Shinjiro Hayakawa

List of Publications by Year
in descending order

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132	1,921	236612	329751
papers	citations	25 h-index	37 g-index

135	135	135	1701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vertical profiles of Iodine-131 and Cesium-137 in soils in Fukushima Prefecture related to the Fukushima Daiichi Nuclear Power Station Accident. Geochemical Journal, 2012, 46, 73-76.	0.5	129
2	A scanning transmission x-ray microscope for materials science spectromicroscopy at the advanced light source. Review of Scientific Instruments, 1998, 69, 2964-2973.	0.6	96
3	Removal of hydrogen sulfide using crushed oyster shell from pore water to remediate organically enriched coastal marine sediments. Bioresource Technology, 2009, 100, 4127-4132.	4.8	80
4	Properties of individual Asian dust storm particles collected at Kosan, Korea during ACE-Asia. Atmospheric Environment, 2004, 38, 1133-1143.	1.9	52
5	Combined adsorption and oxidation mechanisms of hydrogen sulfide on granulated coal ash. Journal of Colloid and Interface Science, 2012, 377, 284-290.	5.0	51
6	A numerical simulation of total reflection X-ray photoelectron spectroscopy (TRXPS). Spectrochimica Acta, Part B: Atomic Spectroscopy, 1992, 47, 983-991.	1.5	50
7	Mechanisms of Hydrogen Sulfide Removal with Steel Making Slag. Environmental Science & Technology, 2012, 46, 10169-10174.	4.6	49
8	Construction and Commissioning of BL37XU at SPring-8. AIP Conference Proceedings, 2004, , .	0.3	45
9	Analysis of trace Co in synthetic diamonds using synchrotron radiation excited X-ray fluorescence analysis. Journal of Crystal Growth, 2000, 210, 388-394.	0.7	44
10	Fluorescence xâ€ray absorption fine structure measurements using a synchrotron radiation xâ€ray microprobe. Review of Scientific Instruments, 1991, 62, 2545-2549.	0.6	42
11	Development of a scanning xâ€ray microprobe with synchrotron radiation. Review of Scientific Instruments, 1989, 60, 2452-2455.	0.6	40
12	A Scanning X-Ray Fluorescence Microprobe with Synchrotron Radiation. Japanese Journal of Applied Physics, 1987, 26, L1260-L1262.	0.8	39
13	Depth selective X-ray absorption fine structure spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1994, 49, 739-743.	1.5	33
14	Total reflection X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 313-318.	0.8	33
15	Characterization of Calcium Carbonate Polymorphs with Ca K Edge X-ray Absorption Fine Structure Spectroscopy. Analytical Sciences, 2008, 24, 835-837.	0.8	33
16	Generation of an X-ray microbeam for spectromicroscopy at SPring-8 BL39XU. Journal of Synchrotron Radiation, 2001, 8, 328-330.	1.0	32
17	Inelastic Mean Free Path of Photoelectrons in Ag Determined by Total Reflection X-Ray Photoelectron Spectroscopy. Analytical Sciences, 1997, 13, 797-801.	0.8	31
18	Preparation and StructuralCharacterization of Ru^{II}â€DMSO and Ru^{III}â€DMSOâ€substituted Î±â€Kegginā€type Phosphotungstates, [PW₁₁O₃₉Ru^{II}DMSO]^{5â€“} and [PW₁₁O₃₉Ru^{III}DMSO]^{4â€“}, and Catalytic Activity for Water Oxidation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1467-1474.	0.6	31

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19	Highly active and selective Ti-incorporated porous silica catalysts derived from grafting of titanium(<scp>iv</scp>)acetylacetonate. Journal of Materials Chemistry A, 2015, 3, 15280-15291.	5.2	30
20	X-Ray Absorption and Photoelectron Spectroscopies Using Total Reflection X-Rays. Analytical Sciences, 1995, 11, 519-524.	0.8	28
21	Field experiments on remediation of coastal sediments using granulated coal ash. Marine Pollution Bulletin, 2014, 83, 132-137.	2.3	28
22	Development of scanning X-ray microscopes for materials science spectromicroscopy at the Advanced Light Source. Journal of Synchrotron Radiation, 1998, 5, 1090-1092.	1.0	27
23	Atomic-Resolution X-Ray Fluorescence Holography of Zn (0.02 wt%) in a GaAs Wafer.. Analytical Sciences, 1998, 14, 987-990.	0.8	27
24	Stabilization of Highâ€Valence Ruthenium with Silicotungstate Ligands: Preparation, Structural Characterization, and Redox Studies of Ruthenium(III)â€Substituted Î±â€Keggináâ€Type Silicotungstates with Pyridine Ligands, [SiW₁₁O₃₉Ru^{III}(Py)]^{5â^'}. Chemistry - an Asian Journal, 2012, 7, 1331-1339.	1.7	27
25	The nature of individual solid particles retained in size-resolved raindrops fallen in Asian dust storm event during ACE-Asia. Atmospheric Environment, 2004, 38, 2951-2964.	1.9	26
26	Removal of Hydrogen Sulfide Using Granulated Coal Ash. Journal of Japan Society on Water Environment, 2009, 32, 363-368.	0.1	26
27	Highly Active Layered Titanosilicate Catalyst with High Surface Density of Isolated Titanium on the Accessible Interlayer Surface. ChemCatChem, 2018, 10, 2536-2540.	1.8	25
28	X-ray microanalysis with energy tunable synchrotron X-rays. Nuclear Instruments & Methods in Physics Research B, 1990, 49, 555-560.	0.6	24
29	Development of apparatus for multiple energy X-ray holography at SPring-8. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1241-1244.	0.7	24
30	Photocatalytic Activation of Câ€“H Bonds by Spatially Controlled Chlorine and Titanium on the Silicate Layer. ACS Catalysis, 2019, 9, 5742-5751.	5.5	22
31	Amorphous-to-Crystal Transition in Quasi-Two-Dimensional MoS₂: Implications for 2D Electronic Devices. ACS Applied Nano Materials, 2021, 4, 8834-8844.	2.4	22
32	Sample current maximum at the critical angle of xâ€ray total reflection. Applied Physics Letters, 1993, 63, 269-271.	1.5	20
33	A wavelength dispersive Xâ€“ray spectrometer for small area Xâ€“ray fluorescence spectroscopy at SPringâ€“8 BL39XU. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 171-177.	1.5	20
34	Regeneration of manganese oxide as adsorption sites for hydrogen sulfide on granulated coal ash. Chemical Engineering Journal, 2014, 254, 531-537.	6.6	20
35	Development of a high mass-resolution TOF-ERDA system for a wide mass range. Nuclear Instruments & Methods in Physics Research B, 1997, 124, 95-99.	0.6	19
36	X-ray microprobe system for XRF analysis and spectroscopy at SPring-8 BL39XU. Journal of Synchrotron Radiation, 1998, 5, 1114-1116.	1.0	18

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37	Synthesis of Poly(dithienogermole)s. Organometallics, 2016, 35, 2333-2338.	1.1	18
38	Spatial distribution of hydrogen sulfide and sulfur species in coastal marine sediments Hiroshima Bay, Japan. Marine Pollution Bulletin, 2018, 133, 891-899.	2.3	18
39	Surface Sensitive X-ray Absorption Fine Structure Measurement Using Sample Current Induced by Totally Reflected X-rays.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1993, 69, 179-184.	1.6	17
40	Depth-Selective Chemical State Analysis of Fine Particles Using X-ray Absorption. Analytical Chemistry, 1995, 67, 1526-1529.	3.2	17
41	Properties of the size-resolved and individual cloud droplets collected in western Japan during the Asian dust storm event. Atmospheric Environment, 2004, 38, 4519-4529.	1.9	17
42	High Spatial Resolution XAFS and Its Imaging Applications. Japanese Journal of Applied Physics, 1993, 32, 160.	0.8	17
43	Cobalt impurities in synthetic diamond. Diamond and Related Materials, 1999, 8, 1895-1899.	1.8	16
44	Evolution of the KÂ x-ray satellites for Fe, Ni and Zn: from threshold to saturation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 4065-4072.	0.6	16
45	Optimum reaction ratio of coal fly ash to blast furnace cement for effective removal of hydrogen sulfide. Chemosphere, 2017, 168, 384-389.	4.2	16
46	X-Ray Fluorescence Holography of SrTiO3 Compared with X-Ray Photoelectron Holography.. Analytical Sciences, 1998, 14, 903-907.	0.8	15
47	Enhanced photocatalytic activity of Pt/WO₃photocatalyst combined with TiO₂nanoparticles by polyelectrolyte-mediated electrostatic adsorption. Catalysis Science and Technology, 2015, 5, 1163-1168.	2.1	15
48	Epitaxial Growth of InAs on Single-Crystalline Mn-Zn Ferrite Substrates. Japanese Journal of Applied Physics, 1999, 38, L854-L856.	0.8	14
49	X-ray analysis of a single aerosol particle with combination of scanning electron microscope and synchrotron radiation X-ray microscope. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2004, 59, 1311-1315.	1.5	14
50	Data Processing for Obtaining Atomic Images from SrTiO3X-Ray Fluorescence Hologram. Japanese Journal of Applied Physics, 2000, 39, 1414-1417.	0.8	13
51	Isotachophoretic separation behavior of rare-earth EDTA chelates and analysis of minor rare-earth elements in an iron ore by bidirectional isotachophoresisâ€“particle-induced X-ray emission. Journal of Chromatography A, 2001, 919, 417-426.	1.8	13
52	Direct observation of fractional change of niobium ionic species in a solution by means of Xâ€ray absorption fine structure spectroscopy. X-Ray Spectrometry, 2012, 41, 259-263.	0.9	13
53	Nondestructive Differentiation of Polyester Single White Fibers Using Synchrotron Radiation Microbeam Xâ€ray Fluorescence Spectrometry with Vertical Focusing. Journal of Forensic Sciences, 2020, 65, 1474-1479.	0.9	13
54	Preparation of tetrabutylammonium salt of a mono-Ru(iii)-substituted Î±-Keggin-type silicotungstate with a 4,4â€²-bipyridine ligand and its electrochemical behaviour in organic solvents. Dalton Transactions, 2013, 42, 7190.	1.6	12

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55	An experimental comparison of the total-electron-yield and conversion-electron-yield modes for near-surface characterization using X-ray excitation. Journal of Electron Spectroscopy and Related Phenomena, 1997, 87, 81-89.	0.8	11
56	Synchrotron radiation x-ray excited optical luminescence for chemical state selective analysis. X-Ray Spectrometry, 1999, 28, 515-518.	0.9	11
57	Distribution of chemical elements and chemical states of sulfur on kosa particles fallen in Asian industrialized cities. Bunseki Kagaku, 2004, 53, 1411-1418.	0.1	11
58	Micro-beam XRF and Feâ€“K Edge XAFS on the Cross Section of the Rust Layer Formed on a Weathering Steel. ISIJ International, 2011, 51, 93-98.	0.6	11
59	Epitaxial growth of MnAs on single-crystalline Mnâ€“Zn ferrite substrates. Journal of Crystal Growth, 2000, 208, 395-400.	0.7	10
60	Determination of the chemical properties of residues retained in individual cloud droplets by XRF microprobe at SPring-8. Nuclear Instruments & Methods in Physics Research B, 2004, 217, 657-665.	0.6	10
61	Accelerated growth from amorphous clusters to metallic nanoparticles observed in electrochemical deposition of platinum within nanopores of porous silicon. Electrochemistry Communications, 2016, 71, 9-12.	2.3	10
62	Depth selective chemical state analysis of fly ash with simultaneous XANES measurement of total electron and X-ray fluorescence yields. Physica B: Condensed Matter, 1995, 208-209, 237-238.	1.3	9
63	Possibility of the Discrimination of Different Chemical States by Energy-Dispersive X-Ray Spectroscopy.. Analytical Sciences, 1998, 14, 1139-1144.	0.8	9
64	MICROBEAM XANES AND X-RAY FLUORESCENCE ANALYSIS OF CADMIUM IN KIDNEY. Instrumentation Science and Technology, 2001, 19, 541-546.	0.8	9
65	Relationship between element-selective electronic states and hydrogen absorption properties of Pd-M(M=Ru,Rh,Ag,and Au)alloys. Physical Review B, 2017, 95, .	1.1	9
66	Macroporous SiC Formation in Anodizing Triggered by Irradiation-Induced Lattice Defects. Journal of Physical Chemistry C, 2020, 124, 11032-11039.	1.5	9
67	Xâ€“ray absorption fine structure (XAFS) of Si wafer measured using total reflection Xâ€“rays. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 215-222.	1.5	8
68	TRACE ELEMENT QUANTIFICATION USING SYNCHROTRON RADIATION X-RAY FLUORESCENCE ANALYSIS. Analytical Sciences, 1991, 7, 509-512.	0.8	7
69	Distributions of Trace Elements in Biogenic Carbonate Minerals of Precious Corals by X-ray Fluorescence Analysis. Bunseki Kagaku, 2010, 59, 521-530.	0.1	7
70	Propylene/propane Permeation Properties of Metal-doped Organosilica Membranes with Controlled Network Sizes and Adsorptive Properties. Journal of the Japan Petroleum Institute, 2016, 59, 140-148.	0.4	7
71	Electrosynthesis of Layered Organo-Manganese Dioxide Framework-Doped with Cobalt for Iodide Sensing. Langmuir, 2017, 33, 4647-4653.	1.6	7
72	Coordination and structure of Ca(II)-acetate complexes in aqueous solution studied by a combination of Raman and XAFS spectroscopies. Journal of Molecular Structure, 2018, 1161, 512-518.	1.8	7

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73	Thermal Stability Change of Insoluble Sulfur by a Heat Treatment and Its Mechanism Study. Analytical Sciences, 2020, 36, 75-79.	0.8	7
74	Iron and Chromium as Impurities in Artificial Diamonds.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 7, 998-1000.	0.1	6
75	HIGH RESOLUTION X-RAY FLUORESCENCE MEASUREMENTS USING A FLAT ANALYZER CRYSTAL AND AN X-RAY CCD. Instrumentation Science and Technology, 2001, 19, 615-621.	0.8	6
76	DNA aggregation and cleavage in CGE induced by high electric field in aqueous solution accompanying electrokinetic sample injection. Electrophoresis, 2013, 34, 3155-3162.	1.3	6
77	Removal of hydrogen sulfide with steelmaking slag by concurrent reactions of sulfide mineralization and oxidation. Ecological Engineering, 2014, 63, 122-126.	1.6	6
78	Mechanism of Accelerated Zinc Electrodeposition in Confined Nanopores, Revealed by X-ray Absorption Fine Structure Spectroscopy. Journal of Physical Chemistry C, 2017, 121, 18047-18056.	1.5	6
79	Identifying sulfur species adsorbed on particulate matters in exhaust gas emitted from various vessels. Chemosphere, 2019, 223, 399-405.	4.2	6
80	Quantitative Measurement on Removal Mechanisms of Phosphate by Classâ€“F Fly Ash. International Journal of Coal Preparation and Utilization, 2020, 40, 892-903.	1.2	6
81	FT-IR Study of Ester Solubilization into a Micelle Solution. Applied Spectroscopy, 1987, 41, 1438-1441.	1.2	5
82	Feasibility Studies of X-Ray Computed Tomography for Forensic Examination of Single Fibers. Analytical Sciences, 2021, 37, 1401-1406.	0.8	5
83	Elemental Distribution on the Scale of the Red Sea Bream Chrysophrys major Scanned by a Synchrotron Monochromatized X-ray Microbeam.. Nippon Suisan Gakkaishi, 1991, 57, 1813-1819.	0.0	4
84	Chemical States of Piled-up Phosphorus and Arsenic Atoms at the SiO₂/Si Interface. Japanese Journal of Applied Physics, 1999, 38, 552.	0.8	4
85	A Rietveld-analysis program for X-ray powder spectro-diffractometry. Powder Diffraction, 1999, 14, 106-110.	0.4	4
86	Investigation of Individual Micrometer-Size Kosa Particle with On-Site Combination of Electron Microscope and Synchrotron X-Ray Microscope. Analytical Sciences, 2005, 21, 839-843.	0.8	4
87	Elemental Distribution in Individual Rain Droplets Determined by a Combination of the Replication Method and the Synchrotoron Radiation X-ray Fluorescence Microprobe Technique. Analytical Sciences, 2006, 22, 415-419.	0.8	4
88	Characterization of calcium carbonate polymorphs with Ca K edge X-ray absorption fine structure spectroscopy. Analytical Sciences, 2008, 24, 835-7.	0.8	4
89	Growth of diamond with Zr-containing molten metal solvents and metal elements as incorporated impurities. Diamond and Related Materials, 1999, 8, 1438-1440.	1.8	3
90	A compact x-ray beam intensity monitor using gas amplified sample current measurement. Review of Scientific Instruments, 2000, 71, 20-22.	0.6	3

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91	X-ray Absorption Near Edge Structure Study on Valence Changes of Ni and Co in Li1-xNi0.82Co0.15M0.03O2 (M = Nb, Ti) Cathode Materials. Electrochemistry, 2010, 78, 454-456.	0.6	3
92	An application of micro X-ray fluorescence computed tomography for the determination of three-dimensional elemental distribution in a single hair strand. Journal of Analytical Atomic Spectrometry, 2021, 36, 1041-1046.	1.6	3
93	Site-Selective Chemical State Analysis for Magnetite Structure Using Powder Spectro-Diffractometry. Japanese Journal of Applied Physics, 1999, 38, 381.	0.8	3
94	Trace element characterization using a synchrotron radiation X-ray microprobe.. Bunseki Kagaku, 1996, 45, 125-134.	0.1	2
95	Improvement in the Detection Limits of Elastic Recoil Detection Analysis (ERDA) Using a Time-of-Flight Detection. Japanese Journal of Applied Physics, 1997, 36, L952-L954.	0.8	2
96	Material analysis end-station of the Hyogo-ken beamline at SPring-8. Journal of Synchrotron Radiation, 1998, 5, 509-511.	1.0	2
97	Spectro-Diffractometry for Chemical-State Analysis Based on In-Advance Simulations. Bulletin of the Chemical Society of Japan, 1998, 71, 2375-2380.	2.0	2
98	Conversion electron yield X-ray absorption fine structure measurements under atmospheric conditions. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 235-239.	1.5	2
99	Simultaneous Detection of X-Ray Fluorescence and Conversion Electrons for Depth Selective XAFS Analysis. AIP Conference Proceedings, 2007, , .	0.3	2
100	Trace Analysis of Cadmium in Rice by the Selective Excitation of L-Shell X-ray Fluorescence. Bunseki Kagaku, 2011, 60, 613-618.	0.1	2
101	Mechanisms of solidification and subsequent embrittlement of dephosphorization slag used in a subtidal zone as an alternative to sea sand and prevention of solidification by adding dredged soil. Clean Technologies and Environmental Policy, 2016, 18, 1167-1176.	2.1	2
102	Removal of hydrogen sulfide gas using coal fly ash â€“ blast furnace cement composite. Journal of Water Sanitation and Hygiene for Development, 2021, 11, 824-830.	0.7	2
103	O K-V Spectra of Oxides and Superconducting Materials. Advances in X-ray Analysis, 1992, 36, 65-72.	0.0	2
104	Present Status of Micro XAFS Method and Its Application to Cross-sectional Structural Analysis of Steel Rust Layer. Hyomen Kagaku, 2014, 35, 146-151.	0.0	2
105	Local Structure of amorphous Organotin Sulfide Clusters by lowâ€energy XAFS. Physica Status Solidi (B): Basic Research, 0, , .	0.7	2
106	Structure Determination in a New Class of Amorphous Cluster Compounds with Extreme Nonlinear Optical Properties. Journal of the Physical Society of Japan, 2022, 91, .	0.7	2
107	Chapter 3 Microbeam and chemical state analysis. Analytical Spectroscopy Library, 1996, 7, 171-206.	0.1	1
108	Determination of the Mass Resolution and the Depth Resolution of Time of Flight Elastic Recoil Detection Analysis Using Heavy Ion Beams. Japanese Journal of Applied Physics, 1997, 36, 5737-5740.	0.8	1

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109	Development of a High Mass-Resolution TOF-ERDA System for a Wide Mass Range from Hydrogen to Middle Heavy Elements.. Analytical Sciences, 1997, 13, 365-368.	0.8	1
110	Spin State Analysis of Epitaxial Mn Compound Films Using High Resolution X-Ray Fluorescence. Japanese Journal of Applied Physics, 1999, 38, 5077-5078.	0.8	1
111	Electron Spectroscopy Using a Gas-Flow Proportional Counter under Gaseous Environment and its Application to X-Ray absorption fine structure Measurements. Japanese Journal of Applied Physics, 1999, 38, 2161-2163.	0.8	1
112	Spectromicroscopy using an x-ray microprobe at SPring-8 BL39XU. AIP Conference Proceedings, 2000, , .	0.3	1
113	Analysis for Chemical Characterization of Atmospheric Aerosols Application of X-ray Microprobe System and Double Thin Film Method. Environmental Monitoring and Assessment, 2006, 120, 575-584.	1.3	1
114	Contribution of Ni KLL Auger Electrons to the Probing Depth of the Conversion Electron Yield Measurements. Analytical Sciences, 2010, 26, 233-237.	0.8	1
115	Single-crystal structure analysis of designer drugs circulating in the Japanese drug market by the synchrotron radiation X-ray diffraction. Powder Diffraction, 2017, 32, 112-117.	0.4	1
116	Characterization of individual aerosol particles using an X-ray microprobe. European Physical Journal Special Topics, 2003, 104, 309-312.	0.2	1
117	M_{2,3} Edge Core-level Magnetic Circular Dichroism Measurements of Cu/Co Multilayers. Japanese Journal of Applied Physics, 1999, 38, 419.	0.8	1
118	Nonâ€destructive analysis of hollowâ€shaped single fibers using Xâ€ray computed tomography. Journal of Forensic Sciences, 2022, , .	0.9	1
119	In-Advance Simulation and Chemical State Analysis by Spectro-Diffractometry. Chemistry Letters, 1998, 27, 761-762.	0.7	0
120	Light element analysis in steel by highâ€“energy heavyâ€“ion time of flight elastic recoil detection analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 151-157.	1.5	0
121	Development of a compact beam intensity monitor for micro X-ray absorption fine structure measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 901-904.	0.7	0
122	Hydrophobic modification of SiO₂ surface with disilanobiphenyl and disilanobithiophene and the application to pentacene-based organic transistors. Composite Interfaces, 2019, 26, 221-231.	1.3	0
123	â€œNew Horizons in Analytical Sciences of Functional Materialsâ€• Analytical Sciences, 2019, 35, 357-357.	0.8	0
124	Ti K-edge XAFS investigation of lithium migration in lithium titanium oxide anode material under charge and discharge cycle. Radiation Physics and Chemistry, 2020, 175, 108110.	1.4	0
125	Micro X-Ray Fluorescence Analysis with Synchrotron Radiation. Advances in X-ray Analysis, 1988, 32, 141-147.	0.0	0
126	Near-Surface-Layer Analysis by Critical Takeoff-Angle X-Ray Fluorescence Detection. Advances in X-ray Analysis, 1992, 36, 257-262.	0.0	0

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127	Characterization of Impurities in Synthetic Diamonds by Using Synchrotron Radiation X-ray Fluorescence Analysis.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 8, 147-154.	0.1	0
128	In situ semi-quantitative analysis of zinc dissolution within nanoporous silicon by X-ray absorption fine-structure spectroscopy employing an X-ray compatible cell. Journal of Synchrotron Radiation, 2019, 26, 119-123.	1.0	0
129	â€œNew Horizons in Analytical Sciences of Functional Materialsâ€• Analytical Sciences, 2019, 35, 233-233.	0.8	0
130	X-ray transmission measurements of the gate valve for the x-ray astronomy satellite XRISM. , 2020, , .		0
131	â€œNew Horizons in Analytical Sciences of Functional Materialsâ€• Analytical Sciences, 2020, 36, 3-3.	0.8	0
132	Effects of Post-heat Treatment on Thermal Stability and Yield of Insoluble Sulfur and Elucidation of Its Mechanism through ESR Technique. Nippon Gomu Kyokaishi, 2020, 93, 345-351.	0.0	0