A Method for Recovery of Tritium from Fusion Plasma by Radio Frequency Preferential Plugging. *Proceedings of the International Conference held at Gatlingburg Tennessee, Oct. 1-3 1975, on Radiation Effects and Tritium Technology for Fusion Reactors*, **3**, III 507 (1976).
1648. ENOMOTO, Yoshio, Masahiro ANDO, Sunao KAWASAKI, and Teiichiro YAGI: Measurements of the Electron Density of a Plasma in a Magnetic Field. *Sci. Rep. Kanazawa Univ.*, **21**, 9 (1976).
1649. NISHIZAWA, Akimitsu, Masaru MASUZAKI and Akihiro MOHRI: Electron Density Measurement of a Tokamak Plasma by an HCN-Laser Interferometer. *Jpn. J. Appl. Phys.*, **15**, 1753 (1976).

理 論

1650. SUZUKI, Tsuneo, Seiichi TAMEIKE and Eiji YAMADA: Some Remarks on Null-Plane Quantization. *Prog. Theor. Phys.*, **55**, 922 (1976).
1651. SUZUKI, Tsuneo, Yoshikazu ABE, Shoichi HORI, Eiji YAMADA and Kiwamu YAMANASHI: New Quark Model with Weak Triplet. *Phys. Rev. Lett.*, **36**, 562 (1976).
1652. ABE, Yoshikazu, Shoichi HORI, Tsuneo SUZUKI, Eiji YAMADA and Kiwamu YAMANASHI: A Sextet Model with Modified Left-Handed Current. *Phys. Lett.*, **62B**, 1207 (1976).

1653. HORI, Shoichi: Precocious KNO Scaling and Pólya-Like Distribution. *Prog. Theor. Phys.*, **55**, 1312 (1976).
1654. HORI, Shoichi, Hideo KAWASE and Masaki SHAKO: A Phenomenology of the Semi-Inclusive Reaction in Proton-Proton Collision. *Prog. Theor. Phys.*, **56**, 609 (1976).
1655. 堀 尚一, 川瀬英夫, 車古正樹: KNO スケーリングの一樣収束性について II. 素粒子研究, **52**, 331 (1976).
 HORI, Shoichi, Hideo KAWASE and Masaki SHAKO: On the Uniform Convergence of KNO Scaling II. *Soryusiron Kenkyu*, **52**, 331 (1976).

1977

実 験

1656. ISHIKAWA, Tomonori and Shin-ya MIYATANI: Electronic and Ionic Conduction in Cu_{2-s}Se , Cu_{2-s}S and $\text{Cu}_{2-s}(\text{Se}, \text{S})$. *J. Phys. Soc. Jpn.*, **42**, 159 (1977).
1657. KAWADA, Syuji and Jin-itsu NIINUMA: Curie-Weiss Behavior of the Static Dielectric Constant of the Debye Component in Ice Ih. *J. Phys. Soc. Jpn.*, **43**, 715 (1977).
1658. DESTLER, W. W., D. W. HUDGINGS, M. J. RHEE, S. KAWASAKI and V. L. GRANATSTEIN: Experimental Study of Microwave Generation and Suppression in a Non-neutral E-layer. *J. Appl. Phys.*, **48**, 3291 (1977).
1659. MOHRI, Akihiro, Masaru MASUZAKI, Kazumichi NARIHARA, Tetsuya TSUZUKI, Kaoru YAMANAKA and Kazunari IKUTA: Formation of a High-Current Relativistic-Electron-Beam Ring for Plasma Confinement. *Plasma Physics and Controlled Nuclear Fusion Research 1976* (IAEA, Vienna, 1977), Vol. III, p. 395.
1660. YATSUI, Kiyoshi, Tetsuya TSUZUKI, Mitsuyasu YATSUZUKA, Kazumichi NARIHARA, Masaru MASUZAKI and Akihiro MOHRI: Current Modulation of a Relativistic Electron Beam. *Annual Review of Institute of Plasma Physics*, April 1976–March 1977, 61.
1661. MASUZAKI, Masaru and Takashi KUNIEDA: A Reversed Field Configuration Created by a Helical Intense REB. *Proceedings of the 2nd Interna-*

tional Topical Conference on HIGH POWER ELECTRON and ION BEAM Research and Technology (Cornell University, Ithaca, New York, 1977), Vol. 1, p. 451.

1662. MOHRI, Akihiro, Kazumichi NARIHARA, Tetsuya TSUZUKI, Yūsuke KUBOTA and Masaru MASUZAKI: Intense Relativistic Electron Ring for Plasma Confinement. *Proceedings of the 2nd International Topical Conference on HIGH POWER ELECTRON and ION BEAM Research and Technology* (Cornell University, Ithaca, New York, 1977), Vol. 1, p. 459.

1663. MOHRI, Akihiro, Kazunari IKUTA and Masaru MASUZAKI: Landing of REB Ring on Equilibrium Orbit. *J. Phys. Soc. Jpn.*, **42**, 1025 (1977).

理 論

1664. ABE, Yoshikazu, Seiichi HIRATA, Shoichi HORI, Tsuneo SUZUKI, Eiji YAMADA and Kiwamu YAMANASHI: Eight Quark Model with Modified Left-Handed Currents. *Prog. Theor. Phys.*, **58**, 959 (1977).

1665. ABE, Yoshikazu, Tsuneo SUZUKI, Kiwamu YAMANASHI and Eiji YAMADA: New Weak Phenomena and Modified Left-Handed Currents. *Phys. Lett.*, **66B**, 243 (1977).

1666. YAMANASHI, Kiwamu, Eiji YAMADA, Tsuneo SUZUKI, Seiichi HIRATA and Yoshikazu ABE: B Quark Production through Left-Handed Currents and Lepton Number Nonconservation. *Phys. Lett.*, **69B**, 65 (1977).

1667. ABE, Yoshikazu, Seiichi HIRATA, Tsuneo SUZUKI, Eiji YAMADA and Kiwamu YAMANASHI: Like-Sign Dimuon Events and Implications for Weak Gauge Models. *Nucl. Phys.*, **B124**, 138 (1977).

1668. 山田英二, 堀 尚一: 富松・佐藤解の一般化 I. 素粒子論研究, **55**, 205 (1977).
YAMADA, Eiji and Shoichi HORI: On the Generalization of Tomimatsu-Sato Solutions I. *Soryusiron Kenkyu*, **55**, 205 (1977).

1669. 山崎正利, 堀 尚一: 富松・佐藤解の一般化 II. 素粒子論研究, **55**, 212 (1977).
YAMAZAKI, Masatoshi and Shoichi HORI: On the Generalization of Tomimatsu-Sato Solutions II. *Soryusiron Kenkyu*, **55**, 212 (1977).

1670. 山崎正利, 堀 尚一: 富松・佐藤解の一般化 III. 素粒子論研究, **55**, 327

(1977).

YAMAZAKI, Masatoshi and Shoichi HORI: On the Generalization of Tomimatsu-Sato Solutions III. *Soryusiron Kenkyu*, **55**, 327 (1977).

1671. 堀 尚一: 富松・佐藤解の一般化IV. 素粒子論研究, **56**, 1 (1977).
HORI, Shoichi: On the Generalization of Tomimatsu-Sato Solutions IV. *Soryusiron Kenkyu*, **56**, 1 (1977).
1672. 堀 尚一: 富松・佐藤解の一般化V. 素粒子論研究, **56**, 42 (1977).
HORI, Shoichi: On the Generalization of Tomimatsu-Sato Solutions V. *Soryusiron Kenkyu*, **56**, 42 (1977).
1673. 堀 尚一: 富松・佐藤解の一般化VI. 素粒子論研究, **56**, 48 (1977).
HORI, Shoichi: On the Generalization of Tomimatsu-Sato Solutions VI. *Soryusiron Kenkyu*, **56**, 48 (1977).

1978

実 験

1674. YAMAGATA, Yukio, Atsunori YAMASHITA and Katsuhiro INOMATA: Dehydration Condensation by Spark Discharges: I. Diglycine and Triglycine Synthesis in Aqueous Solution of Glycine by Spark Discharges at the Surface. *Origin of Life, Proceedings of the 2nd ISSOL Meeting (ed. by H. NODA)*, Japan Scientific Societies Press, 217 (1978).
1675. YAMAGATA, Yukio and Ayanori YAMAKAWA: Dehydration Condensation by Spark Discharges: II. AMP Synthesis in Aqueous Solution of Adenosine and Inorganic Phosphate by Spark Discharges. *Origin of Life, Proceedings of the 2nd ISSOL Meeting (ed. by H. NODA)*, Japan Scientific Societies Press, 221 (1978).
1676. KAWADA, Syuji: Dielectric Anisotropy in Ice Ih. *J. Phys. Soc. Jpn.*, **44**, 1881 (1978).
1677. HIROE, A, T. SATO, T. WATARI, S. HIDEKUMA, R. KUMAZAWA, K. ADATI, T. SHOJI, S. KAWASAKI, A. MIYAHARA, K. AKAISHI, Y. KUBOTA, N. WATANABE and S. MIYAKE: Experiment on Nonadiabatic rf Plugging in a Cusped Field. *Phys. Fluids*, **21**, 676 (1978).
1678. KOBAYASHI, Noriyuki, Yusuke KUBOTA, Akira MIYAHARA and Sunao

KAWASAKI: Observation of Equilibrium Surface Ripples of High Intensity Relativistic Electron Beams. *Jpn. J. Appl. Phys.*, **17**, 1889 (1978).

1679. 国枝 隆, 増崎 克: 相対論的電子ビームによる逆転磁場配位. 核融合研究, **40**, 463 (1978).

KUNIEDA, Takashi and Masaru MASUZAKI: A Reversed Field Configuration by Relativistic Electron Beam. *Kakuyugo-Kenkyu*, **40**, 463 (1978).

理 論

1680. YAMAZAKI, Masatoshi: On a Family of Solutions to the Einstein-Maxwell Equations. *Phys. Lett.*, **67A**, 337 (1978).

1681. YAMAZAKI, Masatoshi: On the Taub-NUT Family of Solutions. *Phys. Lett.*, **68A**, 412 (1978).

1682. YAMAZAKI, Masatoshi: On the Charged Kerr-Tomimatsu-Sato Family of Solutions. *J. Math. Phys.*, **19**, 1376 (1978).

1683. YAMAZAKI, Masatoshi: On the Kerr-Tomimatsu-Sato Family of Solutions with Nonintegral Distortion Parameter. *J. Math. Phys.*, **19**, 1847 (1978).

1684. 堀 尚一: 多重発生における Kinematical Correlation について I. 素粒子論研究, **57**, 363 (1978).

HORI, Shoichi: On the Kinematical Correlations in Multiple Production I. *Soryusiron Kenkyu*, **57**, 363 (1978).

1685. HORI, Shoichi: On the Exact Solution of Tomimatsu-Sato Family for an Arbitrary Integral Value of the deformation Parameter. *Prog. Theor. Phys.*, **59**, 1870 (1978).

1686. OTSUBO, Noriyasu, Seiichi TAMEIKE, Hiroshi TAMURA and Eiji YAMADA: A Comment of Spontaneous Breaking of Chiral Symmetry. *Prog. Theor. Phys.*, **60**, 1849 (1978).

1687. YAMANASHI, Kiwamu, Takashi OKAZAKI and Eiji YAMADA: Search for N_e in $e^- \mu^+$ Events at PETRA and PEP Energies. *Phys. Lett.*, **74B**, 101 (1978).

1688. LESCHKE, Hajo, Allen C. HIRSHFELD and Tsuneo SUZUKI: Dyson-Wick Expansions for Non-Linear Bose Systems. *Phys. Lett.*, **67A**, 87 (1978).

1689. LESCHKE, Hajo, Allen C. HIRSHFELD and Tsuneo SUZUKI: Canonical Perturbation Theory for Non-Linear Systems. *Phys. Rev.*, **D18**, 2834 (1978).

1979

実 験

1690. MIYATANI, Shin-ya, Yuichi MIURA and Hirokazu ANDO: Mixed Conduction in AgCuSe. *J. Phys. Soc. Jpn.*, **46**, 1825 (1979).
1691. MIYATANI, Shin-ya, Senzi MORI and Mihiro YANAGIHARA: Phase Diagram and Electrical Properties of $Cu_{2-x}Te$. *J. Phys. Soc. Jpn.*, **47**, 1152 (1979).
1692. YAMAGATA, Yukio, Tohru MATSUKAWA, Tatzuma MOHRI and Katsuhiko INOMATA: Phosphorylation of Adenosine in Aqueous Solution by Electric Discharges. *Nature*, **282**, 284 (1979).
1693. KAWADA, Syuji: Dielectric Properties of Heavy Ice Ih (D_2O Ice). *J. Phys. Soc. Jpn.*, **47**, 1850 (1979).
1694. KAWASAKI, S., and A. Miyahara: System Design of Heavy Ion Fusion Experiment. *IEEE Transactions on Nuclear Science*, **NS-26**, 3109 (1979).
1695. KOBAYASHI, N., A. MIYAHARA and S. KAWASAKI: Equilibrium and Destruction of a REB in a Magnetic Guide. *IEEE Transactions on Nuclear Science*, **NS-26**, 4205 (1979).
1696. 都築哲哉, 増崎 克, 毛利明博: 異種の誘電体が共存する場合の静電ポテンシアルの計算機による解法. 核融合研究, **41**, 107 (1979).
TSUZUKI, Tetsuya, Masaru MASUZAKI and Akihiro MOHRI: A Computational Method for Electrostatic Potential Calculation for the Case with Several Coexisting Dielectrics. *Kakuyugo-Kenkyu*, **41**, 107 (1979).
1697. 都築哲哉, 毛利明博, 成原一途, 久保田雄輔, 藤若節也, 増崎 克: Phoebus-II REB 発生装置. 核融合研究別冊, **41**, 別冊その1, 1 (1979).
TSUZUKI, Tetsuya, Akihiro MOHRI, Kazumichi NARIHARA, Yūsuke KUBOTA, Setsuya Fujiwaka and Masaru MASUZAKI: REB Generator PHOEBUS-II. *Supplement of Kakuyugo-Kenkyu*, **41**, Pt. 1, 1 (1979).

1698. 増崎 克：金沢大理に於けるイオンの集団加速の実験. 核融合研究別冊, **41**, 別冊その1, 81 (1979).
MASUZAKI, Masaru: Experiments on Collective Ion Acceleration. *Supplement of Kakuyugo-Kenkyu*, **41**, Pt. 1, 81 (1979).
1699. YATSUI, Kiyoshi, Mitsuyasu YATSUZUKA, Tsuneyuki FUJII, Masahiro, YOKOYAMA, Masaru MASUZAKI, Tetsuya TSUZUKI, Kazumichi NARIHARA and Akihiro MOHRI: Plasma Heating by a Modulated Relativistic Electron Beam-Plasma Interaction. *Phys. Lett.*, **73A**, 321 (1979).
1700. MOHRI, Akihiro, Kazumichi NARIHARA, Tetsuya TSUZUKI, Yûsuke KUBOTA, Yukihiko TOMITA, Kazunari IKUTA and Masaru MASUZAKI: Experiments on Plasma Confinement by Relativistic-Electron-Beam Ring. *Plasma Physics and Controlled Nuclear Fusion Research 1978*. (IAEA, Vienna, 1979), Vol. III, p. 311.
- 2055*. DOHATA, Hisao, Yasuaki HIWATARI and Shin-ichi MATSUOKA: Temperature Dependence of the Refractive Indices in the Nematic Phase of 4, 4'-Azoxyanisole. *Jpn. J. Appl. Phys.*, **18**, 393 (1979).

理 論

1701. HIWATARI, Yasuaki: Molecular Dynamics Studies of the Low-Temperature Amorphous Soft-Core Systems. *J. Phys. Soc. Jpn.*, **47**, 733 (1979).
1702. SUZUKI, Tsuneo: A Chiral and Gauge Invariant Regularization for Axial-Vector Currents. *Phys. Rev.*, **D20**, 1442 (1979).
1703. SUZUKI, Tsuneo: A Scale Invariant Regularization for Q.E.D.. *Phys. Lett.*, **86B**, 34 (1979).
1704. 堀 尚一, 永田正夫: 多重発生における Kinematical な Correlation について II. 素粒子論研究, **60**, 39 (1979).
HORI, Shoichi and Masao NAGATA: On the Kinematical Correlations in Multiple Production II. *Soryusiron Kenkyu*, **60**, 39 (1979).

化 学 Chemistry

1970 追 加

無 機

1705. UEHARA, Akira, Eishin KYUNO and Ryokichi TSUCHIYA: Preparation of Chromium (III) and Cobalt (III) Complexes with *l*-Leucine-*N,N*-diacetic Acid. *Bull. Chem. Soc. Jpn.*, **43**, 414 (1970).
1706. TSUCHIYA, Ryokichi, Kiyoko MURAI, Akira UEHARA and Eishin KYUNO: Derivatographic Studies on Transition Metal Complexes. III. The Thermal *trans-cis* Isomerization of $[\text{CoCl}_2\text{pn}_2] (\text{H}_5\text{O}_2)\text{Cl}_2$ in Solid-phase. *Bull. Chem. Soc. Jpn.*, **43**, 1383 (1970).
1707. UEHARA, Akira, Eishin KYUNO and Ryokichi TSUCHIYA: Effect of Some Metal Oxides on the Specific Resistivities of Magnesium Oxide. *Bull. Chem. Soc. Jpn.*, **43**, 1988 (1970).

1974 追 加

放 射

1708. SAKANOUÉ, Masanobu and Mitsuo YOSHIOKA: Uranium-Series Dating of Bone Samples from the Amud Cave Site. *Daiyonki-Kenkyū (Quaternary Research)*, **13**, 220 (1974).

1975

理 論

1709. FUJITA, Kazuyoshi, Masahiko SUHARA and Akira SADO: The Calculation of the Temperature Dependence of NQR Frequencies in Chlorine and α -Nitrogen Crystals. *J. Magnetic Resonance*, **17**, 314 (1975).

分 析

1710. 木羽敏泰, 寺田喜久雄, 本浄高治, 松本 健, 飴野 清: 濃度相関マトリクスによる河底でい試料の相関性の検討. *分析化学*, **24**, 18 (1975).

KIBA, Toshiyasu, Kikuo TERADA, Takaharu HONJO, Ken MATSUMOTO and Kiyoshi AMENO: Genetic Relationships among Samples of River Sediments with the Aid of Concentration Correlation Matrix. *Bunseki Kagaku*, **24**, 18 (1975).

1711. 木羽敏泰, 松本 健, 清水源治: 高純度金属カドミウム中の酸化カドミウムの定量. 分析化学, **24**, 116 (1975).
KIBA, Toshiyasu, Ken MATSUMOTO and Genji SHIMIZU: Determination of Cadmium Oxide in and on the Surface of High Purity Cadmium Metal. *Bunseki Kagaku*, **24**, 116 (1975).
1712. 松本 健: 試料処理法としての凍結乾燥. 環境と測定技術, **2**, 20 (1975).
MATSUMOTO, Ken: Freeze-Drying as the Method of Treatment of Samples. *Kankyo to Sokutei Gijutsu*, **2**, 20 (1975).
1713. HONJO, Takaharu, Toshiyuki, UNEMOTO and Toshiyasu KIBA: The Back-extraction Behavior of Chelate Compounds. II. Some Aspects of the Secondary Dithizonate of Copper. *Bull. Chem. Soc. Jpn.*, **48**, 1651 (1975).
1714. TERADA, Kikuo, Tomiko Ooba and Toshiyasu KIBA: Separation and Determination of Selenium in Rocks, Marine Sediments and Plankton by Direct Evolution with Bromide-Condensed Phosphoric Acid Reagent. *Talanta*, **22**, 41 (1975).
1715. TERADA, Kikuo, Ken MATSUMOTO and Toshiyasu KIBA: Neutron-Activation Analysis of Selenium, Osmium and Ruthenium in Rocks, Sediments and Biological Materials by Successive Distillation with Three Kinds of Strong Phosphoric Acid Reagents. *Bull. Chem. Soc. Jpn.*, **48**, 2567 (1975).

無 機

1716. TSUCHIYA, Ryokichi, Yasushi NATSUME, Akira UEHARA and Eishin KYUNO: Derivatographic Studies on Transition Metal Complexes. XIV. Thermal Isomerization of *trans*-[CoBr₂pn₂] (H₅O₂)Br₂ in Solid Phase. *Thermochim. Acta*, **12**, 147 (1975).
1717. TSUCHIYA, Ryokichi, Tsutomu OHKI, Akira UEHARA and Eishin KYUNO: Derivatographic Studies on Transition Metal Complexes. XV. Thermal Isomerization of *trans*-[CrBr₂pn₂] Br·H₂O in Solid Phase. *Thermo-*

chim. Acta, **12**, 413 (1975).

1718. TSUCHIYA, Ryokichi, Katsuhide MANZAKI, Shigeru SEKIYA, Akira UEHARA and Eishin KYUNO: Derivatographic Studies on Transition Metal Complexes. XVI. Thermal Chelation of Na[CoX (Hedta or Hpdta)] and [CoX (Hgly) en₂]X₂ (X=Cl⁻ or Br⁻) Type Complexes in Solid Phase. *Bull. Chem. Soc. Jpn.*, **48**, 2805 (1975).
1719. EBINA, Fujio, Eishin KYUNO, Akira UEHARA and Ryokichi TSUCHIYA: Preparation and Stereochemistry of the Cobalt (III) Complexes with *N,N'*-Polymethylenedi (salicylideneamine) and Its Related Compounds. *Bull. Chem. Soc. Jpn.*, **48**, 3120 (1975).

錯 体

1720. KOJIMA, Yoshihiro: Stereoisomers of the Bis (L-hydrogenaspartato)-trimethylenediaminecobalt (III) Complex. *Bull. Chem. Soc. Jpn.*, **48**, 2033 (1975).
1721. KOBAYASHI, Kazuhiro and Muraji SHIBATA: Ion-exchange Chromatographic Studies of the [Co (N)₄(O)₂]⁺-type Complexes. *Bull. Chem. Soc. Jpn.*, **48**, 2561 (1975).
1722. NAKASHIMA, Shoji and Muraji SHIBATA: The Preparation and Absorption Spectra of the Cyanocarbonatotriammine- and Cyanooxalato-triammine-type Complexes of Cobalt (III). *Bull. Chem. Soc. Jpn.*, **48**, 3128 (1975).
1723. ITO, Teiichi and Muraji SHIBATA: Three Isomers of Dinitrooxalatodiamminecobaltate (III) Complex. *Chem. Lett.*, 375 (1975).
1724. KASHIWABARA, Kazuo, Toshimasa YAMANAKA Kazuo SAITO, Naoto KOMATSU, Nobuhito HAMADA, Hiroaki NISHIKAWA and Muraji SHIBATA: Isolation and Circular Dichroism of the Isomers of Dicyanobis [(R,R)-1,2-cyclohexanediamine] and bis [(S)-propylenediamine] cobalt (III) Complexes. *Bull. Chem. Soc. Jpn.*, **48**, 3631 (1975).

放 射

1725. AMANO, Ryohei, Hiroki NIO and Masanobu SAKANOUÉ: Anomaly of Europium Found in Hot Atom Chemical Studies of Solid Lanthanoid Depivaloylmethanate Complexes. *Radiochem. Radioanal. Lett.*, **23**, 63

(1975).

1726. 安東 醇, 久田欣一, 坂本 浩, 代田悦章: ^{167}Tm のがんおよび骨親和性. *Radioisotopes*, **24**, 109 (1975).
ANDO, Atsushi, Kinichi HISADA, Koh SAKAMOTO and Yoshiaki SHIROTA: Affinity of ^{167}Tm for Malignant Tumor and Bone. *Radioisotopes*, **24**, 109 (1975).
1727. ANDO, Atsushi, Kinichi HISADA, Koh SAKAMOTO and Yoshiaki SHIROTA: Affinity for a Malignant Tumor and Bone of Thulium-167. *The Japanese Journal of Nuclear Medicine*. **12**, 143 (1975).
1728. 安東 醇, 久田欣一, 代田悦章, 坂本 浩: 高比放射能 Tm-167 の製造とその癌および骨親和性の研究 (II). 東北大学理学部原子核理学研究施設 (核理研) 研究報告, **8**, 193 (1975).
ANDO, Atsushi, Kinichi HISADA, Yoshiaki SHIROTA and Koh SAKAMOTO: Production of a High Specific-Activity Tm-167 and its Affinity to Bone and Tumor (II). *Res. Rep. Lab. Nucl. Sci. Tohoku Univ.*, **8**, 193 (1975).
1729. HAMPEL, W., Jinzaburo TAKAGI, Koh SAKAMOTO and Shigeo TANAKA: Measurement of Muon-Induced ^{26}Al in Terrestrial Silicate Rock. *J. Geophys. Res.*, **80**, 3757 (1975).
1730. 中西 孝: 頑火輝石中の荷電粒子飛跡の正確な長さ測定の試み. *Radioisotopes*, **24**, 65 (1975).
NAKANISHI, Takashi: An Accurate Measurement of Charged-Particle Track Lengths in Enstatite. *Radioisotopes*, **24**, 65 (1975).
1731. MATSUDA, Hiroshi and Masanobu SAKANOUÉ: Some Characteristics of Low Energy Photon Spectrometer (LEPS) and its Applications to Radiochemical Studies of Zircon. *Sci. Rep. Kanazawa Univ.*, **20**, 87 (1975).
1732. OKUBO, Takashi and Masanobu SAKANOUÉ: Radioactive Disequilibrium of Thorium Series Nuclides in Hot Spring Deposit. *Geochem. J.*, **9**, 221 (1975).
1733. SAKAMOTO, Koh, Yoshiaki SHIROTA, Atsushi ANDO and Kinichi HISADA: Photo-Production of High Specific Activity Thulium-167 for Medical Use. *The Japanese Journal of Nuclear Medicine*, **12**, 128 (1975).

1734. SHIROTA, Yoshiaki and Masanobu SAKANOUÉ: The Isotope Effect on Ytterbium Recoil Atoms from Neutron Irradiated Tris-(Divaloyl-methano) Ytterbium (III). *Radiochem.-Radioanal.-Lett.*, **23**, 111 (1975).
1735. TANAKA, Shigeo, Koh SAKAMOTO, Kazuhisa KOMURA and Mitiaki FURUKAWA: Production of ^{26}Al from α -Particle Bombardment of Mg, Al and Si. *J. Inorg. Nucl. Chem.*, **37**, 2002 (1975).

生 化

1736. TAKEMORI, Shigeki, Katsuko SUHARA, Shoei HASHIMOTO, Masaharu HASHIMOTO, Hiroshi SATO, Tomoharu Gomi and Masayuki KATAGIRI: Purification of Cytochrome P-450 from Bovine Adrenocortical Mitochondria by an "Aniline-Sepharose" and the Properties. *Biochem. Biophys. Res. Commun.*, **63**, 588 (1975).
1737. TAKEMORI, Shigeki, Hiroshi SATO, Tomoharu GOMI, Katsuko SUHARA and Masayuki KATAGIRI: Purification and Properties of Cytochrome P-450_{11 β} from Adrenocortical Mitochondria. *Biochem. Biophys. Res. Commun.*, **67**, 1151 (1975).
1738. SUHARA, Katsuko, Shigeki TAKEMORI, Masayuki KATAGIRI, Keichiro WADA, Hiroko KOBAYASHI and Hiroshi MATSUBARA: Estimation of Labile Sulfide in Iron-Sulfur Proteins. *Anal. Biochem.*, **68**, 623 (1975).

1976

理 論

1739. 植田直隆, 青野茂行: 一般化された Hartree-Fock 理論. 物性研究, **26**, 235 (1976).
UEDA, Naotaka and Shigeyuki AONO: Generalized Hartree-Fock Theory. *Bussei Kenkyu*, **26**, 235 (1976).

有 機

1740. KOTAKE, Hiroshi, Katsuhiko INOMATA, Yasue MURATA, Hideki KINOSHITA and Masahiro KATSURAGAWA: The Reaction of 3,4-Dibromosulfolane with Amines. A New Method for the Preparation of Biotin Precursor. *Chem. Lett.*, 1073 (1976).

1741. KOTAKE, Hiroshi, Hideki KINOSHITA, Katsuhiko INOMATA and Hiroshi MASUDA: A General Synthetic Method for 1-Substituted 1,4-Dihydro-3(2H)-isoquinolinones. *Bull. Chem. Soc. Jpn.*, **49**, 3365 (1976).

分 析

1742. 安東 醇, 久田欣一, 安東逸子, 寺田喜久雄: 周期律第Ⅶ族元素のがんおよび臓器親和性. *Radioisotopes*, **25**, 706 (1976)
ANDO, Atsushi, Kinichi HISADA, Itsuko ANDO and Kikuo TERADA: Affinity for a Malignant Tumor and Organs at the Elements in Group VII of the Periodic Table. *Radioisotopes*, **25**, 706 (1976).
1743. 木羽敏泰, 松本 健: 多成分濃度相関マトリックスを用いる温泉水の相互関係の解析. 温泉の開発, **18**, 1 (1976).
KIBA, Toshiyasu and Ken MATSUMOTO: Generic Relationships among Hot Spring Waters with the Aid of Concentration Correlation Matrix. *Onsen no Kaihatsu*, **18**, 1 (1976).

無 機

1744. TSUCHIYA, Ryokichi, Masakatsu OMOTE, Akira UEHARA and Eishin KYUNO: Derivatographic Studies on Transition Metal Complexes. XVII. Solid-phase Deaquation-anation of Some Optically Active Aqua-cobalt (III) Complexes. *Bull. Chem. Soc. Jpn.*, **49**, 1027 (1976).
1745. TSUCHIYA, Ryokichi, Eishin KYUNO, Akira UEHARA, Seiji JOBA and Shigeki OHBA: Thermal Square Planar-to-Octahedral Transformation of $[\text{Ni}(\text{bimd})_4](\text{NO}_3)_2 \cdot 2.5\text{C}_2\text{H}_5\text{OH}$ in Solid Phase. *Chem. Lett.*, 911 (1976).
1746. TSUCHIYA, Ryokichi, Hiroyasu IMAI, Akira UEHARA and Eishin KYUNO: Solid-phase Thermal Syntheses of *cis*- and *trans*- $[\text{CrBrIen}_2]\text{Z}$ (Z=I and ClO_4). *Chem. Lett.*, 1159 (1976).

錯 体

1747. TAKENAKA, Hideo and Muraji SHIBATA: Stereoselectivities in Mixed Ligand Complexes of Cobalt (III), with L-Asparagine as a Ligand. *Bull. Chem. Soc. Jpn.*, **49**, 2133 (1976).
1748. TAKENAKA, Hideto and Muraji SHIBATA: The Isolation of *Fac*(N)-D-aspartato-L-asparaginato-cobalt(III) Complex. *Chem. Lett.*, 535 (1976).

1749. NAGASAKI, Shunji and Muraji SHIBATA: The Polarized Crystal Spectra of trans(O)-[Co-(OCOCH₃)₂(en)₂]⁺ and trans(O)-[Co(OCOCH₃)₂(py)₂en]⁺. *Bull. Chem. Soc. Jpn.*, **49**, 2329 (1976).

放 射

1750. 安東 醇, 坂本 浩, 安東逸子, 中園 薫, 竹下正純, 平木辰之助, 久田欣一: ¹⁶⁷Tm による悪性腫瘍親和性の研究——動物実験を中心にして——. 東北大学理学部原子核理学研究施設(核理研)研究報告, **9**, 307 (1976).

ANDO, Atsushi, Koh SAKAMOTO, Itsuko ANDO, Kaoru NAKAZONO, Masazumi TAKESHITA, Tatsunosuke HIRAKI and Kinichi HISADA: Affinity of ¹⁶⁷Tm to Malignant Tumor —Experiment on Tumor-Implanted Rats—. *Res. Rep. Lab. Nucl. Sci. Tohoku Univ.*, **9**, 307 (1976).

1751. 久松俊一, 阪上正信: プルトニウム諸同位体の定量——特に環境試料について——. *化学*, **31**, 639 (1976).

HISAMATSU, Shunichi and Masanobu SAKANOUÉ: Determination of Various Plutonium Isotopes —Especially in Environmental Samples—. *Chemistry*, **31**, 639 (1976).

- 2056*. KOMURA, Kazuhisa, Shigeo TANAKA, Masaki UESUGI and Masanobu SAKANOUÉ: Proton Induced Reactions of ¹⁵¹Eu and ¹⁵³Eu up to Ep=52 Mev. *J. Inorg. Nucl. Chem.*, **38**, 2157 (1976).

1752. SAKANOUÉ, Masanobu: “Cosmo- and Geochemistry and Hot Atom Chemistry”, Studies of Hot Atom Chemistry by the Sublimation Method. *Institute for Atomic Energy, Rikkyo Univ.*, (IAERU)-7601, (1976).

1753. SAKANOUÉ, Masanobu and Ryohei, AMANO: Preparation of Americium and Californium Dipivaloylmethanato Complexes and Their Volatilities as Compared with Plutonium and Lanthanoide Complexes. *Transplutonium 1975*, 123–129 (1976).

1 9 7 7

理 論

1754. SEKIYA, Hiroshi, Seikyo TSUNEKAWA, Kiyoshi NISHIKAWA and Akira SADO: Theory of Two — Photon Absorption. *Sci. Rep. Kanazawa Univ.*, **22**, 21 (1977).

1755. NISHIKAWA, Kiyoshi: Exact Calculations of Franck-Condon Overlaps and of Matrix Elements of Some Potentials by Means of the Coherent State Representation. *Int. J. Quantum Chem.*, **12**, 859 (1977).

有機

1756. KOTAKE, Hiroshi, Katsuhiko INOMATA, Shin-ichi AOYAMA and Hideki KINOSHITA: A Convenient Method for the Preparation of 3-Substituted Furans. *Chem. Lett.*, 73 (1977).
1757. KOTAKE, Hiroshi, Katsuhiko INOMATA, Hideki KINOSHITA, Kumiko TANABE and Osamu MIYANO: The Reaction of Polynitroharobenzenes with Carboxylic Acids. Use of 2-Fluoro-1,3,5-trinitrobenzene (FTNB) as a New Condensing Reagent. *Chem. Lett.*, 647 (1977).
1758. KINOSHITA, Hideki and Hiroshi KOTAKE: Synthesis of a Peptide Lactone, N-(3-Hydroxypicolinyl)-threonyl-D-leucyl-prolylsarcosyl-leucyl-alanyl-alanine Threonine Lactone. *Bull. Chem. Soc. Jpn.*, **50**, 280 (1977).

分析

1759. 木羽敏泰, 赤岩英夫, 一国雅己, 小沢竹二郎, 鎌田政明, 北野 康, 重松恒信, 鈴木信男, 外林 武, 長島弘三, 西川泰治, 西村雅吉, 浜口博, 松尾 力, 村上悠紀雄, 室住 世, 森田良美, 山県 登, 山本勇麓, 綿拔邦彦: 環境分析における標準物質と分析値の精度に関する研究. 分析化学, **26**, T11 (1977).
- KIBA, Toshiyasu, Hideo AKAIWA, Masami ICHIKUNI, Takejiro OZAWA, Masaakira KAMADA, Yasudhi KIRANO, Tsunenobu SHIGEMATSU, Nobuo SUZUKI, Takeshi SOTOBAYASHI, Kozo NAGASHIMA, Yasuharu NISHIKAWA, Masakichi NISHIMURA. Hiroshi HAMAGUCHI, Tsutomu MATSUO, Yukio MURAKAMI, Masayo MUROZUMI, Yoshimi MORITA, Noboru YAMAGATA, Yuroku YAMAMOTO and Kumihiko WATANUKI: The Standard Reference Materials and the Precision of Analytical Values in Environmental Analysis. *Bunseki Kagaku*, **26**, T11 (1977).
1760. TERADA, Kikuo, Hiromi HONNAMI and Toshiyasu KIBA: A New Spectrophotometric Method for the Determination of Some Reducible Compounds by the Reduction with Chromium (II) Ion. *Bull. Chem. Soc. Jpn.*, **50**, 132 (1977).
1761. TERADA, Kikuo, Saburo HIRAKAWA and Toshiyasu KIBA: Determination of Chlorine in Rocks, Soils and Organic Materials by Heating Pow-

dered Sample in Strong Phosphoric Acid, and Some Additional Investigation on the Related Reactions. *Bull. Chem. Soc. Jpn.*, **50**, 396 (1977).

1762. TERADA, Kikuo, Akihiko INOUE, Junko INAMURA and Toshiyasu KIBA: 2-Mercaptobenzothiazole Supported on Silica Gel for the Chromatographic Concentration of Cadmium, Copper, Lead, and Zinc in Natural Water Samples. *Bull. Chem. Soc. Jpn.*, **50**, 1060 (1977).
1763. TERADA, Kikuo, Kiyooki OKUDA and Toshiyasu KIBA: Neutron Activation Analysis of Arsenic in Rocks and Sediments by Direct Evolution with Chloride- and Bromide-Condensed Phosphoric Acid Reagent. *J. Radioanal. Chem.*, **36**, 47 (1977).
1764. KIBA, Toshiyasu, Hisanori IMURA and Takaharu HONJO: Extraction of Metal Ions from Trichloroacetic Acid Solutions to Polar Solvents. *Chem. Lett.*, 805 (1977).
1765. HONJO, Takaharu, Yoshio HONDA, Tetsu MATSUMOTO, Ryumon HONDA and Toshiyasu KIBA: The Separation of Aluminium (III) and Chromium (III) as Their AcAc (acetylacetone)-Complexes, and of Cobalt (II), Copper (II), Magnesium (II), Magnesium (II), Manganese (II), Nickel (II), and Lead (II) as Their TTA (thenoyltrifluoroacetone)-Complexes, by Extraction Chromatography. *Bull. Chem. Soc. Jpn.*, **50**, 3051 (1977).
1766. HONJO, Takaharu, Yoshinori FUJIOKA, Hitoshi ITOH and Toshiyasu KIBA: Separation and Determination of Copper (II) and Iron (II) as Their Monothiothenoyltrifluoroacetone Complexes with Pyridine by Extraction Spectrophotometry and Reversed-Phase Thin-layer Chromatography. *Anal. Chem.*, **49**, 2241 (1977).
1767. HONJO, Takaharu, Ryumon HONDA and Toshiyasu KIBA: Solvent Effect on the Liquid-Liquid Distribution of Monothiothenoyltrifluoroacetone and Its Metal Chelates of Copper (II), Cobalt (II), and Zinc (II). *Anal. Chem.*, **49**, 2246 (1977).

無 機

1768. OHYAMA, Jun-ichi, Ryokichi TSUCHIYA, Akira UEHARA and Eishin KYUNO: Thermal Behavior of the Clathrate Compounds of the Type $M(\text{diam})M'(\text{CN})_4 \cdot 2\text{C}_6\text{H}_6$. *Bull. Chem. Soc. Jpn.*, **50**, 410 (1977).
1769. TSUCHIYA, Ryokichi, Tadatsugu YOSHIKUNI, Shigeo NAKAGAWA,

Akira UEHARA and Eishin KYUNO: Evidence for a Bond Rupture Mechanism in *trans*-to-*cis* Isomerization of $[\text{CrCl}_2\text{bn}_2]\text{Cl}\cdot\text{HCl}\cdot 2\text{H}_2\text{O}$ in Solid-phase. *Chem. Lett.*, 339 (1977).

1770. YOSHIKUNI, Tadatsugu, Ryokichi TSUCHIYA, Akira UEHARA and Eishin KYUNO: Derivatographic Studies on Transition Metal Complexes. XVIII. Thermal Isomerization of *cis*- $[\text{CrCl}_2\text{tn}_2]\text{Cl}\cdot 0.5\text{H}_2\text{O}$ in Solid Phase. *Bull. Chem. Soc. Jpn.*, 50, 883 (1977).

錯 体

1771. ITO, Teiichi and Muraji SHIBATA: Synthesis and Optical Resolution of *cis*, *cis*-Dicyanodicyanodiammine and *cis*, *cis*-Dinitrodicyanodiammine Complexes of Cobalt (III). *Inorg. Chem.*, 16, 108 (1977).
1772. IDA, Yayoi, Shuhei FUJINAMI and Murai SHIBATA: Synthesis and Absorption Spectra of the $[\text{Co}(\text{O}-\text{O})_2\text{-(py)}_2]^-$ -type Complexes. *Bull. Chem. Soc. Jpn.*, 50, 2665 (1977).
1773. MURAMOTO, Satoru and Muraji SHIBATA: The Isolation of Optically Active Complex of Lithium *cis*-Diamminedicarbonatocobaltate (III). *Chem. Lett.*, 1499 (1977).
1774. IDA, Yayoi, Masaharu SAKAI, Shigeru SAKAI and Muraji SHIBATA: The Preparation of Mixed Carbonato Complexes of Cobalt (III) with 2-Pyridinecarboxylic Acid. *Bull. Chem. Soc. Jpn.*, 50, 2807 (1977).

放 射

1775. 久田欣一, 鈴木 豊, 安東 醇, 坂本 浩, 代田悦章: ^{167}Tm の製造とそのがんおよび骨親和性の研究. 成人病の研究, 2, 50 (1977).
HISADA, Kinichi, Yutaka SUZUKI, Atsushi ANDO, Koh SAKAMOTO and Yoshiaki SHIROTA: Production of Carrier-Free ^{167}Tm and its Affinity to Tumor and Bone. *Adult Disease Research (Seijin-byo no Kenkyu)*, 2, 50 (1977).
1776. 三橋俊彦, 阪上正信: 牛乳中の ^{90}Sr と ^{90}Y 溶媒抽出による定量. *Radioisotopes*, 26, 673 (1977).
MITSUHASHI, Toshihiko and Masanobu SAKANOUÉ: Determination of ^{90}Sr and ^{90}Y in Milk by Using Solvent Extraction Method. *Radioisotopes*, 26, 673 (1977).

1777. NAKANISHI, Takashi, Mikiko ÔHASHI, Michiko, HIGASHI and Masanobu SAKANOUÉ: Radiochemical Studies of Deep-sea Manganese Nodules. *Sci. Rep. Kanazawa Univ.*, **22**, 31 (1977).
1778. NAKANISHI, Takashi and Bruno SANSONI: Low-energy Photon Spectrometry in Nondestructive Neutron Activation Analysis of Environmental Samples. *J. Radioanal. Chem.*, **37**, 945 (1977).
1779. NISHIWAKI, Yashushi, Yûitiro KIMURA, Yoshihide HONDA, Akemi KÔBAYASHI and Masanobu SAKANOUÉ: Studies on Radioecological Concentration Processes in the Aquatic Environments, -Uptake and Retention of Am-241 by Fish-. "Proceedings of IVth International Congress of International Radiation Protection Association", **2**, 641 (1977).
1780. SAKAMOTO, Koh, Yoshiaki SHIROTA, Kaoru NAKAZONO, Kazuhisa KOMURA, Atsushi ANDO and Kinichi HISADA: Photon and Charge-Particle Productions of Carrier-Free Tm-167 for Medical Use. *Journal of Labelled Compounds and Radiopharmaceuticals*, **13**, 191 (1977).
1781. 阪上正信, 下沢秀夫, 関根 勉, 中村富郎: ライナック照射, 昇華分離法を用いたウラニルジピバロイルメタン錯体の研究. 東北大学理学部原子核理学研究施設(核理研)研究報告, **10**, 260 (1977).
SAKANOUÉ, Masanobu, Hideo SHIMOZAWA, Tsutomu SEKINE and Tomio NAKAMURA: Studies on Dipivaloylmethanato Complexes by Using LINAC Irradiation and Sublimation Separation Method. *Res. Rep. Lab. Nucl. Sci. Tohoku Univ.*, **10**, 260 (1977).
1782. SAKANOUÉ, Masanobu, Yoshiaki SHIROTA, Hideo SHIMOZAWA and Kenji YOSHIHARA: Radiochemical Synthesis of Promethium Dipivaloylmethanate. *Radiochim. Acta*, **24**, 77 (1977).

生 化

1783. KOIZUMI, Shoichi, Seizo KYOYA, Toshio MIYAWAKI, Hiroshi KIDANI, Takashi FUNABASHI, Hironori NAKASHIMA, Yasuji NAKAMURA, Foroku OHTA, Eiji ITAGAKI and Masayuki KATAGIRI: Cholesterol Side-Chain Cleavage Enzyme Activity and Cytochrome P-450 Content in Adrenal Mitochondria of a Patient with Congenital Lipoid Adrenal Hyperplasia (Prader Disease). *Clinica Chemica Acta*, **77**, 301 (1977).

1978

理 論

1784. TOMODA, Akio, Kazu SUGIMOTO, Masahiko SUHARA, Masazumi TAKE-SHITA and Yoshimasa YONEYAMA: Haemichrome Formation from Haemoglobin Subunits by Hydrogen Peroxide. *Biochem. J.*, **171**, 329 (1978).

有 機

1785. INOMATA, Katsuhiko, Shin-ichi AOYAMA and Hiroshi KOTAKE: New Methods for the Preparation of 3-Substituted Furans. *Bull. Chem. Soc. Jpn.*, **51**, 930 (1978).
1786. INOMATA, Katsuhiko, Hideki KINOSHITA, Hirohiko FUKUDA, Kumiko TANABE and Hiroshi KOTAKE: The Reactions of 2-Fluoro-1,3,5-trinitrobenzene (FTNB) as a New Condensing Reagent. *Bull. Chem. Soc. Jpn.*, **51**, 930 (1978).
1787. INOMATA, Katsuhiko, Hideki KINOSHITA, Hisayo TAKEMOTO, Yasue MURATA and Hiroshi KOTAKE: Preparation and Diels-Alder Reactions of 3-Substituted 3-Sulfolenes. *Bull. Chem. Soc. Jpn.*, **51**, 3341 (1978).
1788. KOTAKE, Hiroshi, Katsuhiko INOMATA and Manabu SUMITA: Synthesis of Substituted Vinyl Sulfones via Deacylation. *Chem. Lett.*, 717 (1978).
1789. KOTAKE, Hiroshi, Katsuhiko INOMATA, Hideki KINOSHITA, Shin-ichi AOYAMA and Yasuko SAKAMOTO: A General Method for the Preparation of 2-Substituted and 2,3-Disubstituted Furans. A New Synthesis of Sesquirose Furan. *Heterocycles*, **10**, 105 (1978).

分 析

1790. TERADA, Kikuo, Kiyooki OKUDA, Kazuyoshi MAEDA and Toshiyasu KIBA: A Neutron Activation Analysis of Selenium, Arsenic and Antimony in Rocks and Sediment by Simultaneous Evolution with Bromide-Strong Phosphoric Acid Reagent. *J. Radioanal. Chem.*, **46**, 217 (1978).
1791. 木羽敏泰, 寺田喜久雄, 中川千枝: ニクロム酸カリウムを用いる COD 測定法の簡易化. *分析化学*, **27**, 734 (1978).
KIBA, Toshiyasu, Kikuo TERADA and Chie NAKAGAWA: Simple Chemi-

cal Oxygen Demand (COD) Determination Using Dichromate. *Bunseki Kagaku*, **27**, 734 (1978).

1792. HONJO, Takaharu, Shuhei ABE and Toshiyasu KIBA: The Concentration and Separation of a Trace Amount of Cobalt (II) in Sea Water as Its 1-Nitroso-2-Naphtholate by Extraction Chromatography. *Bull. Chem. Soc. Jpn.*, **51**, 1239 (1978).
1793. HONJO, Takaharu, Hiromi HONNAMI and Toshiyasu KIBA: The Separation of Iron (III), Cobalt (II), Nickel (II), Copper (II), Zinc (II), Mercury (II), Lead (II), Cadmium (II), and Palladium (II) as Their SDBM (3-Mercapto-1,3-diphenyl-2-propen-1-one) Complexes by Thin-layer Chromatography on Silica Gel. *Bull. Chem. Soc. Jpn.*, **51**, 1559 (1978).
1794. 本浄高治, 田中多恵子: バリウムイオンと銀イオンによる陰イオンの定性分析における沈殿の状態分析. 化学教育, **26**, 326 (1978).
HONJO, Takaharu and Taeko TANAKA: State Analyses of Precipitates in Systematic Qualitative Analysis of Anions with Barium and Silver Ions. *Chemical Education*, **26**, 326 (1978).
1795. HONJO, Takaharu, Hisanori IMURA, Shigeki SHIMA and Toshiyasu KIBA: Vacuum Sublimation Behavior of Various Metal Chelates of 4-Anilino-3-Pentene-2-One, Acetylacetone, Dithiocarbamates, Oxine and Its Derivatives, Dimethylglyoxime, Dithizone, 1-(2-Pyridylazo)-2-Naphthol, and Tetraphenylporphyrine. *Anal. Chem.*, **50**, 1545 (1978).

無 機

1796. YOSHIKUNI, Tadatsugu, Ryokichi TSUCHIYA, Akira UEHARA and Eishin KYUNO: Derivatographic Studies on Transition Metal Complexes. XIX. Thermal Isomerization of *trans*-[CrCl₂(en)₂](H₅O₂)Cl₂ and *trans*-[CrCl₂(pn)₂]Cl·1.5H₂O in Solid Phase. *Bull. Chem. Soc. Jpn.*, **51**, 113 (1978).
1797. KIMURA, Masazo, Akira UEHARA, Eishin KYUNO and Ryokichi TSUCHIYA: Solid-phase Thermal Syntheses of Binuclear Chromium (III) and Cobalt (III) Complexes Containing *N*-(2-Sulfoethyl) iminodiacetic Acid. *Bull. Chem. Soc. Jpn.*, **51**, 466 (1978).
1798. NISHIMOTO, Hideyuki, Tadatsugu YOSHIKUNI, Akira UEHARA, Eishin KYUNO and Ryokichi TSUCHIYA: Preparation of Nickel (II) Complexes with 2,3-Butanediamines and Their Thermal Octahedral-Square Planar

Transformation. *Bull. Chem. Soc. Jpn.*, **51**, 1068 (1978).

1799. IHARA, Yoshinori, Akira UEHARA, Ryokichi TSUCHIYA and Eishin KYUNO: Derivatographic Studies on Transition Metal Complexes. XX. Thermal Ekectron Transfer Reactions of Cobalt (III) Complexes Containing Phenylbiguanide in the Solid Phase. *Bull. Chem. Soc. Jpn.*, **51**, 2578 (1978).
1800. TSUCHIYA, Ryokichi, Akira UEHARA, Kazuhiko NOJI and Hitoshi YAMAMURA: Preparation and Solid-phase Thermal *cis-a* – *cis-β* Isomerization of the Chromium (III) Triethylenetetramine Complexes. *Bull. Chem. Soc. Jpn.*, **51**, 2942 (1978).
1801. TSUCHIYA, Ryokichi, Yoshio UEMORI, Akira UEHARA and Eishin KYUNO: Preparation of Ca[CrNCS(edta)] by the Use of Solid-phase Thermal Reaction of [CrNCS(NH₃)₅] [Ca(edta)] · 5H₂O. *Chem. Lett.*, 1265 (1978).

錯 体

1802. MURAMOTO, Satoru, Kenji KAWASE and Muraji SHIBATA: Circular Dichroism Spectra of Cobalt (III) Complexes of the [Co(O, O)₂(N)₂]⁻-type. *Bull. Chem. Soc. Jpn.*, **51**, 3505 (1978).
1803. IDA, Yayoi, Kiyoyuki IMAI and Muraji SHIBATA: The Preparation of 2,2'-Bipyridinedicarbonato and Dicarbonato-1,10-phenanthroline Complexes of Cobalt (III). *Bull. Chem. Soc. Jpn.*, **51**, 2741 (1978).
1804. FUJINAMI, Shuhei, Muraji SHIBATA and Hideo YAMATERA: Relative Intensities of the Ligand-field Transition Bands in Tetragonal Chromium (III) and Cobalt (III) Complexes. *Bull. Chem. Soc. Jpn.*, **51**, 1391 (1978).

放 射

1805. HISAMATSU, Shunichi and Masanobu SAKANOUÉ: Determination of Transuranium Elements in a So-Called "Bikini Ash" Sample and in Marine Sediment Samples Collected near Bikini Atoll. *Health. Phys.*, **35**, 301 (1978).
1806. 平木辰之助, 安東 醇, 森 厚文, 安東逸子, 坂本 浩, 天野良平, 小島一彦, 久田欣一: ¹⁶⁷Tm-Citrate の体内保存と被曝線量の評価. *Radioisotopes*, **27**, 85 (1978).

- HIRAKI, Tatsunosuke, Atsushi ANDO, Hirofumi MORI, Itsuko ANDO, Koh, SAKAMOTO, Ryohei AMANO, Kazuhiko KOJIMA and Kinichi HISADA: Whole-Baby Retention Studies of ^{167}Tm -Citrate – Estimation of Radiation Dose to Human from ^{167}Tm -Citrate—. *Radioisotopes*, **27**, 85 (1978).
1807. 坂本 浩: 深海堆積物における消滅核種発見の可能性. 東京大学宇宙線研究所報告, **ICR-26-78-3**, 48 (1978).
SAKAMOTO, Koh: Possible Cosmic Dust Origin of Terrestrial Plutonium-244, and Possible Accumulation of Extinct Nuclides, in Deep-Sea Sediment. *Report of the Institute for Cosmic Ray Research, University of Tokyo*, **ICR-26-78-3**, 48 (1978).
1808. SAKAMOTO, Koh: Trapped Xenon and Cosmic-Ray Effects in Meteorites in Lunar Samples and in the Earth's Materials. "*Terrestrial Rare Gases*", *Adv. Earth Planet. Sci.*, **3**, 137 (1978).
1809. SAKAMOTO, Koh, Kōei KAGA and Kazuhisa KOMURA: Production of ^{32}Si from Proton Bombardment of Natural Chlorine. *J. Inorg. Nucl. Chem.*, **40**, 1183 (1978).
- 生 化
1810. SUHARA, Katsuko, Tomoharu GOMI, Hiroshi SATO, Eiji ITAGAKI, Shigeki TAKEMORI and Masayuki KATAGIRI: Purification and Immunochemical Characterization of the Two Adrenal Cortex Mitochondrial Cytochrome P-450-Proteins. *Arch. Biochem. Biophys.*, **190**, 290 (1978).
1811. TAKIKAWA, Osamu, Tomoharu GOMI, Katsuko SUHARA, Eiji ITAGAKI, Shigeki TAKEMORI and Masayuki KATAGIRI: Properties of an Adrenal Cytochrome P-450 (P-450_{SCC}) for the Side Chain Cleavage of Cholesterol. *Arch. Biochem. Biophys.*, **190**, 300 (1978).
1812. SATO, Hiroshi, Nobuyuki ASHIDA, Katsuko SUHARA, Eiji ITAGAKI, Shigeki TAKEMORI and Masayuki KATAGIRI: Properties of an Adrenal Cytochrome P-450 (P-450_{11β}) for the Hydroxylations of Corticosteroids. *Arch. Biochem. Biophys.*, **190**, 307 (1978).
1813. KATAGIRI, Masayuki, Osamu TAKIKAWA and Katsuko SUHARA: Two Forms of NADPH-Adrenal Ferredoxin Reductase. *Sixth International Symposium on Flavins and Flavoproteins, Abstracts, Rokko, Kobe*. 17M1 (1978).

1979

理 論

1814. DEGUCHI, Kisaburo: Electron Scattering from Atoms within a Laser Field; Green's Function Method. *Chem. Phys.*, **42**, 201 (1979).
1815. DEGUCHI, Kisaburo: Green's Function Theory of Multiphoton Ionization. *Chem. Phys.*, **42**, 217 (1979).
1816. DEGUCHI, Kisaburo, H. S. TAYLOR and R. YARIS: Electron Scattering from Atoms within a Laser Field. *J. Phys. B: Atom. Molec. Phys.*, **12**, 613 (1979).

有 機

1817. INOMATA, Katsuhiko, Manabu SUMITA and Hiroshi KOTAKE: A Convenient Method for the Preparation of 3-Acylfurans. A New Synthesis of Perilla Ketone. *Chem. Lett.*, 709 (1979).
1818. INOMATA, Katsuhiko, Hideki KINOSHITA, Hirohiko FUKUDA, Osamu MIYANO, Yoshihiro YAMASHIRO and Hiroshi KOTAKE: A New Peptide Synthesis Using 3-(Succinimidoxy)-1,2-benzisothiazole-1,1-dioxide. Application to Synthesis of Leucine-Enkephalin. *Chem. Lett.*, 1265 (1979).
1819. INOMATA, Katsuhiko, Yukiharu NAKAYAMA, Masumi TSUTSUMI and Hiroshi KOTAKE: A General Method for the Preparation of Polysubstituted Furans. A New Synthesis of dl-Menthofuran. *Heterocycles*, **12**, 1467 (1979).
1820. KINOSHITA, Hideki, Katsuhiko INOMATA, Osamu MIYANO and Hiroshi KOTAKE: A New Peptide Synthesis Using 2-Fluoro-1,3,5-trinitrobenzene. Syntheses of Thyrotropin Releasing Hormone and Leucine-Enkephalin. *Bull. Chem. Soc. Jpn.*, **52**, 2619 (1979).
1821. KINOSHITA, Hideki, Hajime ISHIKAWA and Hiroshi KOTAKE: A Synthetic Method for N-Benzylloxycarbonyl Hydroxy Amino Acid t-Butyl Esters. *Bull. Chem. Soc. Jpn.*, **52**, 3111 (1979).

分 析

1822. 松本 健, 小泉貞之, 木羽敏泰: フェノール溶解法による高純度マグネシウム中の酸化マグネシウムの定量. 分析化学, **28**, 20 (1979).
MATSUMOTO, Ken, Sadayuki KOIZUMI and Toshiyasu KIBA: Determination of Magnesium Oxide in and on the High Purity Magnesium Metal by the Phenol Dissolution Method. *Bunseki Kagaku*, **28**, 20 (1979).
1823. JIN, Kazuo and Toshiyasu KIBA: Separation of Barium and Radium as Their TTA-Complexes by Extraction Chromatography. *Bull. Chem. Soc. Jpn.* **52**, 943 (1979).
1824. IMURA, Hisanori, Toshiyasu KIBA and Takaharu HONJO: The Extraction of the Chromium (III) Ion from Trichloroacetate Solutions to Inert Solvents Containing Trioctylphosphine Oxide. *Bull. Chem. Soc. Jpn.*, **52**, 2563 (1979).
1825. HONJO, Takaharu: Extraction-Polarographic Determination of Nickel with Monothiothenoyltrifluoroacetone in Toluene. *Z. Anal. Chem.*, **295**, 271 (1979).

無 機

1826. 吉村芳武, 沖 久也, 土屋亮吉: 水溶液における種々の銅 (II) サリチル酸錯体の結晶化条件. 日本化学会誌, **4**, 502 (1979).
YOSHIMURA, Yoshitake, Hisaya OKI and Ryokichi TSUCHIYA: Conditions for Crystallization of Various Copper (II) Complexes of Salicylic Acid in Aqueous Solution. *Nippon Kagaku Kaishi*, **4**, 502 (1979).
1827. 吉村芳武, 沖 久也, 土屋亮吉: 銅 (II) サリチル酸錯体の熱的挙動. 日本化学会誌, **4**, 506 (1979).
YOSHIMURA, Yoshitake, Hisaya OKI and Ryokichi TSUCHIYA: Thermal Behavior of Copper (II) Complexes of Salicylic Acid. *Nippon Kagaku Kaishi*, **4**, 506 (1979).
1828. MITRA, Samiran, Akira UEHARA and Ryokichi TSUCHIYA: Derivatographic Studies on Transition Metal Complexes. XXI. Thermal Isomerization of *trans*-[CrBr₂en₂]Br·H₂O and *cis*-[CrBr₂tn₂]Br·2H₂O in the Solid Phase. *Thermochim. Acta*, **34**, 189 (1979).
1829. MITRA, Samiran, Tadatsugu YOSHIKUNI, Akira UEHARA and Ryokichi TSUCHIYA: Preparation and Solid-phase Thermal *cis-trans* Isomerization

of the Mixed Bis (diamine) chromium (III) Complexes of the Type $[\text{CrX}_2(\text{aa})(\text{bb})]\text{X}\cdot n\text{H}_2\text{O}$. *Bull. Chem. Soc. Jpn.*, **52**, 2569 (1979).

錯 体

1830. SHIMBA, Satoru, Shuhei FUJINAMI and Muraji SHIBATA: Preparation of a Novel Amminebromocyano[1,4,7-triazacyclononane] cobalt (III) Complex. *Chem. Lett.*, 783 (1979).
1831. SATO, Shoichi, Shigeru OHBA, Satoru SHIMBA, Shuhei FUJINAMI, Muraji SHIBATA and Yoshihiko SAITO: Structure of $(-)_589$ Ammineglycinato-1,4,7-triazacyclononancobalt (III) Diiodide Water (1/0.84). *Acta Crystallogr.*, **B. 36**, 43 (1980).
1832. OKAZAKI, Kenichi and Muraji SHIBATA: Synthesis, Absorption and CD spectra of $[\text{Co}(\text{amino alcohol})(\text{N})_2(\text{O})_2]$ -type Complexes. *Bull. Chem. Soc. Jpn.*, **52**, 1391 (1979).

放 射

1833. SAKAMOTO, Koh: Xenon Components in Meteorites, in Lunar Samples and in the Earth's Materials. *Proc. 16th Intern. Cosmic Ray Conf. (Kyoto)*, **2**, (No. OG-12-26), 324 (1979).
1834. 阪上正信: 桜井鑲二博士とその関係資料. 化学史研究, **No. 11**, 3 (1979).
SAKANOUÉ, Masanobu: Dr. J. Sakurai and His Historical Materials. *Research of Chemical History*, **No. 11**, 3 (1979).
1835. SEKINE, Tsutomu and Masanobu SAKANOUÉ: Chemical Effect by (γ, n) Reaction of Neptunium-(2,2,6,6-Tetramethyl-3,5-Heptanedione) Complexes. *Radiochem. Radioanal. Lett.*, **41**, 97 (1979).

生物学 Biology

1974 追加

1836. 里見信生：北陸植物図譜（二十八）. 北陸の植物, **22**, viii (1974).
SATOMI, Nobuo: Icones Plantarum Hokurikuensium (28). *Journ. Geobot.*, **22**, viii (1974).
1837. 正宗巖敬, 里見信生：日本産蘭科植物分布図（五十二）. 北陸の植物, **22**, 17 (1974).
MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchidaceae* in Japan (52). *Journ. Geobot.*, **22**, 17 (1974).
1838. 里見信生：アマゾン動物記（その10）. モンキー, **18**, 13 (1974).
SATOMI, Nobuo: Animals in Amazon (10). *Monkey*, **18**, 13 (1974).
1839. 里見信生：カケタ河の植生（II）. モンキー, **18**, 22 (1974).
SATOMI, Nobuo: Vegetation of Rio Caqueta (II). *Monkey*, **18**, 22 (1974).

1975

1840. 河合 功：石川県内の主な森林における蘚苔植物相について. 石川県教育センター紀要, **5**, 18 (1975).
KAWAI, Isawo: Ueber die Moosgesellschaften in den wichtigen Waldzonen. *Bull. Ishikawaken Educational Center*, **5**, 18 (1975).
1841. KAWAI, Isawo: Systematic Studies on the Conducting Tissue of the Gametophyte in Musci (5) What is Expected of Systematics Regarding the Inner Structure of the Stem in Some Species of Thuidiaceae. *Sci. Rep. Kanazawa Univ.*, **20**, 21 (1975).
1842. 正宗巖敬, 里見信生：日本産蘭科植物分布図（五十三）；（五十四）. 北陸の植物, **22**, 33; 49 (1975).
MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchidaceae* in Japan (53); (54). *Journ. Geobot.*, **22**, 33; 49 (1975).
1843. 里見信生：北陸植物図譜（二十九）；（三十）. 北陸の植物, **22**, xii; xvi

(1975).

SATOMI, Nobuo: *Icones Plantarum Hokurikuensium* (29); (30). *Journ. Geobot.*, **22**, xii; xvi (1975).

1844. 里見信生：北陸植物図譜（三十一）；（三十二）. 北陸の植物, **23**, iv; viii (1975).

SATOMI, Nobuo: *Icones Plantarum Hokurikuensium* (31); (32). *Journ. Geobot.*, **23**, iv; viii (1975).

1845. 正宗巖敬, 里見信生：日本産蘭科植物分布図（五十五）；（五十六）. 北陸の植物, **23**, 1; 25 (1975).

MASAMUNE, Genkei and Nobuo SATOMI: *Distribution Maps of Orchidaceae in Japan* (55); (56). *Journ. Geobot.*, **23**, 1; 25 (1975).

1846. 和久田昌則, 芦原孝治, 里見信生：石川県の社叢林について (一)河北郡・羽咋郡の社叢林について. 石川県高校生物部会会誌, **No. 11**, 3 (1975).

WAKUDA, Masanori, Kōji ASIHARA and Nobuo SATOMI: *Studies on the Forests of the Shrines in Ishikawa Prefect.* (2) *On the Forests of the Shrines in Kahoku-gun and Hakui-gun. Ishikawaken-Kōkō-Seibutsubukai-Kaishi*, **No. 11**, 3 (1975).

1847. 米沢信道, 鳴橋直弘, 里見信生：岐阜県万波の植物相と郡落. 北陸の植物, **22**, 71 (1975).

YONEZAWA, Nobumichi, Naohiro NARUHASHI and Nobuo SATOMI: *Flora and Vegetations in Mannami, Gifu Prefecture. Journ. Geobot.*, **22**, 71 (1975).

1848. 米沢信道, 鳴橋直弘, 里見信生：岐阜県万波産植物目録. 北陸の植物, **23**, 5 (1975).

YONEZAWA, Nobumichi, Naohiro NARUHASHI and Nobuo SATOMI: *A List of Plants in Mannami, Gifu Prefecture. Journ. Geobot.*, **23**, 5 (1975).

1849. 芦原孝治, 和久田昌則, 里見信生：白山におけるハクサンコザクラの個体数の推定（第2報）. 石川県自然保護センター研究報告, 第2集, 39 (1975).

ASHIHARA, Kōji, Masanori WAKUDA and Nobuo SATOMI: *The Plant Communities at the Distributional Boundaries in Japan. II. The *Primula cuneifolia* var. *hakusanensis* Community at Mt. Hakusan. Ann. Rep. Hakusan Nature Conservation Center*, **No. 2**, 39 (1975).

1850. 山田和彦, 里見信生：白山と立山におけるハクサンオオバコの個体数.

- 石川県自然保護センター研究報告, 第2集, 47 (1975).
 YAMADA, Kazuhiko and Nobuo SATOMI: The Plant Community at the Distributional Boundaries in Japan: The *Plantago hakusanensis* Community at Mt. Hakusan and Mt. Tateyama. *Ann. Rep. Hakusan Nature Conservation Center*, No. 2, 47 (1975).
1851. SATOMI, Nobuo: Rare Species and Their Conservation; *Pteridophyta*. *JIBP Synthesis*, 8, 110 (1975).
1852. 九富 修: サクライソウの新産地について (石川県). 北陸の植物, 23, 24 (1975).
 KUTOMI, Osamu: *Protolirion sakurii* Found in Ishikawa Prefecture. *Journ. Geobot.*, 23, 24 (1975).
1853. 大塚孝一: アオホラゴケの新産地. 北陸の植物, 22, 82 (1975).
 OTSUKA, Kōichi: *Crepidomanes makinoi* (C. CHR.) COPEL. var. *tosae* (CHRIST) K. IWATS Found in Ishikawa Prefect. *Journ. Geobot.*, 22, 82 (1975).
1854. HOSHINA, Satoshi, Tetsuo KAJI and Kojiro NISHIDA: Photoswelling and Light-inactivation of Isolated Chloroplasts I. Change in Lipid Content in Light-aged Chloroplasts. *Plant & Cell Physiol.*, 16, 465 (1975).
1855. HOSHINA, Satoshi and Kojiro NISHIDA: Photoswelling and Light-inactivation of Isolated Chloroplasts II. Functional and Structural Changes in Isolated Chloroplasts under the Influence of Lysolecithin. *Plant & Cell Physiol.*, 16, 475 (1975).
1856. UMEBACHI, Yoshishige: Yellow Pigments in the Wings of *Papilio xuthus* (Papilionid Butterfly). *Acta Vitaminol. Enzymol.*, 29, 219 (1975).
1857. UMEBACHI, Yoshishige: Further Studies on the Dopamine Derivative, SN-1 Derived from the Yellow Pigments of *Papilio xuthus*. *Insect Biochem.*, 5, 73 (1975).
1858. 大串龍一, 西野敏勝: ロウカイガラムシ類の個体群動態の比較. 1. 生存曲線と生命表. 金沢大学理学部付属植物園年報, 7-8, 1 (1975).
 OHGUSHI, Ryoh-ichi and Toshikatsu NISHINO: Comparative Studies on the Population Dynamics of Wax Scales Belonging to the Genus *Ceroplastes*. 1. Survivorship Curves and Life Tables. *The Ann. Rep. Botanic Garden, Facult. Sci. Univ. Kanazawa*, 7-8, 1 (1975).

1976

1859. KAWAI, Isawo: Systematic Studies on the Conducting Tissue of the Gametophyte in Musci (6) On the Essential Coordination Among the Anatomical Characteristics of the Stem in Some Species of Hypnaceae. *Sci. Rep. Kanazawa Univ.*, **21**, 47 (1976).
1860. 正宗巖敬, 里見信生: 日本産蘭科植物分布図 (五十七); (五十八). 北陸の植物, **23**, 49; 85 (1976).
MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchidaceae* in Japan (57); (58). *Journ. Geobot.*, **23**, 49; 85 (1976).
1861. 正宗巖敬, 里見信生: 日本産蘭科植物分布図 (五十九); (六十). 北陸の植物, **24**, 1; 25 (1976).
MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchidaceae* in Japan (59); (60). *Journ. Geobot.*, **24**, 1; 25 (1976).
1862. 里見信生: 北陸植物図譜 (三十三); (三十四). 北陸の植物, **23**, xii; xvi (1976).
SATOMI, Nobuo: Icones Plantarum Hokurikuensium (33); (34). *Journ. Geobot.*, **23**, xii; xvi (1976).
1863. 里見信生: 北陸植物図譜 (三十五); (三十六). 北陸の植物, **24**, iv; viii (1976).
SATOMI, Nobuo: Icones Plantarum Hokurikuensium (35); (36). *Journ. Geobot.*, **24**, iv; viii (1976).
1864. 里見信生: 鳥類の食餌植物 (3). 北陸の植物, **23**, 47 (1976).
SATOMI, Nobuo: Food Plants of Birds (3). *Journ. Geobot.*, **23**, 47 (1976).
1865. SHIMIZU, Tatemi and Nobuo SATOMI: A Preliminary List of the Rare and Critical Vascular Plants of Japan (1). *Journ. Fac. Lib. Art. Shinshu Univ. Natural Science*, **No. 10**, 3 (1976).
1866. 和久田昌則, 芦原孝治, 里見信生: 石川県の社叢林について. 三. 江沼郡山中町の社叢林について. 石川県高校生物部会会誌, **No. 12**, 3 (1976).
WAKUDA, Masanori, Kōji ASHIHARA and Nobuo SATOMI: Studies on the Forests of the Shrines in Ishikawa Prefecture 3. On the Forests of the Shrines in Yamanaka-machi, Enuma-gun. *Ishikawaken-Kōkō-Seibutsubukai-Kaishi*, **No. 12**, 3 (1976).

1867. 西村直樹, 里見信生: 目附谷鳴谷出合附近の溪谷林について. 石川県自然保護センター研究報告, 第3集, 49 (1976).
NISHIMURA, Naoki and Nobuo SATOMI: On the Ravine Forests at the Junction of Mekkodani and Narutani in Mt. Hakusan (Ishikawa prefecture). *Ann. Rep. Hakusan Nature Conservation Center, No. 3*, 49 (1976).
1868. 橋本光政, 里見信生: 白山の植物目録(四). 石川県自然保護センター研究報告, 第3集, 61 (1976).
HASHIMOTO, Mitsumasa and Nobuo SATOMI: A List of the Plants Distributed in Mt. Hakusan (4). *Ann. Rep. Hakusan Nature Conservation Center, No. 3*, 61 (1976).
1869. 安嶋 隆: シライトソウの一新変種. 北陸の植物, **24**, 45 (1976).
AJIMA, Takashi: A New Variety of *Chionographis japonica* MAXIM. *Journ. Geobot.*, **24**, 45 (1976).
1870. 大塚孝一: 日本産シダ植物雑録(-). 北陸の植物, **23**, 93 (1976).
OTSUKA, Kōichi: Miscellaneous Notes on the Pteridophytes in Japan (1). *Journ. Geobot.*, **23**, 93 (1976).
1871. UMEBACHI, Yoshishige and Hiroyuki YAMASHITA: Clear Evidence for the Presence of β -Alanine as a Constituent of Papiliochrome II. *Comp. Biochem. Physiol.*, **54B**, 55 (1976).
1872. 高橋正和, 大滝哲也: 室内条件下におけるアカイエカ及びコガタアカイエカに対するPH 60-40の致死効果. 衛生動物, **27** (4), 361 (1976).
TAKAHASHI, Masakazu and Tetsuya OHTAKI: A Laboratory Evaluation of the IGR, PH 60-40, against *Culex pipiens* and *Culex tritaeniorhynchus*. *Jap. J. Sanit. Zool.*, **27** (4), 361 (1976).
1873. 中尾舜一, 大串龍一: カンキツ病虫害の共同防除地区における捕食性甲虫類. 日本応用動物昆虫学会誌, **20**, 101 (1976).
NAKAO, Shun-ichi and Ryoh-ichi OHGUSHI: Ecological Study on the Predaceous Coleoptera in Citrus Orchards of Collective Pest-Controlled Area. *Jap. J. appl. Ent. Zool.*, **20**, 101 (1976).
1874. INOUE, Tamiji and Ryoh-ichi OHGUSHI: A Simulation Model of the Arrowhead Scale Population on a Citrus Tree in Relation to Control Programmes (I). *Res. Popul. Ecol.*, **18**, 89 (1976).
1875. 大串龍一: ミカン幼木の成長に対する新梢害虫の影響(要報). 生理生

態, **17**, 43 (1976).

OHGUSHI, Ryoh-ichi: Growth Impact by Insect Pests and Their Control on the Young Tree of Satsuma Orange. *Physiol. Ecol. Japan*, **17**, 43 (1976).

1876. 原田正和：唐松コウモリ穴の温度環境。日生態会誌, **26**, 61 (1976).
HARADA, Masakazu: On the Temperatures in a Limestone Cave Called "Karamatsu-komori-ana". *Jap. J. Ecol.*, **26**, 61 (1976).

1977

1877. 河合 功：細胞分裂様式に基づく蘚苔植物の分類学的研究 2. コウヤノマンネンゴケ属の分裂様式の変遷。日本蘚苔類学会会報, **2**, 31 (1977).
KAWAI, Isawo: Systematic Studies on the Order of Cell Division in Bryophytes 2. On the Succession of the Order of Ontogeny in the Gametophyte of *Climacium*. *Proc. Bryol. Soc. Japan*, **2**, 31 (1977).
1878. KAWAI, Isawo: Systematic Studies on the Conducting Tissue of the Gametophyte in Musci (7) On the Essential Coordination Among the Anatomical Characteristics of the Stems in the Some Species of Iso-bryales. *Sci. Rep. Kanazawa Univ.*, **22**, 197 (1977).
1879. KAWAI, Isawo: Die Systematische Forschung auf Grund der Zellteilungsweise für die Bryophyten II. Die Zellteilungsweisen der Gametophyten in der Lebensgeschichte (1) *Climacium*. *Sci. Rep. Kanazawa Univ.*, **22**, 45 (1977).
1880. 正宗巖敬, 里見信生：日本産蘭科植物分布図 (六十一); (六十二). 北陸の植物, **24**, 53; 75 (1977).
MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchidaceae* in Japan (61); (62). *Journ. Geobot.*, **24**, 53; 75 (1977).
1881. 里見信生：北陸植物図譜 (三十七); (三十八). 北陸の植物, **24**, xii; xvi (1977).
SATOMI, Nobuo: Icones Plantarum Hokurikuensium (37); (38). *Journ. Geobot.*, **24**, xii; xvi (1977).
1882. 正宗巖敬, 里見信生：日本産蘭科植物分布図 (六十三); (六十四); (六十五). 北陸の植物, **25**, 1; 25; 45 (1977).
MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchida-*

- ceae* in Japan (63); (64); (65). *Journ. Geobot.*, **25**, 1; 25; 45 (1977).
1883. 里見信生：北陸植物図譜（三十九）；（四十）；（四十一）。北陸の植物，**25**, iv; viii; xii (1977).
SATOMI, Nobuo: Icones Plantarum Hokurikuensium (39); (40); (41). *Journ. Geobot.*, **25**, iv; viii; xii (1977).
1884. SHIMIZU, Tatemi and Nobuo SATOMI: A Preliminary List of the Rare and Critical Vascular Plants of Japan (2). *Journ. Fac. Lib. Art. Shinshu Univ. Natural Science*, **No. 11**, 43 (1977).
1885. 芦原孝治, 和久田昌則, 里見信生：石川県の社叢林について（四）金沢市の社叢林について。石川県高校生物部会会誌, **No. 13**, 3 (1977).
ASHIHARA, Kōji, Masanori WAKUDA and Nobuo SATOMI: Studies on the Forests of the Shrines in Ishikawa Prefect. (4) On the Forests of the Shrines in Kanazawa-city. *Ishikawaken-Kōkō-Seibutsubukai-Kaishi*, **No. 13**, 3 (1977).
1886. 大塚孝一, 里見信生：日本産ヒカゲノカズラ科の分布（1）。金沢大学理学部附属植物園年報, **9-10**, 1 (1977).
OTSUKA, Kōichi and Nobuo SATOMI: Distribution Maps of *Lycopodiaceae* in Japan (1). *Ann. Rep. Bot. Gard. Fac. Sci. Kanazawa Univ.*, **9-10**, 1 (1977).
1887. 香室昭円, 里見信生, 横山俊一：鹿島（石川県加賀市）における照葉樹林の群落組成。福井大学教育学部紀要, **No. 27**, 19 (1977).
KAMURO, Shōen, Nobuo SATOMI and Shunichi YOKOYAMA: The Community Flora of the Laurel-leaved Forests in Isle Kashima. (Kaga City, Ishikawa Prefecture). *Bull. Fac. Educ. Fukui Univ.*, **No. 27**, 19 (1977).
1888. 安嶋 隆：クロヒメシライトソウの減数分裂。北陸の植物, **25**, 44 (1977).
AJIMA, Takashi: Meiosis of *Chionographis japonica* MAXIM. var. *kurohimensis* AJIMA et SATOMI. *Journ. Geobot.*, **25**, 44 (1977).
1889. 安嶋 隆：ハナヒリノキの一新変種。北陸の植物, **25**, 56 (1977).
AJIMA, Takashi: A New Variety of *Eubotryoides Grayana* HARA. *Journ. Geobot.*, **25**, 56 (1977).
1890. 大塚孝一：日本産シタ植物雑録(二)。北陸の植物, **24**, 78 (1977).
OTSUKA, Kōichi: Miscellaneous Notes on the Pteridophytes in Japan (2).

Journ. Geobot., **24**, 78 (1977).

1891. NISHIDA, Kojiro: CO₂ Fixation in Leaves of a CAM Plant without Lower Epidermis and the Effect of CO₂ on Their Deacidification. *Plant and Cell Physiol.*, **18**, 927 (1977).
1892. NISHIDA, Kojiro and Yukika SANADA: Carbon Dioxide Fixation in Chloroplasts Isolated from CAM Plants. *Photosynthetic Organelles: Special Issue of Plant and Cell Physiol.*, 341 (1977).
1893. UMEBACHI, Yoshishige and Hiroyuki YAMASHITA: Beta-Alanine as a Constituent of the Dopamine Derivative, SN-1 of *Papilio xuthus*. *Comp. Biochem. Physiol.*, **56B**, 5 (1977).
1894. UMEBACHI, Yoshishige: Comparison between Yellow Pigments of the Wings of *Papilio machaon* and Those of *P. xuthus*. *Sci. Rep. Kanazawa Univ.*, **22**, 91 (1977).
1895. UMEBACHI, Yoshishige: Yellow Pigments in the Wings of the Papilionid Butterfly, *Luhdorfia japonica*. *Sci. Rep. Kanazawa Univ.*, **22**, 179 (1977).
1896. UMEBACHI, Yoshishige: Distribution of Papiliochrome in Papilionid Butterflies. *Sci. Rep. Kanazawa Univ.*, **22**, 187 (1977).
1897. KURAHASHI, Hiromu and Tetsuya OHTAKI: Crossing between Nondia-pausing and Diapausing Races of *Sarcophaga peregrina*. *Experientia*, **33**, 186 (1977).
1898. SAKURAI, Sho, Nobuo IKEKAWA, Tetsuya OHTAKI and Haruo CHINO: 3 α -Hydroxy-5 β -cholestan-6-one: A Possible Precursor of α -Ecdysone Synthesis. *Science*, **198**, 627 (1977).
1899. 西野敏勝, 大串龍一: ハダニの寄生が寄主植物の光合成と生育に及ぼす影響. 九州大学えびの高原野外生物実験室研究業績, **2**, 1 (1977).
NISHINO, Toshikatsu and Ryoh-ichi OHGUSHI: Studies on the Injurious Effects of Citrus Red Mite upon the Growth of Young Citrus Tree. *Reports from the Ebino Biological Laboratory, Kyushu University*, **2**, 1 (1977).
1900. 大串龍一, 西野敏勝, 蒲生宜郷: マシン油乳剤の散布がヤノネカイガラ

ムシ越冬個体群の増殖に及ぼす影響. 日本応用動物昆虫学会誌, **21**, 15 (1977).

OHGUSHI, Ryoh-ichi, Toshikatsu NISHINO and Yoshisato GAMO: On the Effects of Machine Oil Emulsifiable Concentrate upon the Population Growth of Overwintering Arrowhead Scale, *Unaspis yanonensis* KUWANA. *Jap. J. appl. Ent. Zool.*, **21**, 15 (1977).

1901. 大串龍一, 矢島孝昭, 中橋典子: 河北潟干拓地のノネズミ相 (第1報). 北陸病害虫研究会報, **25**, 84 (1977).

OHGUSHI, Ryoh-ichi, Takaaki YAZIMA and Noriko NAKAHASHI: Small Mammals Found in the Grassland of Kahoku-Gata in Ishikawa Prefecture. *Proceedings of the Association for Plant Protection of Hokuriku*, **25**, 84 (1977).

1902. INOUE, Tamiji and Ryoh-ichi OHGUSHI: A Simulation Model of the Arrowhead Scale Population on a Citrus Tree in Relation to Control Programmes (II) Dispersal of the Scale and the Amount of Petroleum Oil. *Res. Popul. Ecol.*, **18**, 302 (1977).

1978

1903. KAWAI, Isawo: Systematic Studies on the Conducting Tissue of the Gametophyte in Musci (8) On the Essential Coordination Among the Anatomical Characteristics of the Stems in Some Speices of Amblystegiaceae. *Sci. Rep. Kanazawa Univ.*, **23**, 93 (1978).

1904. 和久田昌則, 芦原孝治, 里見信生: 石川県の社叢林について (五)小松市の社叢林について. 石川県高校生物部会会誌, **No. 14**, 3 (1978).

WAKUDA, Masanori, Kōji ASHIHARA and Nobuo SATOMI: Studies on the Forests of the Shrines in Ishikawa Prefect. (5) On the Forests of the Shrines in Komatsu city. *Ishikawaken-Kōkō-Seibutsu-Bukai-Kaishi*, **No. 14**, 3 (1978).

1905. 正宗巖敬, 里見信生: 日本産蘭科植物分布図 (六十六). 北陸の植物, **25**, 69 (1978).

MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchidaceae* in Japan (66). *Journ. Geobot.*, **25**, 69 (1978).

1906. 正宗巖敬, 里見信生: 日本産蘭科植物分布図 (六十七); (六十八). 北陸の植物, **26**, 1; 33 (1978).

- MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchidaceae* in Japan (67); (68). *Journ. Geobot.*, **26**, 1; 33 (1978).
1907. 里見信生: 北陸植物図譜 (四十二). 北陸の植物, **25**, xx (1978).
SATOMI, Nobuo: Icones Plantarum Hokurikuensium (42). *Journ. Geobot.*, **25**, xx (1978).
1908. 里見信生: 北陸植物図譜 (四十三). 北陸の植物, **26**, viii (1978).
SATOMI, Nobuo: Icones Plantarum Hokurikuensium (43). *Journ. Geobot.*, **26**, viii (1978).
1909. TOMIOKA, Kazutoshi: Systematic Studies Regarding the Order of Cell Division in Jungermanniales I. The Mode of Cell Division in the Gametophyte of Jungermannia. *Sci. Rep. Kanazawa Univ.*, **23**, 77 (1978).
1910. NISHIDA, Kojiro: Effect of Leaf Age on Light and Dark $^{14}\text{CO}_2$ Fixation in a CAM Plant, *Bryophyllum calycinum*. *Plant and Cell Physiol.*, **19**, 935 (1978).
1911. UMEBACHI, Yoshishige and Yasuhiro ABURANO: The Presence or Absence of β -Alanine in the Wing-Scales of Butterflies. *Sci. Rep. Kanazawa Univ.*, **23**, 43 (1978).
1912. UMEBACHI, Yoshishige: Red Pigments in the Wings of Papilionid Butterflies. Extraction and Purification. *Sci. Rep. Kanazawa Univ.*, **23**, 119 (1978).
1913. REMBOLD, Heinz, Jacob RASCHER, Jörg EDER and Yoshishige UMEBACHI: Partial Structure of Papiliochrome, the Yellow Wing Pigment of the Papilionid Butterflies. *Z. Naturforsch.*, **33c**, 498 (1978).
1914. 石崎ゆみ: アゲハの飼育. 教材生物ニュース, **No. 40**, 596 (1978).
ISHIZAKI, Yumi: Breeding of *Papilio xuthus*. *Live Teaching Materials Information Service*, **No. 40**, 596 (1978).
1915. MORIBAYASHI, Atsuko F. and Tetsuya OHTAKI: Inactivation of Ecdysone and the Possible Feed Back Control of the Titre during Pupation of *Sarcophaga peregrina*. *J. Insect Physiol.*, **24**, 279 (1978).
1916. AKIYAMA, Yoshinori and Tetsuya OHTAKI: A Detailed Fate Map of the Wing Disc of *Sarcophaga peregrina*. *Development, Growth, Differentia-*

tion, **20 (4)**, 291 (1978).

1917. 大串龍一, 中橋典子, 中村浩二: 犀川上流倉谷地区において採集された小哺乳類. 石川県白山自然保護センター研究報告, **4**, 79 (1978).

OHGUSHI, Ryoh-ichi, Noriko NAKAHASHI and Koji NAKAMURA: Small Mammals from Kuratani Ravine. *Ann. Rep. Hakusan Nature Conservation Center*, **4**, 79 (1978).

1918. 大串龍一, 矢島孝昭, 中村浩二, 中橋典子: 河北潟干拓地のノネズミ相 (第2報). 北陸病害虫研究会報, **26**, 68 (1978).

OHGUSHI, Ryoh-ichi, Takaaki YAZIMA, Koji NAKAMURA and Noriko NAKAHASHI: Small Mammals Found in the Grassland of Kahoku-Gata in Ishikawa Prefecture (II). *Proceedings of the Association for Plant Protection of Hokuriku*, **26**, 68 (1978).

1979

1919. KAWAI, Isawo: Systematic Studies on the Conducting Tissue of the Gametophyte in Musci (9) On Regularity Among Anatomical Characteristics of Stems in Some Species of Dicranaceae. *Sci. Rep. Kanazawa Univ.*, **24**, 13 (1979).

1920. KAWAI, Isawo: Die Kiefernforst-Gesellschaften der Hokuriku Region, Japan (4) Eine Studie zur Sukzession auf Grund der schichtenförmigen Konstruktion in dem Gebiet der Stadt Ogi. *Bull. Japan Sea Resear. Inst. Kanazawa Univ.*, **11**, 129 (1979).

1921. 河合 功: シッポゴケ科若干種における解剖学的特徴. 日本蘚苔類学会会報, **2**, 126 (1979).

KAWAI, Isawo: Anatomical Characteristics on the Stem in the Some Species of Dicranaceae. *Proc. Bryol. Soc. Japan*, **2**, 126 (1979).

1922. 里見信生: 北陸植物図譜 (四十四); (四十五). 北陸の植物, **26**, xxii; xiv (1979).

SATOMI, Nobuo: Icones Plantarum Hokurikuensium (44); (45). *Journ. Geobot.*, **26**, xxii; xiv (1979).

1923. 正宗巖敬, 里見信生: 日本産蘭科植物分布図 (六十九); (七十). 北陸の植物, **26**, 67; 85 (1979).

MASAMUNE, Genkei and Nobuo SATOMI: Distribution Maps of *Orchida-*

ceae in Japan (69); (70). *Journ. Geobot.*, **26**, 67; 85 (1979).

1924. 芦原孝治, 和久田昌則, 里見信生: 石川県の社叢林について (六) 鳳至郡穴水町・能都町・柳田村及珠洲郡内浦町の社叢林について. 石川県高校生物部会会誌, **No. 15**, 3 (1979).
ASHIHARA, Kōji, Masanori WAKUDA and Nobuo SATOMI: Studies on the Forests of the Shrines in Ishikawa Prefect. (6) On the Forests of the Shrines in Fugeshi-gun (Anamizu-machi, Noto-machi, Yanagida-mura) and Uchiura-machi, Suzu-gun. *Ishikawaken-Kōkō-Seibutsububukai-Kaishi*, **No. 15**, 3 (1979).
1925. 大野政信・里見信生: 白山と立山におけるハクサンコザクラとハクサンオオバコの個体数の推移. 石川県白山自然保護センター研究報告, **No. 5**, 33 (1979).
OHNO, Masanobu and Nobuo SATOMI: The Change in the Numbers of *Primula cuneifolia* var. *hakusanensis* and *Plantago hakusanensis* Growing at Mt. Hakusan and Mt. Tateyama. *Ann. Rep. Hakusan Nature Conservation Center*, **No. 5**, 33 (1979).
1926. NISHIDA, Kojiro: Diurnal Fluctuation of Light and Dark CO₂ fixation in Peeled and Unpeeled Leaves of *Bryophyllum daigremontiana*. *Plant and Cell Physiol.*, **20**, 259 (1979).
1927. NISHIDA, Kojiro, Yokichi HAYASHI: Deacidification of the Leaves of *Bryophyllum calycinum* under Anaerobiosis: Abnormal Efflux of Malate into the Cytoplasm. *Plant and Cell Physiol.*, **20**, 1209 (1979).
1928. HOSHINA, Satoshi: Inhibition of Electron Transport and Uncoupling of Photophosphorylation in Spinach Chloroplasts by Lysolecithin. *Sci. Rep. Kanazawa Univ.*, **24**, 45 (1979).
1929. HOSHINA, Satoshi: Replacement of Galactolipids in Chloroplasts by Lecithin in the Presence of Lysolecithin. *Sci. Rep. Kanazawa Univ.*, **24**, 81 (1979).
1930. HOSHINA, Satoshi: Restoration of Lysolecithin-induced Inhibition of the Hill Reaction in Spinach Chloroplasts by the Addition of Lecithin. *Plant & Cell Physiol.*, **20**, 1107 (1979).
1931. UMEBACHI, Yoshishige and Yasuhiro ABURANO: The Presence of 2-Hydroxy-3', 4'-dihydroxyacetophenone in Hydrolysates of the Wing-

Scales of Butterfly. *Sci. Rep. Kanazawa Univ.*, **24**, 55 (1979).

1932. UMEBACHI, Yoshishige: Comparison between the Type B Red Pigment and Melanin of the Papilionid Butterfly, *Papilio xuthus*. *Sci. Rep. Kanazawa Univ.*, **24**, 73 (1979).
1933. KURAHASHI, Hiromu and Tetsuya OHTAKI: Induction of Pupal Diapause and Photoperiodic Sensitivity during Early Development of *Sarcophaga peregrina* larvae. *Jap. J. Med. Sci. Biol.*, **32** (2), 77 (1979).
1934. 大串龍一：白山山系河川の底生動物群集（第1報）——河川生物群集と河川系の保全をめぐっての一考察——。石川県白山自然保護センター研究報告， **5**, 57 (1979).
OHGUSHI, Ryoh-ichi: Studies on the Stream Bed Communities of River Kuratani — A Consideration on the Conservation of Stream Ecosystem —: *Ann. Rep. Hakusan Nature Conservation Center*, **5**, 57 (1979).
1935. 西村 登, 前田正紀, 河浪 繁, 大串龍一：能登富来川・大海川の水生昆虫相。金沢大学日本海域研究所報告， **11**, 93 (1979).
NISHIMURA, Noboru, Masanori MAEDA, Shigeru KAWANAMI and Ryoh-ichi OHGUSHI: Benthic Insect Fauna in River Togi-Gawa and River Omi-Gawa, Noto Prefecture. *Bulletin of the Japan Sea Research Institute, Kanazawa University*, **11**, 93 (1979).
1936. 大串龍一, 土屋正登：河北潟干拓地のノネズミ相（第3報）。北陸病害虫研究会報， **27**, 53 (1979).
OHGUSHI, Ryoh-ichi and Masato TSUCHIYA: Small Mammals Found in the Grassland of Kahoku-Gata in Ishikawa Prefecture (III). *Proceedings of the Association for Plant Protection of Hokuriku*, **27**, 53 (1979).

地 学 Earth Sciences

1974 追加

1937. BANNO, Shohei: Use of Partial Solution of Multicomponent Equilibria – Case Study on Pyroxene-Bearing Assemblages. *Bull. Soc. fr. Mineral. Cristallogr.*, **97**, 108 (1974).
1938. KONISHI, Kenji, Akio OMURA and Osamu NAKAMICHI: Radiometric Coral Ages and Sea Level Records from the Late Quaternary Reef Complexes of the Ryukyu Islands. *Proc. Second International Coral Reef Symposium 2. Great Barrier Reef Committee, Brisbane*, 595 (1974).
1939. OBATA, Masaaki, Shohei BANNO and Takeshi MORI: The Iron-Magnesium Partitioning between Naturally Occurring Coexisting Olivine and Ca-Rich Clinopyroxene: an Application of the Simple Mixture Model to Olivine Solid Solution. *Bull. Soc. fr. Mineral. Cristallogr.*, **97**, 101 (1974).

1975

1940. KANEHIRA, Keiichiro, Shohei BANNO and Shunzo YUI: Awaruite, Heazlewoodite, and Native Copper in Serpentinized Peridotite from the Mineoka District, Southern Boso Peninsula. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **70**, 388 (1975).
1941. 東野外志男: 四国中央部白髪山地方三波川変成帯の黒雲母帯. 地質学雑誌, **81**, 653 (1975).
HIGASHINO, Toshio: Biotite Zone of Sanbagawa Metamorphic Terrain in the Siragayama Area, Central Shikoku, Japan. *Jour. Geol. Soc. Japan*, **81**, 653 (1975).
1942. ITAYA, Tetsumaru: Pyrrhotite from the Sanbagawa Pelitic Schists of the Shiragayama Area, Central Shikoku, Japan. *Mineral. Jour.* **8**, 25 (1975).
1943. KIHARA, Kuniaki, Takeo MATSUMOTO and Shohei BANNO: Existence of 3T Muscovite in Low-Grade Metamorphic Rocks of the Sanbagawa Metamorphic Belt, Japan. *Mineral. Mag.*, **40**, 202 (1975).

1944. SCHLANGER, Seymour O. and Kenji KONISHI: The Geographic Boundary Between the Coral-Algal and the Bryozoan-Algal Limestone Facies: A Paleolatitude Indicator. *IX Intern. Congr. Sedimentology, Proc.*, **1**, 187 (1975).
1945. 小西健二: 化石サンゴ礁より学ぶ —— 氷河性海面変動と島弧-海溝系ネオテクトニズム——. *海洋科学*, **7**, 588 (1975).
 KONISHI, Kenji: Glacial Sea-level Change and Arc-trench Neotectonism. *Marine Science (Kaiyo Kagaku)*, **7**, 588 (1975).
1946. KONO, Yoshiteru and Toshikatsu YOSHII: Numerical Experiments on the Thickening Plate Model. *J. Phys. Earth*, **23**, 63 (1975).
1947. KONO, Yoshiteru, Akira TAKEUCHI and Hiroaki SATO: Gravity Survey in the Noto Peninsula, Japan (1) – Method and Data Presentation. *Sci. Rep. Kanazawa Univ.*, **20**, 101 (1975).
1948. 丸山茂徳, 植田良夫: 四国東部の黒瀬川構造帯に伴う超塩基性岩岩体中の結晶片岩とその K-Ar 年代. *岩石鉱物鉱床学会誌*, **70**, 47 (1975).
 MARUYAMA, Shigenori and Yoshio UEDA: Schist Xenoliths in Ultrabasic Body Accompanied with Kurosegawa Tectonic Zone in Eastern Shikoku and their K-Ar Ages. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **70**, 47 (1975).
1949. MATSUMOTO, Takeo: The Double Enhancement of Diffraction Symmetry. *Acta Cryst.*, **A31**, S36 (1975).
1950. MATSUMOTO, Takeo, Masayasu TOKONAMI and Nobuo MORIMOTO: The Crystal Structure of Omphacite. *Amer. Mineralogist*, **60**, 634 (1975).
1951. SATO, Hiroaki: Diffusion Coronas around Quartz Xenocrysts in Andesite and Basalt from Tertiary Volcanic Region in Northeastern Shikoku, Japan. *Contrib. Mineral. Petrol.*, **50**, 49 (1975).
1952. YAMASAKI, Masao and Shohei BANNO: Types of Invariant Phase Assemblages of Four-Component System with Two Independent Intensive Variables. *Sci. Rep. Kanazawa Univ.*, **20**, 125 (1975).
1953. 山崎正男, 坂野昇平: 数値計算による状態図の作製とその天然の結晶作用研究への応用 — Ab-An-Di 系の場合. *岩石鉱物鉱床学会誌*, **70**, 368 (1975).

YAMASAKI, Masao and Shohei BANNO: Construction of Mathematical Model of Phase Diagram and its Application to the Study of Natural Crystallization Process: A Case Study on the System Ab-An-Di at one Atmosphere. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **70**, 368 (1975).

1954. YOKOYAMA, Kazumi and Takeshi MORI: Spinel-Garnet-Two Pyroxene Rock from the Iratsu Epidote Amphibolite Mass, Central Shikoku. *Jour. Geol. Soc. Japan*, **81**, 29 (1975).

1976

1955. BANNO, Shohei and Takeshi MORI: Compositional Gradient in Interstitial Hornblende from a Norwegian Garnet Websterite. *Norsk Geologisk Tidsskrift*, **56**, 309 (1976).

1956. BANNO, Shohei, Kazumi YOKOYAMA, Masaki ENAMI, Osamu IWATA, Kenji NAKAMURA and Seiei KASASHIMA: Petrography of the Peridotite-Metagabbro Complex in the Vicinity of Mt. Higashiakaishi, Central Shikoku. Part I. Megascopic Textures of the Iratsu and Tonaru Epidote Amphibolite Masses. *Sci. Rep. Kanazawa Univ.*, **21**, 139 (1976).

1957. 坂野昇平, 横山一己, 岩田 修, 寺島進世意: 四国中央部三波川変成帯の緑れん石角閃岩体の成因. *地質学雑誌*, **82**, 199 (1976).
BANNO, Shohei, Kazumi YOKOYAMA, Osamu IWATA and Shinsei TERASHIMA: Genesis of Epidote Amphibolite Masses in the Sanbagawa Metamorphic Belt of Central Shikoku. *Jour. Geol. Soc. Japan*, **82**, 199 (1976).

1958. 坂野昇平, 地井三郎: Garnet の累帯構造の成因. *日本岩石鉱物鉱床学会誌*, 特別号1号, 283 (1976).
BANNO, Shohei and Saburo CHII: Origin of Zonal Structures in Garnets. *Jour. Assoc. Min. Petr. Econ. Geol.*, **Special Paper No. 1**, 283 (1976).

1959. DMITRIEV, Leonid, J. HEIRTZLER, R. J. KIRKPATRICK, D. MATHEWS, N. PETERSEN, P. CAMBON, J. HONNORETZ, D. OHNENSTETTER, H. SATO, H. U. SCHMINCKE, H. J. B. DICK, F. N. HODGES, A. J. ERICKSON and R. AGUILAR: Drilling into Ocean Crust. East of the Mid-Atlantic Ridge. *Geotimes*, Sept. 1976, 21 (1976).

1960. DMITRIEV, Leonid, J. HEIRTZLER, R. J. KIRKPATRICK, D. MATHEWS,

- N. PETERSEN, P. CAMBON, J. HONNORETZ, D. OHNENSTETTER, H. SATO, H. U. SCHMINCKE, H. J. B. DICK, F. N. HODGES, A. J. ERICKSON and R. AGUILAR: Glass-Rich Basaltic Sand and Gravel Within the Oceanic Crust at 22°N. *Nature*, **262**, 768 (1976).
1961. KANAZAWA, Yasuo and Takeo MATSUMOTO: Cis-Diaquobis (Ethylene-diamine) Cobalt (III) Hexacyanocobaltate (III) Trihydrate. *Acta Cryst.*, **B32**, 282 (1976).
1962. 小林洋二: 西南日本および中央日本における微小地震の震源分布と地表熱流量との関係. 地震予知研究シンポジウム論文集, 1976, 184 (1976).
KOBAYASHI, Yoji: A Relationship between the Distribution of Focal Depth of Microearthquakes and the Surface Heat Flow in the South-western Japan and Central Japan. *Proc. Earthquake Prediction Symposium*, 1976, 184 (1976).
1963. KONISHI, Kenji: Algal Conservatism —Symbiosis between Earth Science and Biology—. *Trans. Proc. Palaeont. Soc. Japan. N. S.*, **100s**, 71 (1976).
1964. 小西健二: サンゴ礁堆積物. 海洋学講座(5), 海洋地質, 67 (1976).
KONISHI, Kenji: Coral Reef Sediments. In *Marine Geology (Studies in Oceanography 5; Nasu, N. edit.)*, 67 (1976).
1965. MORI, Kei, Akio OMURA and Koji MINOURA: Ontogeny of Euthecal and Metaseptal Structures in Colonial Scleractinian Corals. *Lethaia*, **10**, 327 (1976).
1966. OMURA, Akio: Thorium and Protactinium Isotopes in Some Present-Day Hermatypic Corals and their Implications to Dating. *Trans. Proc. Palaeont. Soc. Japan, N. S.*, **101**, 271 (1976).
1967. 大村明雄: 生物源炭酸塩の酸素および炭素同位体比の測定について. 金沢大学日本海域研究所報告, **8**, 15 (1976).
OMURA, Akio: On the Measurement of Oxygen and Carbon Isotopic Ratios of Biogenic Carbonates. *Bull. Japan Sea Research Inst., Kanazawa Univ.*, **8**, 15 (1976).
1968. 須藤 茂: 大真名子火山の地質と岩石. 火山, **21**, 65 (1976).
SUTO, Shigeru: Geology and Petrography of Omanago Volcano. *Bull. Volcanol. Soc. Japan*, **21**, 65 (1976).

1969. YOKOYAMA, Kazumi, Shohei BANNO and Takeo MATSUMOTO: Compositional Range of P2/n Omphacite from the Eclogitic Rocks of Central Shikoku, Japan. *Mineral. Mag.*, **40**, 773 (1976).
1970. YOSHII, Toshikatsu, Yoshiteru KONO and Keisuke ITO: Thickening of the Oceanic Lithosphere. In *The Geophysics of the Pacific Ocean Basin and its Margin. The Woollard Volume, Geophys. Monogr., Am. Geophys. Union*, **19**, 423 (1976).

1977

1971. 坂野昇平, 横山一己: 四国中央部の超塩基性一塩基性岩体. 秀 敬(編), “三波川帯”, 広島大学出版会, 57 (1977).
BANNO, Shohei and Kazumi YOKOYAMA: Peridotite-Metagabbro Complex in Central Shikoku. In “*Sanbagawa Metamorphic Belt*”, Ed. K. Hide, Hiroshima Univ. Press, 57 (1977).
1972. 坂野昇平: 三波川変成帯の変成相. 秀 敬(編), “三波川帯”, 広島大学出版会, 179 (1977).
BANNO, Shohei: Mineral Facies of the Sanbagawa Metamorphic Belt. In “*Sanbagawa Metamorphic Belt*”, Ed. K. Hide, Hiroshima Univ. Press, 179 (1977).
1973. ENAMI, Masaki: Sector Zoning of Zoisite from a Metagabbro at Fujiwara, Sanbagawa Metamorphic Terrain in Central Shikoku. *Jour. Geol. Soc. Japan*, **83**, 693 (1977).
1974. ENAMI, Masaki and Shohei BANNO: Compositional Range of α and β Zoisites. *Jour. Geol. Soc. Japan*, **83**, 737 (1977).
1975. 東野外志男, 秀 敬, 坂野昇平: 四国および紀伊半島における三波川帯の変成分帯図. 秀敬(編), “三波川帯”, 広島大学出版会, 201 (1977).
HIGASHINO, Toshio, Kei HIDE and Shohei BANNO: Metamorphic Zone Map of the Sanbagawa Belt in Sikoku Island and Kii Peninsula, Japan. In “*Sanbagawa Metamorphic Belt*”, Ed. K. Hide, Hiroshima Univ. Press, 201 (1977).
1976. 粕野義夫: 日本の第四紀内陸盆地の諸問題. 地質学論集, **14**, 269 (1977).
KASENO, Yoshio: Aspects of the Quaternary Researches on the Inter-

- montane Basins in Japan. *Mem. Geol. Soc. Japan*, **14**, 269 (1977).
1977. KIHARA, Kuniaki: An Orthorhombic Superstructure of Tridymite Existing Between about 105 and 180°C. *Zeit. Kristallogr.*, **146**, 185 (1977).
1978. 河野芳輝, 天野雅央: 堆積作用がある場合のプレート生長 —— 日本海への適用——. *地震*, **30**, 163 (1977).
KONO, Yoshiteru and Masao AMANO: Thickening Plate Model with Sedimentation. *Zisin, Jour. Seismol. Soc. Japan*, **30**, 163 (1977).
1979. MATSUI, Yoshito, Naoki ONUMA, Hiroshi NAGASAWA, Hideo HIGUCHI and Shohei BANNO: Crystal Structure Control in Trace Element Partition between Crystal and Magma. *Bull. Soc. fr. Mineral. Cristallogr.*, **100**, 315 (1977).
1980. 松本崧生: 4次元の結晶学. *鉱物学雑誌*, **13**, 247 (1977).
MATSUMOTO, Takeo: Crystallography in 4-Dimensional Space. *Jour. Mineral. Soc. Japan*, **13**, 247 (1977).
1981. MATSUURA, Nobuomi: Molluscan Fossils from the Late Pleistocene Marine Terrace Deposits of Hokuriku Region, Japan Sea Side of Central Japan. *Sci. Rep. Kanazawa Univ.* **22**, 117 (1977).
1982. NAKAJIMA, Takashi, Shohei BANNO and Takashi SUZUKI: Reactions Leading to the Disappearance of Pumpellyite in Low-Grade Metamorphic Rocks of the Sanbagawa Metamorphic Belt in Central Shikoku, Japan. *Jour. Petrology*, **18**, 263 (1977).
1983. NAKAMURA, Hirotomo and Kuniaki KIHARA: Coexistence of 2M₁ and 3T Muscovites and Paragonites in Low-Grade Metamorphic Rocks of the Sanbagawa Metamorphic Belt, Japan. *Mineral. Jour.*, **8**, 343 (1977).
1984. OMURA, Akio: On the Apparent Distribution Coefficient of Uranyl between Sea Water and Skeletal Calcium Carbonates. *Sci. Rep. Kanazawa Univ.*, **22**, 103 (1977).
1985. SABURI, S., A. KAWAHARA, C. HENMI, I. KUSACHI and K. KIHARA: The Refinement of the Crystal Structure of Cuspidine. *Mineral. Jour.*, **8**, 287 (1977).
1986. SASAKI, Satoshi and Takeo MATSUMOTO: Multiple Diffraction in

Orthopyroxenes. Reexaminations of the Space Group. *Proc. Japan Acad.*, **53**, 84 (1977).

1987. SATO, Hiroaki: Nickel Content of Basaltic Magmas: Identification of Primary Magmas and a Measure of the Degree of Olivine Fractionation. *Lithos*, **10**, 113 (1977).
1988. SHIBAKUSA, Hidehiko, Nobuo GOUCHI and Masayuki IMAIZUMI: Widespread Occurrence of Metamorphic Aragonite in the Kamuikotan Metamorphic Rocks near Asahikawa, Hokkaido. *Jour. Geol. Soc. Japan*, **83**, 301 (1977).

1978

1989. BANNO, Shohei and Saburo CHII: A Model to Explain the Mn Enrichment in the Rim of Zoned Garnet. *Geochem. Jour.*, **12**, 253 (1978).
1990. BANNO, Shohei, Toshio HIGASHINO, Masayuki OTSUKI, Tetsumaru ITAYA and Takashi NAKAJIMA: Thermal Structure of the Sanbagawa Metamorphic Belt in Central Shikoku. *J. Phys. Earth*, **26**, s345 (1978).
1991. HIRAMURA, Makiko: Notes on Petrography and Rock-Forming Mineralogy (2), Find of a Paragonite-Bearing Quartz Schist from the Kotu District, Eastern Shikoku. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **73**, 152 (1978).
1992. 石渡 明: 舞鶴帯南帯の夜久野オフィオライト概報. 地球科学, **32**, 301 (1978).
ISHIWATARI, Akira: A Preliminary Report on the Yakuno Ophiolite in the Maizuru Zone, Inner Southwest Japan. *Chikyū Kagaku (Jour. Assoc. Geol. Collab. Japan)*, **32**, 301 (1978).
1993. ITAYA, Tetsumaru and Masayuki OTSUKI: Stability and Paragenesis of Fe-Ti Oxide Minerals and Sphene in the Basic Schists of the Sanbagawa Metamorphic Belt in Central Shikoku, Japan. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **73**, 359 (1978).
1994. ITAYA, Tetsumaru: Notes on Petrography and Rock-Forming Mineralogy (5), Reverse-Zoned Garnet in Sanbagawa Pelitic Schists in Central Shikoku, Japan. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **73**, 393

- (1978).
1995. IWATA, Osamu: Notes on Petrography and Rock-Forming Mineralogy (1), Skarn Assemblage in Limestone of the Iratsu Epidote Amphibolite Mass, Central Shikoku. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **73**, 121 (1978).
1996. 鮎野義夫：白山目附谷の地形・地質と環境保全. 日本自然保護協会調査報告, **54**, 41 (1978).
KASENO, Yoshio: Geology of the Mekkodani-valley. Hakusan, with Reference to the Nature Conservation. *Rep. Nature Conservation Soc. Japan*, **54**, 41 (1978).
1997. KAWAI, Kazuhide, Takeo MATSUMOTO, Kuniaki KIHARA and Kin-ichi SAKURAI: The First Finding of Monoclinic Tridymite in Terrestrial Volcanic Rocks. *Mineral. Jour.*, **9**, 231 (1978).
1998. KIHARA, Kuniaki and Takeo MATSUMOTO: An Application of the Patterson Method to the Determination of the Structures Composed of Two Kinds of Layers with Approximately Equal Thickness. *Zeit. Kristallogr.*, **147**, 159 (1978).
1999. KIHARA, Kuniaki: Thermal Change in Unit-Cell Dimensions, and a Hexagonal Structure of Tridymite. *Zeit. Kristallogr.*, **148**, 237 (1978).
2000. KOMURA, Kazuhisa, Masanobu SAKANOUÉ and Kenji KONISHI: Non-Destructive $^{226}\text{Ra}/^{238}\text{U}$ Dating of Quaternary Corals by Gamma-Spectrometry. *Proc. Japan Acad.*, **54** (ser. B), 505 (1978).
2001. KONISHI, Kenji, Kazuhisa KOMURA and Yoshinori MOTOYA: An Early Wisconsin Reef on the Daito Ridge, North Philippine Sea – Isotopic Evidences. *Proc. Japan Acad.*, **54** (Ser. B), 516 (1978).
2002. KONISHI, Kenji, Yoshihiro TSUJI, Toshiro GOTO and Takeo TANAKA: Holocene Raised Reef Drilling at Kikai-Jima, Central Ryukyus. No. 1. *Sci. Rep. Kanazawa Univ.*, **23**, 129 (1978).
2003. KONO, Yoshiteru and Masao AMANO: Thickening Model of the Continental Lithosphere. *Geophys. J. Roy. astr. Soc.*, **54**, 405 (1978).
2004. 河野芳輝：地震活動の時間的・空間的変化の観察プログラム (EQMAP).

地震, **31**, 49 (1978).

KONO, Yoshiteru: Computer Program for Observation of Time- and Space-Variations of Seismicity. *Zisin, Jour. Seismol. Soc. Japan*, **31**, 49 (1978).

2005. 河野芳輝: 固体地球物理学に関係するデータ・ファイルとプログラムについて (I). 地震, **31**, 137 (1978).

KONO, Yoshiteru: Some Computer Readable Data Files and Softwares Related to Geophysical Studies (I). *Zisin, Jour. Seismol. Soc. Japan*, **31**, 137 (1978).

2006. 河野芳輝: 固体地球物理学に関係するデータ・ファイルとプログラムについて (II). 地震, **31**, 251 (1978).

KONO, Yoshiteru: Some Computer Readable Data Files and Softwares Related to Geophysical Studies (II). *Zisin, Jour. Seismol. Soc. Japan*, **31**, 251 (1978).

2007. MARUYAMA, Shigenori, Yoshio UEDA and Shohei BANNO: 208-240 M. Y. Old Jadeite-Glaucophane Schists in the Kurosegawa Tectonic Zone Near Kochi City, Shikoku. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **73**, 300 (1978).

2008. 中田節也: 尾鈴山酸性岩の地質. 地質学雑誌, **84**, 243 (1978).

NAKADA, Setsuya: Geology of the Osuzuyama Acid Rocks, Miyazaki Prefecture, Kyushu, Japan. *Jour. Geol. Soc. Japan*, **84**, 243 (1978).

2009. 中島 隆, 丸山茂徳, 松岡喜久次: 四国中央部伊野層緑色岩の変成作用. 地質学雑誌, **84**, 729 (1978).

NAKAJIMA, Takashi, Shigenori MARUYAMA and Kikuji MATSUOKA: Metamorphism of the Green Rocks of the Ino Formation in Central Shikoku. *Jour. Geol. Soc. Japan*, **84**, 729 (1978).

2010. 太田陽子, 町田 洋, 堀 信行, 小西健二, 大村明雄: 琉球列島喜望島の完新世海成段丘 ——完新世海面変化研究へのアプローチ——. 地理学評論, **51**, 109 (1978).

OTA, Yoko, Hiroshi MACHIDA, Nobuyuki HORI, Kenji KONISHI and Akio OMURA: Holocene Raised Coral Reefs of Kikai-Jima (Ryukyu Islands) —An Approach to Holocene Sea Level Study—. *Geogr. Rev. Japan*, **51**, 109 (1978).

2011. SAKAI, Kohzo, Toshihiko KOIDE and Takeo MATSUMOTO: Silver Ortho-

selenoarsenite. *Acta Cryst.*, **B34**, 3326 (1978).

2012. DMITRIEV, Leonid, J. HEIRTZLER, R. J. KIRKPATRICK, D. MATHEWS, N. PETERSEN, P. CAMBON, J. HONNORETZ, D. OHNSTETTER, H. SATO, H. U. SCHMINCKE, H. J. B. DICK, F. N. HODGES, A. J. ERICKSON and R. AGUILAR: Holes 396A and 396B. *Initial Rept. Deep Sea Drilling Project*, **46**, 15 (1978).
2013. SATO, Hiroaki, Ken-ichiro AOKI, Kenji OKAMOTO and Bun-ya FUJITA: Petrology and Chemistry of Basaltic Rocks from Hole 396B, IPOD/DSDP Leg 46. *Initial Rept. Deep Sea Drilling Project*, **46**, 115 (1978).
2014. SATO, Hiroaki: Segregation Vesicles and Immiscible Liquid Droplets in Ocean-Floor Basalt of Hole 396B IPOD/DSDP Leg 46. *Initial Rept. Deep Sea Drilling Project*, **46**, 283 (1978).
2015. 竹中修平, 東野外志男, 山崎正男: 白山北方蛇谷地域の酸性火砕岩類について. 石川県白山自然保護センター研究報告, 第4集, 1 (1978).
TAKENAKA, Shuhei, Toshio HIGASHINO and Masao YAMASAKI: Acidic Pyroclastic Formations in Jadani Area, North of Hakusan Volcano, Central Japan. *Ann. Rept. Hakusan Nature Conservation Center*, **4**, 1 (1978).

1979

2016. BANNO, Shohei and Masao YAMASAKI: Behavior of Large Divalent Cations During Fractional Crystallization in a Model System Diopside-Albite-Anorthite. *Chem. Geol.*, **24**, 243 (1979).
2017. ENAMI, Masaki, Osamu IWATA and Shohei BANNO: Notes on Petrography and Rock-Forming Mineralogy (6), Glaucofane in the Iratsu Amphibolite in the Sanbagawa Belt in Central Shikoku. *Jour. Japan. Assoc. Min. Petr. Econ. Geol.*, **74**, 332 (1979).
2018. 鮎野義夫: 日本海底に関する地学的研究のあゆみと最近の進歩. 日本海学会誌, **3**, 103 (1979).
KASENO, Yoshio: History and Recent Progress of the Geology and Geophysics of the Japan Sea Floor. *Nihonkai-Gakkaishi, Bull. Japan Sea Sciences Soc.*, **3**, 103 (1979).

2019. KONISHI, Kenji, Itsuro OSHIRO and Takeo TANAKA: Holocene Raised Coral Reef on Senkaku Islands – An Active Remnant Arc. *Proc. Japan Acad.*, **55** (Ser. B), 335 (1979).
2020. 小西健二：軟体サンゴの化石 ——見落されていた造礁・造岩生物の例として——. 月刊地球, **1**, 643 (1979).
KONISHI, Kenji: Fossil Alcyonarians. *Chikyū (The Earth Monthly)*, **1**, 643 (1979).
2021. KONO, Yoshiteru, Teruaki TSUZUKI and Akio YAMAMOTO: Simulation of the Time-Dependent Thermal Convection within the Earth's Mantle. *J. Phys. Earth*, **27**, 315 (1979).
2022. KU, T. L. Akio OMURA and P. S. CHEN: Be¹⁰ and U-Series Isotopes in Manganese Nodules from the Central North Pacific. In *Marine Geology and Oceanography of the Pacific Manganese Nodules Province*, eds. J. L. BISCHOFF and D. Z. PIPER, Plenum Publ. Co., N. Y., 791 (1979).
2023. 松田伸也：石垣島裾礁前縁上部における皮殻型無節サンゴモの遷移，成長速度. 月刊地球, **1**, 684 (1979).
MATSUDA, Shin-ya: Succession, Growth Rates and Sedimentation of Encrusting Coralline Algae (Rhodophyta, Cryptonemiales) at Upper Fore-reef Environment in Ishigaki Island, Ryukyu Islands. *Chikyū (The Earth Monthly)*, **1**, 684 (1979).
2024. OMURA, Akio, W. K. EMERSON and T. L. KU: Uranium-Series Ages of Echinoids and Corals from the Upper Pleistocene Magdalena Terrace, Baja California Sur, Mexico. *The Nautilus*, **93**, 184 (1979).
2025. 大村明雄，顧 徳隆：Encope grandis（海胆）中の Th-Pa-U 同位体 –Southern Baja California 産化石試料の年代測定例. 地質学雑誌, **85**, 135 (1979).
OMURA, Akio and Teh-Lung KU: Th, Pa and U Isotopes in an Echinoderm, *Encope grandis* –An Application to Dating of Some Fossil Samples from Southern Baja California. *Jour. Geol. Soc. Japan*, **85**, 135 (1979).
2026. YAMANA, Kazuo, Kuniaki KIHARA and Takeo MATSUMOTO: Bismuth Tellurides: BiTe and Bi₄Te₃. *Acta Cryst.*, **B35**, 147 (1979).

能登臨海実験所 Noto Marine Laboratory

1977

2027. 池森雅彦, 新崎盛敏: 海藻の光合成色素 I. 緑藻類と海草類に含まれるクロロフィルとカロチノイドの二次元ペーパークロマトグラフィーによる分離. 藻類, **25**, 6 (1977).

IKEMORI, Masahiko and Seibin ARASAKI: Photosynthetic Pigments in Marine Algae 1. Two Dimensional Paper Chromatographic Separation of Chlorophylls and Carotenoids from Green Algae and Sea Grasses. *J. Jap. Soc. Phycology*, **25**, 6 (1977).

電波物性研究施設

Institute for Spectroscopic Study of Matter

1973 追加

2028. 樋渡保秋：Soft-Core モデルの速度相関関数. 物性研究, **21**, H34 (1973).
HIWATARI, Yasuaki: Velocity Autocorrelation Functions of the Soft-Core Model. *Bussei Kenkyu*, **21**, H34 (1973).
2029. 樋渡保秋, 小川 泰, 萩田直史, 松田博嗣, 上田 顕：Soft-Core モデルの計算機実験. 物性研究, **21**, H37 (1973).
HIWATARI, Yasuaki, Tohru OGAWA, Naohumi OGITA, Hirotsugu MATSUDA and Akira UEDA: Computer Experiments on the Soft-Core Model. *Bussei Kenkyu*, **21**, H37 (1973).

1975

2030. 松岡慎一：インドネシアにおける理科教育協力（コロンボ計画）について. 理科教育等海外協力事業報告書（国際協力事業団）昭和48年度(1), 11頁～157 頁, (昭和50年3月).
MATSUOKA, Shin-ichi: On Educational Cooperation in Republik Indonesia under the Colombo Plan. *Overseas Cooperation Report* (Japan International Cooperation Agency, March 1975). No. 1, pp. 11-157, (1975).
2031. OHASHI, Nobukimi, Kumio FUKUDA, Hisao DOHATA and Shin-ichi MATSUOKA: Calculated Raman Band Envelope of Formaldehyde. *Sci. Rep. Kanazawa Univ.*, **20**, 15 (1975).
2032. HIWATARI, Yasuaki: The soft-Core Model for the Self-Diffusion Constant in Simple Liquids. *Prog. Theor. Phys.*, **53**, 285 (1975).

2033. 樋渡保秋：Soft-Core モデルの液相における速度相関関数. 物性研究, **24**, A86 (1975).
HIWATARI, Yasuaki: Velocity Autocorrelation Functions in Liquid States of the Soft-Core Model. *Bussei Kenkyu*, **24**, A86 (1975).
2034. 樋渡保秋, 松田博嗣, 小川 泰, 荻田直史, 上田 顕：融解・凝固の計算機実験. 物性研究, **24**, A90 (1975).
HIWATARI, Yasuaki, Hirotsugu MATSUDA, Tohru OGAWA, Naohumi OGITA and Akira UEDA: Computer Experiments on Melting and Freezing. *Bussei Kenkyu*, **24**, A90 (1975).
2035. HIWATARI, Yasuaki: The Applicability of the Soft-Core Model of Fluids to Dynamical Properties of Simple Liquids – The Velocity Autocorrelation Function—. *Prog. Theor. Phys.*, **53**, 915 (1975).
2036. HIWATARI, Yasuaki, Hirotsugu MATSUDA, Tohru OGAWA, Naohumi OGITA and Akira UEDA: Metastable States and Possibly Glass States of the Soft-Core System. *Proc. 12th IUPAP Int. Conf. Statis. Phys.*, 109 (1975).

1 9 7 6

2037. YAMAZAKI, Masatoshi: A Note on Non-Abelian Gauge Fields. *Sci. Rep. Kanazawa Univ.*, **21**, 27 (1976).
2038. YAMAZAKI, Masatoshi: Genetic Diagrams for Group of Orthogonal Matrices $O(n)$. *Sci. Rep. Kanazawa Univ.*, **21**, 35 (1976).
2039. YAMAZAKI, Masatoshi: A Note on Yang-Mills Field. *Sci. Rep. Kanazawa Univ.*, **21**, 41 (1976).
2040. YAMAZAKI, Masatoshi: Exact Solutions with Arbitrary Integer Deltas for Gravitational Fields of Spinning Masses. *Sci. Rep. Kanazawa Univ.*, **21**, 131 (1976).
2041. 樋渡保秋：不活性気体の液体はガラス状態になり得るか？物性研究, **27**, B49 (1976).
HIWATARI, Yosaki: Can Liquefied Inert Gases be in Glassy states? *Bussei Kenkyu*, **27**, B49 (1976).

1977

2042. OHASHI, Nobukimi, Tetsuo KYOGOKU and Shin-ichi MATSUOKA: Location of the ν_5 and ν_3 Fundamental Vibrations of Ethylene. *Sci. Rep. Kanazawa Univ.* **22**, 15 (1977).
2043. YAMAZAKI, Masatoshi: On the Kerr and the Tomimatsu-Sato Spinning Mass Solutions. *Prog. Theor. Phys.*, **57**, 1951 (1977).
2044. YAMAZAKI, Masatoshi: On the Kerr-Tomimatsu-Sato Family of Spinning Mass Solutions. *J. Math. Phys.*, **18**, 2502 (1977).
2045. TANEMURA, Masami, Yasuaki HIWATARI, Hiratsugu MATSUDA, Tohru OGAWA, Naohumi OGITA and Akira UEDA: Geometrical Analysis of Crystallization of the Soft-Core Model. *Prog. Theor. Phys.*, **58**, 1079 (1977).
2046. 種村正美, 樋渡保秋, 松田博嗣, 小川 泰, 荻田直史, 上田 顕: 結晶化過程の計算機実験. 物性研究, **28**, A19 (1977).
TANEMURA, Masami, Yasuaki HIWATARI, Hirotsugu MATSUDA, Tohru OGAWA, Naohumi OGITA and Akira UEDA: Computer Experiments on Crystallization Process. *Bussei Kenkyu*, **28**, A19 (1977).

1978

2047. OHASHI, Nobukimi, Tetsuo KYOGOKU and Shin-ichi MATSUOKA: Location of the ν_1 , ν_2 , ν_3 and ν_5 Fundamental Vibrations of Ethylene-d₄. *Bull. Chem. Soc. Jpn.*, **51**, 1885 (1978).
2048. OHASHI, Nobukimi, Tetsuo Kyogoku and Shin-ichi MATSUOKA: Raman Spectrum of the ν_3 Band of Ethylene-H₄. *J. Raman Spectrosc.*, **7**, 194 (1978).
2049. YAMAZAKI, Masatoshi: On the Christodoulou-Ruffini Mass Formula. *Phys. Lett.*, **65A**, 267 (1978).
2050. SCHNEIDER, T., E. Stoll and Yasuaki HIWATARI: Soliton-Like Properties of Heat Pulses. *Phys. Rev. Lett.*, **39**, 1382 (1978).

2051. HIWATARI, Yasuaki, E. Stoll and T. Schneider: Molecular Dynamics Investigation of Solid-Liquid Coexistence. *J. Chem. Phys.*, **68**, 3401 (1978).
2052. シュナイダー, ストール, 樋渡保秋: 熱パルスのソリトンの性質. 核融合研究 (別冊), **39**, 37 (1978).
SCHNEIDER, T., E. STOLL and Yasuaki HIWATARI: Soliton Properties of Heat Pulses. *Kakuyugo-Kenkyu (separate issue)*, **39**, 37 (1978).
2053. HIWATARI, Yasuaki: Self-Diffusion and Glass Transition of the Soft-Core Model. *Prog. Theor. Phys.*, **59**, 1401 (1978).
2054. TANEMURA, Masami, Yasuaki HIWATARI, Hirotsugu MATSUDA, Tohru OGAWA, Naohumi OGITA and Akira UEDA: Geometrical Analysis of Crystallization of the Soft-Core Model in an FCC Crystal. *Prog. Theor. Phys.*, **59**, 323 (1978).

1979

2055. DOHATA, Hisao, Yasuaki HIWATARI and Shin-ichi MATSUOKA: Temperature Dependence of the Refractive Indices in the Nematic Phase of 4,4'-Azoxyanisole. *Jpn. J. Appl. Phys.*, **18**, 393 (1979).

低レベル放射能実験施設

Low Level Radioactivity Laboratory

1976

2056. KOMURA, Kazuhisa, Shigeo TANAKA, Masaki UESUGI and Masanobu SAKANOUÉ: Proton induced reactions of ^{151}Eu and ^{153}Eu up to $E_p=52\text{ MeV}$. *J. Inorg. Nucl. Chem.*, **38**, 2157 (1976).

1977

2057. 阪上正信, 小村和久: 環境放射能とその線量率のIn-Situ γ Spectrometry による研究成果. 京大原子炉実験所報告, **KURR-TR-155**, 20 (1977).
SAKANOUÉ, Masanobu and Kazuhisa KOMURA: Application of In-Situ γ Spectrometry to the Estimation of Radiation dose and Environmental Radioactive Nuclides. *Reports of Kyoto University Reactor Laboratory*, **KURRI-TR-155**, 20 (1977).
2058. 阪上正信, 小林和久: In-Situ Ge(Li) γ Spectrometer とその応用 (とくに水試料への適用). 京大原子炉実験所報告, **KURRI-TR-156**, 1 (1977).
SAKANOUÉ, Masanobu and Kazuhisa KOMURA: In-Situ Ge(Li) γ Spectrometer and its Application to Water Samples. *Reports of Kyoto University Reactor Laboratory*, **KURRI-TR-156**, 1 (1977).

1978

2059. KODAIRA, Kiyoshi, Mitsuko KATO, Misako KOMAMURA, Atsuko KAWAMURA, Akio YAMAMOTO, Ryoichi EBISASA, Masanobu SAKANOUÉ and Kazuhisa KOMURA: Distribution of ^{210}Pb in Japanese Soils and its Relations with that of ^{90}Sr , ^{137}Cs and Stable Pb. *Proceedings of Natural Radiation Environment III*, 23 (1978).
2060. 小村和久: 研究用原子炉から放出する希ガス(特に ^{41}Ar)と In-Situ 測定 (I). 京大原子炉実験所報告, **KURR-TR-179**, 20 (1978).
KOMURA, Kazuhisa: Radioactive Rare Gas from Research Reactor

(⁴¹Ar) and its In-Situ Measurement (I). *Reports of Kyoto University Reactor Laboratory*, **KURRI-TR-179**, 20 (1978).

2061. 小村和久：²³⁷Pu の調製および Pu のトレーサーとしての応用. 昭和52年度文部省科学研究費総合研究 (A) 「放射性廃棄物処理処分に伴う環境保全評価の基礎研究」報告書, 12 (1978).
KOMURA, Kazuhisa: Preparation of ²³⁷Pu and its Application as Plutonium Tracer. "Basic studies on the Environmental Assessment Related to the Treatment and the Disposal of Radioactive Waste." *Report of the Joint Research, Grant in Aid for Scientific Research, Ministry of Education, Science and Culture*, 1978, 12 (1978).
2062. KOMURA, Kazuhisa, Masanobu SAKANOUÉ and Kenji KONISHI: Non-Destructive ²²⁶Ra/²³⁸U Dating of Quaternary Corals by Gamma Spectrometry. *Proc. Japan. Acad.*, **54B**, 505 (1978).
2063. 小村和久, 吉田義輝：²⁵²Cf 電着線源の作成. 原子核研究, **23**, 52 (1978).
KOMURA, Kazuhisa and Yoshiteru YOSHIDA: Preparation of ²⁵²Cf Source for Beta-Spectrometer by Electrodeposition. *Genshikakukenkkyu*, **23**, 52 (1978).
2064. 阪上正信：プルトニウムとその土壤中における挙動. 昭和52年度文部省科学研究費総合研究 (A) 「放射性廃棄物処理処分に伴う環境保全評価の基礎研究」報告書, 3 (1978).
SAKANOUÉ, Masanobu: Behaviors of Plutonium in Soil. "Basic Studies on the Environmental Assessment Related to the Treatment and the Disposal of Radioactive Waste." *Report of the Joint Research, Grant in Aid for Scientific Research, Ministry of Education, Science and Culture*, 1978, 3 (1978).
- 2001*. KONISHI, Kenji, Kazuhisa KOMURA and Yoshinori MOTOYA: An Early Wisconsin Reef of the Daito Ridge, North Philippine Sea, Isotopic Evidences. *Proc. Japan Acad.*, **54B**, 516 (1978).
2065. 阪上正信, 小村和久: In-Situ γ スペクトロメトリーによる温泉水中の放射能の研究. 温泉科学, **29**, 19 (1978).
SAKANOUÉ, Masanobu, Kazuhisa KOMURA: Studies on Radioactivity in Hot Spring Water by In-Situ γ Spectrometry. *J. Balneolog. Soc. Japan*, **29**, 19 (1978).

1979

2066. 小村和久：In-Situ Ge(Li) 測定データの解析法改善の試み。昭和53年度文部省科学研究費総合研究（A）「放射性廃棄物の処理処分に伴う環境保全評価の基礎研究」総括報告書，65 (1979).
KOMURA, Kazuhisa: Improvement of Data Analysis for In-Situ Ge (Li) Measurement. *Basic Studies on the Environmental Assessment Related to the Treatment and the Disposal of Radioactive Waste.* Report of the Joint Research, Grant in Aid for Scientific Research, Ministry of Education, Science and Culture, 1979, 65 (1979).
2067. 山守志朗，小村和久，阪上正信：松葉，海藻などの微量放射能測定とその評価。京大原子炉実験所報告，KURRI-TR-188, 13 (1979).
YAMAMORI, Shiro, Kazuhisa KOMURA and Masanobu SAKANOU: Measurements and Evaluations of Small Amounts of Radioactivities in Pine Leaves, Sea Weeds and other Environmental Samples. *Reports of Kyoto University Reactor Laboratory*, KURRI-TR-188, 13 (1979).

← 総説, 解説 Review Articles →

数 学

188. 長 郁男: Cousin の問題について. 金沢工業大学研究紀要, 第 3 号, 1-20 (1973).

物 理

189. 山形行雄: 光学活性の起源. *Viva Origino*, 3, 37-43 (1975).
190. 川崎 温, 宮原 昭: 高エネルギー重イオン粒子ビームによる制御核融合. 日本物理学会誌, 33, 990-992 (1978).

化 学

191. 中西 孝, 阪上正信: 地球外物質中に残る粒子トラック. 科学朝日, 5 月号, 146-152 (1970).
192. 中西 孝, 阪上正信: 宇宙化学におけるトラック研究. 化学, 27, 798-801 (1972).
193. 齊藤信房, 小山睦夫, 鈴木信男, 工藤 洌, 森川尚威, 戸村健児, 中西 孝, 氏平祐輔: 放射能分析および放射線源利用分析. 分析化学 進歩総説, 22, 83R-106R (1973).
194. 中西 孝: 隕石鉱物中の残留トラックと超重核. 京都大学原子炉実験所研究報告, KURRI-TR-122, 20-24 (1974).

(以上追加)

195. 青野茂行: Vibronic Hamiltonian. 分子科学サーキュラー, 16, 8-20 (1975).

196. 木羽敏泰：水質分析における過失的誤差導入の諸因. 環境と測定技術, **12**, 20–26 (1975).
197. 木羽敏泰：こん跡分析における固体試料の粒度とサンプリング誤差. 化学, **30**, 403–405 (1975).
198. 柴田村治：コバルト（Ⅲ）錯体の分子設計（1）ジカルボナトジアミン錯体とその周辺. 化学の領域, **29**, 263–270 (1975).
199. 柴田村治：コバルト（Ⅲ）錯体の分子設計（2）アスパラギン酸錯体の周辺. 化学の領域, **29**, 334–341 (1975).
200. 柴田村治：配座光学幾何異性体と混合単座配位子錯体. 化学, **30**, 806–809 (1975).
201. 阪上正信：環境と放射能. 化学教育, **23**, 231–238 (1975).
202. 天野良平, 阪上正信：昇華法による金属有機化合物の放射化学的研究——1974年の化学——. 化学, **31**, 814–817 (1975).
203. 阪上正信：アクチニド. 日本原子力学会編「環境被曝線量評価」, 186–211 (1975).
204. 阪上正信：Otto Hahn をめぐって (1)–(16). *Isotope news*, 8月号(1975)～11月号(1976).
205. 木羽敏泰：抽出クロマトグラフィー. 化学と工業, **29**, 901–904 (1976).
206. 木羽敏泰：環境分析の標準試料. 化学, **31**, 916–918 (1976).
207. 柴田村治：アニリン. 化学教育, **24**, 223 (1976).
208. 柴田村治：合成デザイン. 化学総説 No. 13, 八面体の配位立体化学, 25–42 (1976).
209. 柴田村治：立体選択性を規制する因子. 化学, **31**, 884–886 (1976).
210. 柴田村治：立体選択性. 化学総説 No. 13, 八面体の配位立体化学, 131–148 (1976).
211. 中西 孝：ドイツ連邦共和国放射線防護研究所. *Isotope news*, No. 270,

12-15 (1976).

212. 青野茂行：分子理論に対する多体論の応用の手引 —— Green関数法を中心として——. 原子・分子の電子状態の理論 研究報告書, 150-165 (1977).
213. 木羽敏泰：トレース・キャラクタリゼーション. 化学, **32**, 343-346 (1977).
214. 木羽敏泰：実験室汚染の防除. 化学, **32**, 746-748 (1977).
215. 木羽敏泰：無機質を主体とする試料処理の手法. 試験研究と設備, **1977**, 20-25 (1977).
216. 寺田喜久雄：放射化学における強リン酸の利用. *Radioisotopes*, **26**, 189-198 (1977).
217. 柴田村治：錯体化学の歴史. 化学教育, **25**, 177-183 (1977).
218. 坂本 浩：太陽系外物質—— presolar, extrasolar grains ——の存在. 化学と工業, **30**, 289-291 (1977).
219. 阪上正信：連続2次元クロマト分離 ——1976年の化学—— 化学, **32**, 664-667 (1977).
220. 柴田村治：遷移金属錯体の光学分割. 化学, **33**, 59-62 (1978).
221. 坂本 浩：Xenology の最近の話題 ——異常 Xe の捕捉鉱物——. *Radioisotopes*, **27**, 61 (1978).
222. 坂本 浩：希ガスによる宇宙地球物質の微量元素分析. 京都大学原子炉実験所「環境における自然放射能の動態に関する短期研究会」報告, **KURRI-TR-179**, 9-11 (1978).
223. 青野茂行：Jahn-Teller 効果の多体論的取扱い. 多電子系の理論の現状と将来の展望 研究報告書. 50-56 (1979).
224. 木羽敏泰：化学を志す人のために (1979) 分析化学. 化学の領域, **33**, 266-267 (1979).

225. 木羽敏泰：溶解に用いられる試薬—有機溶媒. *ぶんせき*, **494**—499 (1979).
226. 木羽敏泰：高感度分析：前処理. *ぶんせき*, **663**—668 (1979).
227. 寺田喜久雄：けい光X線分析のための天然水中の微量元素の予備濃縮. *化学*, **34**, 233—236 (1979).
228. 寺田喜久雄：書評：分析化学大系“試料調整”，日本分析化学会編 (1978) *化学*, **34**, 384 (1979).
229. 寺田喜久雄：水中の微量硫酸イオンの光度定量. *ぶんせき*, **899**—900 (1979).
230. 土屋亮吉，上原 章：Q-デリバトグラフの利点と適用例. *熱測定*, **6**, 16—17 (1979).
231. 土屋亮吉：金属錯体のひずみエンタルピー. *化学*, **34**, 914—917 (1979).
232. 中西 孝：核分裂片飛跡法によるウランの定量. *Radioisotopes*, **28**, 1813 (1979).
233. 阪上正信，日吉芳朗：ベルセリウスと彼の博物館. *化学教育*, **27**, 51—56 (1979).

生 物

234. 里見信生：石川県の植物. *石川の自然*, 第**1**集 生物編 (1), 12—17 (1975).
235. 梅鉢幸重：昆虫における β -アラニンについての諸問題. *動物学雑誌*, **84**, 173—183 (1975).
236. 大串龍一：ミカンをとりまく昆虫たち. *インセクトarium*, **13**, 260—267 (1976).
237. 里見信生：日本海周域における植物分類地理学的研究 (1974, 1975). *日本海域研究所報告*, **No. 8**, 105—108 (1977).

238. 大滝哲也：ゴキブリ. 遺伝, **31 (2)**, 48–51 (1977).
239. 大滝哲也：ニクバエを使った実験. 遺伝, **31 (3)**, 69–73, (1977).
240. 大串龍一：昆虫類. 遺伝, **31**, 46–51 (1977).
241. 里見信生：日本海周域における植物分類地理学的研究 (1976). 日本海域研究所報告, **No. 9**, 65–67 (1978).
242. 里見信生：白山を分布の西南限とする植物. はくさん, **6–1**, 3–5 (1978).
243. 里見信生：日本海周域における植物分類地理学的研究 (1977). 日本海域研究所報告, **No. 10**, 129–131 (1978).
244. 桜井 勝, 大滝哲也：昆虫の脱皮ホルモン—エクジソン—. 現代化学, 1978年2月 (**No. 83**) 20–28, (1978).
245. 西田晃二郎：CAM 植物の炭酸固定. 光合成の機作 (蛋白質・核酸・酵素別冊), 186–194 (1979).
246. 大串龍一：犀川の自然誌——流水の昆虫学1. インセクトリウム, **16**, 166–170 (1979).
247. 大串龍一：水生昆虫と生態学の源流——流水の昆虫学2. インセクトリウム, **16**, 220–224 (1979).
248. 大串龍一：カゲロウとすみわけ理論——流水の昆虫学3. インセクトリウム, **16**, 246–250 (1979).
249. 大串龍一：すみわけ理論とその展開——流水の昆虫学4. インセクトリウム, **16**, 274–278 (1979).
250. 大串龍一：水生昆虫の流下と遡上——流水の昆虫学5. インセクトリウム, **16**, 298–302 (1979).

地 学

251. 河野芳輝：ホットスポット説. 科学, **44**, 238–246 (1974).

252. 小西健二：海洋の炭酸塩物質. 海洋科学, **6**, 727–732 (1974).
253. 粕野義夫：日本海と大和堆. *URBAN KUBOTA*, **12**, 22–25 (1975).
254. 七尾港周辺地盤沈下対策協議会：石川県七尾港周辺の地盤沈下調査報告書 (昭和 49 年度). 北陸経済調査会調査研究報告, **46**, 1–110 (1975).
255. 小西健二：「サンゴ礁」——海洋底の歴史を解く鍵——. 海洋科学, **7**, 582–588 (1975).
256. 大村明雄：化石サンゴ礁からみた海洋底の歴史. 海洋科学, **7**, 593–598 (1975).
257. 吉井敏尅, 河野芳輝, 伊東敬祐：海洋プレート構造. 科学, **45**, 330–335 (1975).
258. 坂野昇平：X線マイクロアナライザー (EPMA). 新実験化学講座, 10 巻, 宇宙地球化学, 258–287 (1976).
259. 粕野義夫：新第三紀・第四紀の日本列島構造発達史の研究の進歩によせて. 地団研専報, **20**, 265–266 (1977).
260. 粕野義夫, 西田義親, 二木幹夫, 大深伸尚：主要都市及びその周辺部の地盤特性と基礎工法——その 3, 金沢・七尾・富山・砺波. 基礎工, **5**, (7), 49–59 (1977).
261. 佐藤博明：海洋地殻中の玄武岩質砂礫層 —— DSDP 第 46 航海での深海掘削——. 科学, **47**, 120–122 (1977).
262. 粕野義夫：能登島の地形・地質と水. 北陸経済調査会調査研究報告, **52**, 1–4 (1978).
263. 中村保夫, 坂野昇平：相平衡図——2 成分系, 3 成分系のリキダス. 岩波講座地球科学, **3**, 地球の物質科学 II, 付録 I, 229–247 (1978).
264. TSUCHI, R. and Working Group for Japanese Neogene Bio- and Chronostratigraphy, 1979: Correlation of Japanese Neogene Sequences (1): A synthesis based upon biostratigraphic datum levels, zones, stages and radiometric ages. 土 隆一(編), 日本の新第三系の生層序及び年代層序

- に関する基本資料, 1979, 143–150 (1979).
265. Tsuchi, R. and Working Group for Japanese Neogene Bio- and Chronostratigraphy, 1979: Correlation of Japanese Neogene Sequences (2) – for the period younger than 5 M.Y.B.P.: A synthesis based upon biostratigraphic datum levels, zones, stages, magnetostratigraphy and radiometric ages. 土 隆一(編), 日本の新第三系の生層序及び年代層序に関する基本資料, 1979, 151–155 (1979).
266. 粕野義夫: 島弧変動と日本海問題によせて. 「島弧変動」研究報告, **1**, 73–74 (1979).
267. 粕野義夫(編): 日本海底に関する地学文献. 研究連絡誌「日本海」, **10**, 195–237 (1979).
268. 佐藤博明: 海洋地殻上部の形成過程. 海洋科学, **11**, 714–718 (1979).

電波物性研究施設

269. 樋渡保秋: ガラス転移現象. 物性研究, **26**, B23–39 (1976).
270. 種村正美, 樋渡保秋, 松田博嗣, 小川 泰, 荻田直史, 上田 顕: **SOFT-CORE-MODEL**の計算機実験——結晶化過程を中心として——. 分子動力学応用プログラム研究会報文集(東京大学大型計算機センター), 12–24 (1978).
271. 樋渡保秋: 固相——液相共存(界面)の計算機実験. 分子動力学応用プログラム研究会報文集(東京大学大型計算機センター), 25–32 (1978).

低レベル放射能実験施設

272. 小村和久: 大型Ge (Li) 検出器による低レベル放射能測定. *Radioisotopes*, **25**, 69 (1976).
273. 阪上正信: 金沢大学低レベル放射能実験施設(LLRL)の最近の活動状況. 保健物理, **12**, 291–295 (1977).
274. 小村和久: 金沢大学理学部附属低レベル放射能実験施設. 放射線研究, **12**, 50 (1977).

275. SAKANOUÉ, Masanobu: Alpha Radioactive Nuclides in Geochemistry, "Recent Progress of Natural Sciences in Japan". *Science Council of Japan*, **4**, 61–66 (1979).
276. 阪上正信：プルトニウムと土壤. 昭和 53 年度文部省科学研究費総合研究 (A), 「放射性廃棄物の処理処分に伴う環境保全の基礎研究」総括報告書, 12–20 (1979). +
277. 西脇 安, 阪上正信: IAEA Co-ordination Research Programme on Environmental Monitoring for Radiological Safety in South-Easia, the Far East and the Pacific Region 金沢 Meeting について. 保健物理, **13**, 319–323 (1978).
278. 小村和久: ミニコンを用いた γ スペクトル解析. *Radioisotopes*, **27**, 75 (1978). +
279. 阪上正信: 環境プルトニウムの測定. *Radioisotopes*, **27**, 410–421 (1978).
280. 阪上正信: 希ガスの発見・研究史をかえりみて. 京都大学原子炉実験所「環境における自然放射能の動態に関する短期研究会」報告, **KURRI-TR-179**, 1–5 (1978).

＋ 著 書 Books ＋

数 学

281. 赤座 暢：複素解析学. 培風館 (1978).

物 理

282. 宮谷信也：固体中のイオン伝導. 岡田利弘, 電気物性, 1-33, 共立出版 (1977).
283. 増崎 克 (編者)：大強度のREB及びイオン・ビームによる核融合研究集会報告, 核融合研究別冊第41巻別冊その1. 名古屋大学プラズマ研究所 (1979).
284. 増崎 克：荷電粒子ビームによる核融合の基礎. 特定研究「核融合工学の基礎」総括班, 特定研究「核融合工学の基礎」研究成果報告書, 29-1-29-14 (1979).
285. 川崎 温, 井上信幸：プラズマ診断法, 粒子的測定. 伏見康治, 実験物理学講座プラズマ・核融合, 253-271, 共立出版 (1979).

化 学

286. 柴田村治, 寺田喜久雄：ペーパークロマトグラフ法の実際. 共立出版 (1971).

(以上追加)

287. 木羽敏泰：人名試薬と人名反応. 日本化学会編, 化学便覧基礎編 (改訂2版) I, II, 521-557, 丸善 (1975).
288. 木羽敏泰：試薬, 定性分析. 日本化学会編, 化学便覧基礎編 (改訂2版) I, II, 1481-1482, 1499-1516, 1524-1526, 丸善 (1975).

289. 寺田喜久雄：試料分解法. 日本化学会, 化学便覧, 1478–1481 丸善 (1975).
290. 松本 健：定性分析. 日本化学会編, 化学便覧基礎編 (改訂2版) I, II, 1502–1516, 丸善 (1975).
291. 本浄高治：溶媒抽出. 日本化学会, 化学便覧基礎編, 1639–1661, 丸善 (1975).
292. 上原 章：クロム (III) 錯体. 上野景平, キレート化学 (5), 錯体化学実験法 [I], 410–429, 南江堂 (1975).
293. 柴田村治：5. 対称性とその結合理論への応用 6. 結晶場理論とその電子スペクトルへの応用. 日本分析化学会編, 周期表と分析化学, 分析化学大系, 111–163, 丸善 (1975).
294. 柴田村治：第2章 金属錯体の合成 第3章 分離と分割. 上野景平, キレート化学 (5), 373–509, 南江堂 (1975).
295. 坂本 浩：低レベル放射能測定. 日本化学会編 (馬淵久夫担当), 新実験化学講座 第7巻 基礎技術6核・放射線, 186–231, 丸善 (1975).
296. TAKEMORI, Shigeki and Masayuki KATAGIRI: Lactate Oxygenase of *Mycobacterium phlei*. A. P. Colowick, N. O. Kaplan, *Methods in Enzymology*, Volume 41, 329–333, Academic Press, New York (1975).
297. TAKEMORI, Shigeki and Masayuki KATAGIRI: Molecular and Functional Characteristics of Lactate Oxygenase from *Mycobacterium phlei*. K. Yagi, *Reactivity of Reduced Flavins*, 103–117, University of Tokyo Press, Tokyo (1975).
298. 木羽敏泰：試料採取法. 日本化学会編, 新実験化学講座・9巻 分析化学 I, 467–475, 丸善 (1976).
299. 木羽敏泰：総合病院における廃水処理, 金沢大学付属病院における廃水処理事業. 試験研究機関, 総合病院における廃水・廃ガス・廃棄物処理対策資料集, 156–176, 461–479, フジ・テクノシステム (1976).
300. 寺田喜久雄：テクネチウム, レニウム. 日本化学会, 新実験化学講座,

分析化学 I, 317-323, 丸善 (1976).

301. 寺田喜久雄, その他: 放射性ルテニウム分析法. 放射能測定基準化委員会, 放射性ルテニウム分析法, 4-5, 14-18, 27-29, 科学技術庁 (1976).
302. 柴田村治: 化学への招待. 大日本図書 (1976).
303. 阪上正信: α 放射能. 日本化学会編 (本田雅健担当), 新実験化学講座 第10巻 地球宇宙化学, 404-425, 丸善 (1976).
304. 阪上正信: 日本化学会編「化学の原典」 8. 元素の周期系. 東京大学出版会 (1976).
305. 阪上正信, 中西 孝: トラック法. 日本化学会編 (本田雅健担当), 新実験化学講座 第10巻 宇宙地球化学, 376-404, 丸善 (1976).
306. TAKEMORI, Shigeki, Katsuko SUHARA and Masayuki KATAGIRI: Studies on Bovine Adrenal Ferredoxin. K. T. Yasunobu, H. F. Mower, O. Hayaishi, Iron and Cooper Proteins, 36-44, Plenum Press, New York (1976).
307. KATAGIRI, Masayuki, Shigeki TAKEMORI, Eiji ITAGAKI, Katsuko SUHARA, Tomoharu GOMI and Hiroshi SATO: Characterization of Purified Cytochrome P-450_{ox} and P-450_{11 β} from Bovine Adrenocortical Mitochondria. K. T. Yasunobu, H. F. Mower, O. Hayaishi, Iron and Copper Proteins, 281-289, Plenum Press, New York (1976).
308. SUHARA, Katsuko, Yoshino IKEDA, Shigeki TAKEMORI and Masayuki KATAGIRI: Purification and Properties of Adrenal Ferredoxin: NADP⁺ Reductase (Adrenodoxin Reductase) from Bovine Adrenocortical Mitochondria. T. P. Singer, Flavins and Flavoproteins, 655-657, Elsevier Scientific Publishing Company, Amsterdam (1976).
309. TAKEMORI, Shigeki, Kenji SUZUKI and Masayuki KATAGIRI: Variable Catalytic Functions of Flavoprotein Oxygenases. T. P. Singer, Flavins and Flavoproteins, 178-183, Elsevier Scientific Publishing Company, Amsterdam (1976).
310. 片桐正之: ホモゲンチジン酸オキシゲナーゼ. 日本生化学会, 生化学実験講座, 第11巻, 128-130, 東京化学同人 (1976).

311. 片桐正之：フラボドキシシ。日本生化学会。生化学実験講座，第12巻，518-522，東京化学同人 (1976).
312. 土屋亮吉：熱重量測定。立花太郎，新実験化学講座，分析化学〔II〕，509-520，丸善 (1977).
313. 上原 章：コバルトの化合物。立花太郎，新実験化学講座，無機化合物の合成〔III〕，1200-1226, 1228-1280, 1282-1283, 1285-1291，丸善 (1977).
314. 柴田村治：3 クロマトグラフィー。山崎一雄，山寺秀雄：錯体(上)，無機化学全書別巻，47-67，丸善 (1977).
315. 柴田村治，中原勝巖 編著：無機化合物の合成〔I〕，〔II〕，〔III〕，新実験化学講座8，丸善 (1977).
316. 片桐正之： $^{18}\text{O}_2$ 交換反応。日本生化学会，生化学実験講座，第6巻，650-656，東京化学同人 (1977).
317. 青野茂行：分子の定常状態に関する理論的方法のあらまし。朽津耕三：新実験化学講座17，物質の構造と物性，112-130，丸善 (1978).
318. 木羽敏泰，松本 健：濃度相関マトリオクスによる解析。日本地球化学会編，水汚染の機構と解析，53-83，産業図書 (1978).
319. 柴田村治：偉大な科学者の横顔。研成社 (1978).
320. KATAGIRI, Masayuki, Shigeki TAKEMORI and Katsuko SUHARA: Adrenocortical Mitochondrial System. R. Sato, T. Omura, Cytochrome P-450, 164-183, Kodansha Scientific, Tokyo and Academic Press, New York, London (1978).
321. KATAGIRI, Masayuki: Pseudomonas putida System. R. Sato, T. Omura, Cytochrome P-450, 184-193, Kodansha Scientific, Tokyo and Academic Press, New York, London (1978).
322. KATAGIRI, Masayuki, Shigeki TAKEMORI, Eiji ITAGAKI and Katsuko SUHARA: Purification of Adrenal Cytochrome P-450. S. Fleischer, L. Packer, Methods in Enzymology, Volume 52, 124-132, Academic Press, New York (1978).

323. 阪上正信：環境科学としての海洋学2. 第4章 放射性核種 ——とくに Ra 同位体と ^{90}Sr , ^{137}Cs -, 45-62, 東京大学出版会 (1978).
324. 柴田村治：錯体化学入門 (第3版). 共立出版 (1979).
325. 阪上正信, 中西 孝, 小池亮治, 亀谷勝昭, 野村 保, 岡林弘之, 河田燕, 高橋正雄, 今井利夫, 山本正儀, 坂東昭次, 上杉正樹：科学技術庁放射能測定法シリーズ12 プルトニウム分析法. 日本分析センター, (1979).

生 物

326. 里見信生：石川県の現存植生と原植生. 里見信生, 石川県の植生, 102-139, 石川県林業試験場 (1975).
327. 里見信生, 小牧 旌：(七尾・鹿島地域の) 植生. 七尾・鹿島地域自然環境調査報告書, 31-64, 石川県公害環境部 (1975).
328. 大串龍一：ビワ (害虫). 農業総覧 病害虫防除篇 追録ビワ, 1-37, 農山漁村文化協会 (1975).
329. 里見信生, 小牧 旌：(羽咋市・羽咋郡地域の) 植生. 羽咋市・羽咋郡地域自然環境調査報告書, 67-122, 石川県公害環境部 (1976).
330. 里見信生：福井県の社寺林調査. 四手井網英, 社寺林の研究・4, 177-188, 土井林学振興会 (1976).
331. 里見信生：富山県の社寺林調査. 四手井網英, 社寺林の研究・5, 19-70, 土井林学振興会 (1976).
332. 清水建美, 里見信生：保護上重要な生物 1. 植物. 沼田 真, 自然保護ハンドブック, 353-370, 東京大学出版会 (1976).
333. 大串龍一：(個体群, 害虫防除関係の項目). 沼田 真, 生態の事典, 個体群, 害虫防除の項目, 東京堂出版 (1976).
334. 大串龍一：作物保護. 農山漁村文化協会, (1976).
335. 里見信生, 小牧 旌：(県中部地域の) 植生. 県中部地域自然環境調査報告書, 69-94, 石川県環境部 (1977).

336. 里見信生：(ラン科). 奥山春季, 寺崎日本植物図譜, 1053–1083, 平凡社 (1977).
337. 里見信生：(植生図とその解説). 天然記念物緊急調査; 植生図・主要動植物地図; 17 石川県, 6; 9–24; 植生図, 文化庁 (1977).
338. 里見信生：石川県の植生. 里見信生, 石川県の自然環境 第2分冊植生, 1–8, 石川県 (1977).
339. 里見信生：水越島および大島のアカメガシワ林. 伊藤秀三：二次林保護地域検討資料, 11–12, 日本生態学会 (1977).
340. 里見信生：(シライトソウ, オゼソウ, サクライトソウ, キンユウカ, ショウジョウバカマ, ノギラン以上6項目). 伊藤道人, 週刊朝日百科; 世界の植物, 2330–2332; 2334–2335, 朝日新聞社 (1977).
341. 里見信生：高山植物. 野間省一, 講談社大百科辞典 第9巻, 240–245, 講談社 (1977).
342. 里見信生：第2部 現存種. 里見信生, 石川県樹木誌, 37–232, 石川県林業試験場 (1977).
343. 里見信生：植生よりみた土地利用. 中日新聞北陸本社北陸総合開発委員会, 北陸総合開発委員会調査報告書, 17–18, 中日新聞北陸本社 (1977).
344. 大滝哲也：変態. 福田宗一, 大滝哲也, 変態, アラタ体と幼若ホルモン, 77–103, 東京大学出版会 (1977).
345. 大串龍一, 田村重俊：作物保護指導の手引. 農山漁村文化協会 (1977).
346. 里見信生, 代崎良丸：(加賀南西部地域の) 植生. 加賀南西部地域自然環境調査報告書, 1–28, 石川県環境部 (1978).
347. 里見信生, 鳴橋直弘：白山目附谷ブナ帯のフロラ. 日本自然保護協会, 白山目附谷発電所建設計画に関する環境保全調査報告書, 131–153 日本自然保護協会 (1978).
348. 里見信生, 安鳴 隆：ヒメカワハナヒリノキ群落について. 吉岡邦二博士追悼論文集出版会, 吉岡邦二博士追悼植物生態論集, 189–194, 東北植物生態談話会 (1978).

349. 里見信生：北陸における貴重種の選出—医王山と白山において。清水建美，貴重植物の種および群落保護に関する環境科学的研究，28—33，文部省「環境科学」特別研究貴重植物班 (1978)。
350. 大滝哲也：変態の生物学。日高敏隆，変態の生物学，成虫原基，135—151，岩波書店 (1978)。
351. 大滝哲也：生物活性天然物質。柴田承二，生物活性天然物質，昆虫の生長・変態・行動を制御する物質，129—146，医歯薬出版 (1978)。
352. 里見信生，小牧 旌：(能登内浦地域の) 植生。能登内浦地域自然環境調査報告書，1—30，石川県環境部 (1979)。
353. 里見信生：1. 特定植物群落の概要，5. 特定植物群落調査票。石川県，第2回自然環境保全基礎調査特定植物群落調査報告書，1—7; 14—50; 53—58; 60—103; 120—157; 160—165; 168—173; 175—210，石川県 (1979)。
354. 里見信生：多彩な植物群。新加能風土記編集委員会，石川県の歴史と風土，244—252，創土社 (1979)。
355. 里見信生：138 ラン科。清水建美；河野昭一；藤岡知夫，アルプスの蝶と高山植物，308—327，創土社 (1979)。
356. 里見信生：医王山の植物 他 6 項目。里見信生：北陸の自然誌山篇，26; 42—43; 44; 45—46; 48; 73; 116—121，巧玄出版 (1979)。
357. 里見信生：石川県のヒュウガシズキ他 3 項目。里見信生，北陸の自然誌野編，33; 34; 44; 57—58，巧玄出版 (1979)。
358. 里見信生：加賀南部の海岸植物 他 10 項目。里見信生，北陸の自然誌海編，35—36; 37; 39; 40; 42; 45—46; 49—51; 63; 64; 67—68; 131—134，巧玄出版 (1979)。

地 学

359. 粕野義夫：日本海の謎。築地書館 (1975)。
360. 藤 則雄，粕野義夫，吉岡康暢，橋本澄夫 (編著)：金沢周辺の第四系と遺跡。北陸第四紀研究グループ (1975)。

361. 鮎野義夫：海底の地形と地質. 明石海峡漁業学術調査委員会(編), 明石海峡の漁業学術調査報告, 1—4, 明石海峡漁業学術調査委員会 (1976).
362. 鮎野義夫, 平山寅松：珠洲市の地形と地質. 珠洲市史編纂委員会(編), 珠洲市史, 資料編, 第1巻, 第1編, 第2章, 45—110. 珠洲市 (1976).
363. 郷原保真, 鮎野義夫(編)：日本の第四紀内陸盆地. 地質学論集, 14, 日本地質学会 (1977).
364. 鮎野義夫(編)：石川県の自然環境, 第1分冊, 地形地質. 石川県(1977).
365. 鮎野義夫(編図)：石川県地質図, 縮尺10万分の1. 石川県 (1977).
366. 鮎野義夫, 後藤仁敏, 磯貝文男, 神谷英利, 那須孝悌：歴史の生き証人. 湊 正雄(監修)：日本の自然, 第1章, 9—30. 平凡社 (1977).
367. 大場道男, 河野芳輝, 佐々木嘉三, 島 誠, 多田 堯, 村松郁栄：地球内部の物理・化学. 牛来正夫 監修, 新地学教育講座5. 東海大学出版会 (1977).
368. 小西健二：藻類——主として石灰藻——. 藤岡一男(編), 古生物学(IV), 68—124, 朝倉書店 (1978).
369. 松井義人, 坂野昇平：地球の物質科学——岩石・鉱物の地球科学——. 岩波講座 地球科学, 4, 岩波書店 (1979).
370. 鮎野義夫, 島津光夫, 増田孝一郎：一般地学. 共立出版株式会社(1979).
371. 鮎野義夫(編著)：日曜の地学, 6, 北陸の地質をめぐる. 築地書館 (1979).
372. 山田一雄：変化に富む地形. 新加能風土記編集委員会(編), 石川県の歴史と風土, 自然編, 202—207, 創土社 (1979).
373. 鮎野義夫：複雑な地質構造. 新加能風土記編集委員会(編), 石川県の歴史と風土, 自然編, 208—216, 創土社 (1979).

能登臨海実験所

374. エ・アルバート. 訳著井坂三郎; 秋野美樹：選択毒性(正). 東大出版会

(1976).

375. エ・アルバート訳著井坂三郎, 秋野美樹: 選択毒性(続). 東大出版会 (1977).

電波物性研究施設

376. 戸田盛和, 松田博嗣, 樋渡保秋, 和達三樹: 液体の構造と性質. 岩波書店 (1976).

低レベル放射能実験施設

- 325*. 阪上正信, 中西 孝, 小池亮治, 亀谷勝昭, 野村 保, 岡林弘之, 河田燕, 高橋正雄, 今井利夫, 山本正儀, 坂東昭次, 上杉正樹: 科学技術庁放射能測定法シリーズ12「プルトニウム分析法」. 日本分析センター. (1979).
377. M・アイゼンハット原著. 阪上正信監訳: 環境放射能第2版環境科学持論. 産業図書株式会社 (1979).

✦ 著者索引 Author Index ✦

数字は業績番号を示す。総説、解説および著書は太字による。

ABE, Shuhei	1792
ABE, Yoshikazu	1651 1652 1664 1665 1666 1667
ABURANO, Yasuhiro	1911 1931
AJIMA, Takashi	1869 1888 1889 348
AKAZA, Tohru	1590 1600 1614 1616 281
AKIYAMA, Yoshinori	1916
AMANO, Masao	1978 2003
AMANO, Ryohei	1725 1753 202
AMENO, Kiyoshi	1710
ANDO, Atsushi	1726 1727 1728 1742 1750 1775 1780 1806
ANDO, Hirokazu	1690
ANDO, Itsuko	1742 1750 1806
ANDO, Masahiro	1648
AONO, Shigeyuki	1739 195 212 223 317
AOYAMA, Shin-ichi	1756 1785 1789
ASHIDA, Nobuyuki	1812
BANNO, Shohei	1937 1939 1940 1943 1952 1953 1955 1956 1957 1958 1969 1971 1972 1974 1975 1979 1982 1989 1990 2007 2016 2017 258 263 369
CHÔ, Ikuo	188
DEGUCHI, Kisaburo	1814 1815 1816
DOHATA, Hisao	2031 2055
EBINA, Fujio	1719
ENAMI, Masaki	1956 1973 1974 2017
ENOMOTO, Yoshio	1648
FUJINAMI, Shuhei	1772 1804 1830 1831
FUJIOKA, Yoshinori	1766

FUJITA, Bun-ya	2013
FUJITA, Kazuyoshi	1709
FUKUDA, Hirohiko	1786 1818
FUKUDA, Kumio	2031
FUKUYAMA, Hidetoshi	1640
FUNABASHI, Takashi	1783
FURUKAWA, Mitiaki	1735
FURUSAWA, Harushi	1600 1615 1616
FURUTA, Yoshiomi	1601 1607
GOMI, Tomoharu	1736 1737 1810 1811
GOTO, Toshiro	2002
GOUCHI, Nobuo	1988
HAMADA, Nobuhiro	1724
HARADA, Masakazu	1876
HARITA, Mitsuru	1617
HASHIMOTO, Masaharu	1736
HASHIMOTO, Shoei	1736
HAYASHI, Yokichi	1927
HAYASHIDA, Kazunari	1627
HIGASHI, Michiko	1777
HIGASHINO, Toshio	1941 1975 1990 2015
HIRAKAWA, Saburo	1761
HIRAKI, Tatsunosuke	1750 1806
HIRAMURA, Makiko	1991
HIRATA, Seiichi	1664 1666 1667
HISADA, Kinichi	1726 1727 1728 1733 1742 1750 1775 1780 1806
HISAMATSU, Shunichi	1751 1805
HIWATARI, Yasuaki	1701 2028 2029 2032 2033 2034 2035 2036 2041 2045 2046 2050 2051 2052 2053 2054 2055 269 270 271 375
HONDA, Ryumon	1765 1767
HONDA, Yoshihide	1771
HONDA, Yoshio	1765
HONJO, Takaharu	1710 1713 1764 1765 1766 1767 1792

1793 1794 1795 **291**

HONNAMI, Hiromi	1760	1793
HORI, Shoichi	1642 1645 1651 1652 1653 1654 1655 1664 1668 1669 1670 1671 1672 1673 1684 1685 1704	
HOSHINA, Satoshi	1854 1855 1928 1929 1930	
IDA, Yayoi	1772 1774 1803	
IHARA, Yoshinori	1799	
IKEDA, Yoshino	308	
IKEMORI, Masahiko	2027	
IMADA, Naotaka	1591 1608	
IMAI, Akira	1592	
IMAI, Hiroyasu	1746	
IMAI, Kiyoyuki	1803	
IMAIZUMI, Masayuki	1988	
IMURA, Hisanori	1764 1795 1824	
INAMURA, Junko	1762 1799	
INOMATA, Katsuhiko	1674 1692 1740 1741 1756 1757 1785 1786 1787 1788 1789 1817 1818 1819 1820	
INOUE, Akihiko	1762	
ISAKA, Saburo	373 374	
ISHII, Shihoko	1609	
ISHIKAWA, Hajime	1821	
ISHIKAWA, Tomonori	1656	
ISHIMOTO, Hiroyasu	1602 1625 1636	
ISHISAKI, Kiichi	1610	
ISHIWATARI, Akira	1992	
ISHIZAKI, Yumi	1914	
ITAGAKI, Eiji	1783 1810 1811 1812	
ITAYA, Tetsumaru	1942 1990 1993 1994	
ITO, Teiichi	1723 1771	
ITOH, Hitoshi	1766	
IWASA, Junkyo	1626	
IWATA, Osamu	1956 1957 1995 2017	

JIN, Kazuo	1823
JOBA, Seiji	1745
KAGA, Koei	1809
KANAZAWA, Yasuo	1961
KASASHIMA, Seiei	1956
KASENO, Yoshio	1976 1996 2018 253 254 259 260 262 264 265 266 267 359 360 361 362 363 364 365 366 370 371 373
KASHIWABARA, Kazuo	1724
KATAGIRI, Masayuki	1736 1737 1738 1783 1810 1811 1812 1813 296 297 306 307 308 309 310 311 316 320 321 322
KATSURAGAWA, Masahiro	1740
KAWADA, Syuji	1657 1676 1693
KAWAI, Isawo	1840 1841 1859 1877 1878 1879 1903 1919 1920 1921
KAWAI, Kazuhide	1997
KAWASAKI, Sunao	1637 1638 1646 1647 1648 1658 1677 1678 1694 1695 190 285
KAWASE, Hideo	1645 1654 1655
KAWASE, Kenji	1802
KIBA, Toshiyasu	1710 1711 1713 1714 1715 1743 1759 1760 1761 1762 1763 1764 1765 1766 1767 1790 1791 1792 1793 1795 1822 1823 1824 196 197 205 206 213 214 215 224 225 226 287 288 298 299
KIDANI, Hiroshi	1783
KIHARA, Kuniaki	1943 1977 1983 1985 1997 1998 1999 2026
KIMURA, Masazo	1797
KIMURA, Minoru	1639 1640 1641
KIMURA, Yuitiro	1779
KINOSHITA, Hideki	1740 1741 1756 1757 1758 1786 1787 1789 1818 1820 1821

KITAHARA, Haruo	1593	1594	1603	1604	1618	1628	1629
KOBAYASHI, Akemi	1779						
KOBAYASHI, Hiroko	1738						
KOBAYASHI, Kazuhiro	1721						
KOBAYASHI, Yôji	1962						
KOIDE, Toshihiro	2011						
KOIZUMI, Sadayuki	1822						
KOIZUMI, Shoichi	1783						
KOJIMA, Michitaka	1611 1630						
KOJIMA, Yoshihiro	1720						
KOMATSU, Naoto	1724						
KOMURA, Kazuhisa	1735	1780	1809	2056	2057	2058	2059
	2060	2061	2062	2063	2065	2066	272
	274 278						
KONISHI, Kenji	1938	1944	1945	1963	1964	2000	2001
	2002	2010	2019	2020	252	255	368
KONISHI, Makoto	1641						
KONO, Yoshiteru	1946	1947	1970	1978	2003	2004	2005
	2006	2021	251	257	367		
KOTAKE, Hiroshi	1740	1741	1756	1757	1758	1785	1786
	1787	1788	1789	1817	1818	1819	1820
	1821						
KUNIEDA, Takashi	1661 1679						
KUTOMI, Osamu	1852						
KYOGOKU, Tetsuo	2042 2047 2048						
KYOYA, Seizo	1783						
KYUNO, Eishin	1705	1706	1707	1716	1717	1718	1719
	1744	1745	1746	1768	1769	1770	1796
	1797 1798 1799 1801						
MAEDA, Kazuyoshi	1790						
MANZAKI, Katsuhide	1718						
MARUYAMA, Shigenori	1948 2007 2009						
MASAMUNE, Genkei	1837	1842	1845	1860	1861	1880	1882
	1905 1906 1923						
MASUDA, Hiroshi	1741						

MASUZAKI, Masaru	1649 1659 1660 1661 1662 1663 1679
	1696 1697 1698 1699 1700 283 284
MATSUBARA, Hiroshi	1738
MATSUDA, Hiroshi	1731
MATSUDA, Shin-ya	2023
MATSUKAWA, Tohru	1692
MATSUMOTO, Ken	1710 1711 1712 1715 1743 1822 290
	318
MATSUMOTO, Takeo	1943 1949 1950 1961 1969 1980 1986
	1997 1998 2011 2026
MATSUMOTO, Tetsu	1765
MATSUOKA, Kikuji	2009
MATSUOKA, Shin-ichi	2030 2031 2042 2047 2048 2055
MATSUURA, Nobuomi	1981
MITRA, Samiran	1828 1829
MITSUHASHI, Toshihiko	1776
MIURA, Yuichi	1690
MIYANO, Osamu	1757 1818 1820
MIYATANI, Shin-ya	1656 1690 1691 282
MIYAWAKI, Toshio	1783
MIYOSHI, Ken-ichi	1626
MOHRI, Tatsuma	1692
MORI, Hirofumi	1806
MORI, Senzi	1691
MORI, Takeshi	1939 1954 1955
MOTOYA, Yoshinori	2001
MURAI, Kiyoko	1706
MURAMOTO, Satoru	1773 1802
MURATA, Yasue	1740 1787
NAGAMINE, Shin-ichi	1612
NAGASAKI, Shunji	1749
NAGASAWA, Ryoichi	1595
NAGATA, Masao	1704
NAKADA, Kiyoto	1619
NAKADA, Setsuya	2008

NAKAGAWA, Chie	1719
NAKAGAWA, Shigeo	1769
NAKAGOSHI, Norikata	1596 1631
NAKAHASHI, Noriko	1901 1917 1918
NAKAJIMA, Takashi	1982 1990 2009
NAKAMICHI, Osamu	1938
NAKAMURA, Hiroto	1983
NAKAMURA, Kenji	1956
NAKAMURA, Koji	1917 1918
NAKAMURA, Tomio	1781
NAKAMURA, Yasuji	1783
NAKANISHI, Takashi	1730 1777 1778 191 192 193 194
	211 232 325
NAKASHIMA, Hironori	1783
NAKASHIMA, Shoji	1722
NAKAYAMA, Yukiharu	1819
NAKAZONO, Kaoru	1750 1780
NARUHASHI, Naohiro	1847 1848 347
NATSUME, Yasushi	1716
NIINUMA, Jin-itsu	1657
NIO, Hiroki	1725
NISHIDA, Kojiro	1854 1855 1891 1892 1910 1926 1927
	245
NISHIKAWA, Hiroaki	1724
NISHIKAWA, Kiyoshi	1754 1755
NISHIMOTO, Hideyuki	1798
NISHIMURA, Naoki	1867
NISHIWAKI, Yasushi	1779 277
NOJI, Kazuhiko	1800
OBATA, Masaaki	1939
ÔHASHI, Katsuhiko	1620
OHASHI, Mikiko	1777
OHASHI, Nobukimi	2031 2042 2047 2048
OHBA, Shigeki	1745
OHBA, Shigeru	1831

OHGUSHI, Ryoh-ichi	1858 1873 1874 1875 1899 1900 1901 1902 1917 1918 1934 1935 1936	236 240 246 247 248 249 250 328 333 334 345
OHKI, Tsutomu		1717
OHNO, Masanobu		1925
OHTA, Foroku		1783
OHTAKI, Tetsuya	1872 1897 1898 1915 1916 1933	238 239 244 344 350 351
OHYAMA, Jun-ichi		1768
OKAZAKI, Ken-ichi		1832
OKAZAKI, Takashi		1687
OKI, Hisaya		1826 1827
OKUBO, Takashi		1732
OKUDA, Kiyooki		1763 1790
OMOTE, Masakatsu		1744
OMURA, Akio	1938 1965 1966 1967 1984 2010 2022 2024 2025	256
Ooba, Tomiko		1714
OTSUBO, Noriyasu		1686
OTSUKA, Kôichi	1853 1870 1886 1890	
OTSUKI, Masayuki	1990 1993	
SADO, Akira		1709 1754
SAITO, Yoshihiko		1831
SAKAI, Eiichi		1590 1617
SAKAI, Kohzo		2011
SAKAI, Masaharu		1774
SAKAI, Shigeru		1774
SAKAMOTO, Koh	1726 1727 1728 1729 1733 1735 1750 1775 1780 1806 1807 1808 1809 1833	218 221 222 295
SAKAMOTO, Yasuko		1789
SAKANOUÉ, Masanobu	1708 1725 1731 1732 1734 1751 1752 1753 1776 1777 1779 1781 1782 1805 1834 1835 2056 2057 2058 2064 2065	

2067 191 192 202 203 204 219 273
 275 276 277 279 280 303 304 305
325

SANADA, Yukika 1892
 SASAKI, Satoshi 1986
 SATO, Hiroaki 1947 1951 1959 1960 1987 2012 2013
 2014 **261 268**

SATO, Hiroshi 1736 1737 1810 1812
 SATO, Sho-ichi 1831
 SATOMI, Nobuo 1836 1837 1838 1839 1842 1843 1844
 1845 1846 1847 1848 1849 1850 1851
 1860 1861 1862 1863 1864 1865 1966
 1867 1868 1880 1881 1882 1883 1884
 1885 1886 1887 1904 1905 1906 1907
 1908 1922 1923 1924 1925 **234 237**
241 242 243 326 327 329 330 331
332 335 336 337 338 339 340 341
342 343 346 347 348 349 352 353
354 355 356 357 358

SEKINE, Tsutomu 1781 1835
 SEKIYA, Hiroshi 1754
 SEKIYA, Shigeru 1718
 SHAKO, Masaki 1654 1655
 SHIBATA, Muraji 1720 1721 1722 1723 1724 1747 1748
 1749 1771 1772 1773 1774 1802 1803
 1804 1830 1831 1832 **198 199 200**
207 208 209 210 217 220 286 293
294 302 314 315 319 324

SHIMA, Shigeki 1795
 SHIMBA, Satoru 1830 1831
 SHIMIZU, Genji 1711
 SHIMOZAWA, Hideo 1781 1782
 SHIRAI, Susumu 1621 1632 1633
 SHIROTA, Yoshiaki 1726 1727 1728 1733 1734 1775 1780
 1782

SUGIMOTO, Kazu	1784
SUHARA, Katsuko	1736 1737 1738 1810 1811 1812 1813
	306 307 308
SUHARA, Masahiko	1709 1784
SUMITA, Manabu	1717 1788
SUTO, Shigeru	1968
SUZUKI, Kan-ichi	1613
SUZUKI, Kenji	309
SUZUKI, Tsuneo	1642 1643 1644 1650 1651 1652 1664 1665 1666 1667 1688 1689 1702 1703
SUZUKI, Yutaka	1775
TAKAGI, Jinzaburo	1729
TAKAHASHI, Shigeru	1597 1598 1599 1634 1635
TAKEGOSHI, Kenshō	1622
TAKEMORI, Shigeki	1736 1737 1738 1810 1811 1812 296
	297 306 307 308 309
TAKEMOTO, Hisayo	1787
TAKENAKA, Hideto	1747 1748
TAKENAKA, Shuhei	2015
TAKESHITA, Masazumi	1750
TAKEUCHI, Akira	1947
TAKIKAWA, Osamu	1811 1813
TAMEIKE, Seiichi	1643 1644 1650 1686
TAMURA, Hiroshi	1686
TANABE, Kumiko	1757 1786
TANAKA, Shigeo	1729 1735 2056
TANAKA, Taeko	1794
TANAKA, Takeo	2002 2019
TERADA, Kikuo	1710 1714 1715 1742 1760 1761 1762 1763 1790 1791 216 227 228 229 286
	289 300 301
TERASHIMA, Shinsei	1957
TOMIOKA, Kazutoshi	1909
TOMODA, Akio	1784
TSUCHIYA, Masato	1936

TSUCHIYA, Ryokichi	1705	1706	1707	1716	1717	1718	1719
	1744	1745	1746	1748	1769	1770	1796
	1797	1798	1799	1800	1801	1826	1827
	1828	1829	230	231	312		
TSUJI, Yoshihiro							2002
TSUNEKAWA, Seikyo							1754
TSUTSUMI, Masumi							1819
TSUZUKI, Teruaki							2021
UEDA, Naotaka							1739
UEHARA, Akira	1705	1706	1707	1716	1717	1718	1719
	1744	1745	1746	1768	1769	1770	1796
	1797	1798	1799	1800	1801	1828	1829
	230	292	313				
UEMORI, Yoshio							1801
UENO, Kazuyoshi							1605
UESUGI, Masaki							2056
UMEBACHI, Yoshishige	1856	1857	1871	1893	1894	1895	1896
	1911	1912	1913	1931	1932	235	
UNEMOTO, Toshiyuki							1713
UNO, Yoshikazu							1623
WADA, Keishiro							1738
WAKASA, Akira							1642
WATANABE, Chikara	1587	1588	1589	1606	1619	1624	
YAGI, Teiichiro							1648
YAMADA, Eiji	1642	1643	1644	1650	1651	1652	1664
	1665	1666	1667	1668	1686	1687	
YAMADA, Kazuhiko							850
YAMADA, Kazuo							372
YAMAGATA, Yukio				1674	1675	1692	189
YAMAMOTO, Akio							2021
YAMAMURA, Hitoshi							1800
YAMANA, Kazuo							2026
YAMANAKA, Toshimasa							1724
YAMANASHI, Kiwamu	1651	1652	1664	1665	1666	1667	1687
YAMASAKI, Masao				1952	1953	2015	2016

YAMASHIRO, Yoshihiro	1818
YAMASHITA, Atsunori	1674
YAMASHITA, Hiroyuki	1871 1893
YAMAZAKI, Masatoshi	1669 1670 1680 1681 1682 1683 2037 2038 2039 2040 2043 2044 2049
YANAGIHARA, Mihiro	1691
YAZIMA, Takaaki	1901 1918
YOKOYAMA, Kazumi	1954 1956 1957 1969 1971
YOROZU, Shinsuke	1593 1594 1603 1604 1618 1628
YOSHIDA, Jitsuo	1636
YOSHIHARA, Kenji	1782
YOSHIKUNI, Tadatsugu	1769 1770 1796 1798 1829
YOSHIMURA, Yoshitake	1826 1827
YOSHIOKA, Mitsuo	1708

金沢大学
理学部論文および著書目録
No. 5 (1975-1979)

昭和 55 年 3 月 25 日 印刷

昭和 55 年 3 月 27 日 発行

発行者 金沢大学理学部
金沢市丸の内1の1

印刷所 田中昭文堂印刷(株)
金沢市彦三町1-7-30