

Yoshiyuki Amemiya

List of Publications by Year in descending order

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papers

7,216
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61984

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Microscopic structural response of nanoparticles in styrene-butadiene rubber under cyclic uniaxial elongation. <i>Polymer Journal</i> , 2019, 51, 161-171.	2.7	6
2	X-ray Hanbury Brown-Twiss interferometry for determination of ultrashort electron-bunch duration. <i>Physical Review Accelerators and Beams</i> , 2018, 21, .	1.6	27
3	A study of ADMET polyethylene with 21-carbon branches on every 15th compared to every 19th carbon: What a difference four extra backbone methylenes make. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3090-3096.	2.3	3
4	Volume Phase Transitions of Slide-Ring Gels. <i>Polymers</i> , 2016, 8, 217.	4.5	6
5	Some features of the Structure Rearrangement in Mixed and Binary Zr-Ti Sol-xerogels. <i>Physics Procedia</i> , 2016, 84, 307-314.	1.2	0
6	Distribution of sulfur in styrene-butadiene rubber studied with anomalous small-angle X-ray scattering at sulfur K-edge. <i>Polymer</i> , 2016, 105, 368-377.	3.8	7
7	Observation of femtosecond X-ray interactions with matter using an X-ray-X-ray pump-probe scheme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1492-1497.	7.1	80
8	Effect of finite spatial coherence length on small-angle scattering. <i>Journal of Applied Crystallography</i> , 2015, 48, 1660-1664.	4.5	4
9	Macroscopically homogeneous deformation in injection molded polypropylene induced by annealing studied with microbeam X-ray scattering. <i>Polymer</i> , 2015, 70, 315-325.	3.8	9
10	Microscopic deformation behavior of hard elastic polypropylene during cold-stretching process in fabrication of microporous membrane as revealed by synchrotron X-ray scattering. <i>Polymer</i> , 2015, 70, 215-221.	3.8	19
11	X-ray irradiation induces local rearrangement of silica particles in swollen rubber. <i>Journal of Synchrotron Radiation</i> , 2015, 22, 119-123.	2.4	14
12	Dynamic photoinduced realignment processes in photoresponsive block copolymer films: effects of the chain length and block copolymer architecture. <i>Soft Matter</i> , 2015, 11, 5918-5925.	2.7	22
13	New Aspects for the Hierarchical Cooperative Motions in Photoalignment Process of Liquid Crystalline Block Copolymer Films. <i>Macromolecules</i> , 2015, 48, 2217-2223.	4.8	29
14	Photo-switching Behavior of Microphase Separated Structure in Liquid Crystalline Azobenzene Block Copolymers Possessing Different Poly(alkyl methacrylate) Blocks. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 617, 5-13.	0.9	3
15	Characterizing transverse coherence of an ultra-intense focused X-ray free-electron laser by an extended Young's experiment. <i>IUCr</i> , 2015, 2, 620-626.	2.2	18
16	Micro Scale Distribution of Nanoparticles Studied with X-ray Near-Field Scattering. <i>Kobunshi Ronbunshu</i> , 2014, 71, 580-585.	0.2	0
17	Pinhole-type two-dimensional ultra-small-angle X-ray scattering on the micrometer scale. <i>Journal of Synchrotron Radiation</i> , 2014, 21, 1-4.	2.4	15
18	Pathways toward Photoinduced Alignment Switching in Liquid Crystalline Block Copolymer Films. <i>Macromolecules</i> , 2014, 47, 7178-7186.	4.8	40

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19	Visualization of nanoscale deformation in polymer composites with zernike-type phase-contrast X-ray microscopy and the finite element method. <i>Polymer Journal</i> , 2013, 45, 64-69.	2.7	8
20	Directed Self-Assembly of Block Copolymers into Twin BCC-Sphere: Phase Transition Process from Aligned Hex-Cylinder to BCC-Sphere Induced by a Temperature Jump between the Two Equilibrium Phases. <i>Macromolecules</i> , 2013, 46, 2298-2316.	4.8	15
21	Influence of Branch Incorporation into the Lamella Crystal on the Crystallization Behavior of Polyethylene with Precisely Spaced Branches. <i>Macromolecules</i> , 2013, 46, 4438-4446.	4.8	33
22	Hydrophobic Molecules Infiltrating into the Poly(ethylene glycol) Domain of the Core/Shell Interface of a Polymeric Micelle: Evidence Obtained with Anomalous Small-Angle X-ray Scattering. <i>Journal of the American Chemical Society</i> , 2013, 135, 2574-2582.	13.7	56
23	Strain-Phase-Resolved Dynamic SAXS Studies of BCC-Spherical Domains in Block Copolymers under LAOS: Creation of Twinned BCC-Sphere and Their Dynamic Response. <i>Macromolecules</i> , 2013, 46, 1549-1562.	4.8	4
24	Combined measurement of X-ray photon correlation spectroscopy and diffracted X-ray tracking using pink beam X-rays. <i>Journal of Synchrotron Radiation</i> , 2013, 20, 801-804.	2.4	16
25	Experimental station for multiscale surface structural analyses of soft-material films at SPring-8 via a GISWAX/GIXD/XR-integrated system. <i>Polymer Journal</i> , 2013, 45, 109-116.	2.7	51
26	Characterization of an x-ray diamond phase plate by a polarization analyzer using multiple diffraction. <i>Journal of Physics: Conference Series</i> , 2013, 425, 052030.	0.4	0
27	Structural Inhomogeneity of Injection Molding Studied with Microbeam X-Ray Diffraction. <i>Seikai-Kakou</i> , 2013, 25, 506-511.	0.0	0
28	Effect of shot noise on X-ray speckle visibility spectroscopy. <i>Optics Express</i> , 2012, 20, 26878.	3.4	40
29	Dependence of the swelling behavior of a pH-responsive PEG-modified nanogel on the cross-link density. <i>Polymer Journal</i> , 2012, 44, 240-244.	2.7	26
30	Anomalous Small-Angle X-ray Scattering Study of Structure of Polymer Micelles Having Bromines in Hydrophobic Core. <i>Macromolecules</i> , 2012, 45, 6150-6157.	4.8	27
31	Three-Dimensional Structural Analysis of Lipid and DNA Complex using Zernike Phase Contrast Transmission Electron Microscope Tomography. <i>Biophysical Journal</i> , 2012, 102, 650a.	0.5	0
32	Observation of microscopic dynamics of carbon black in rubber during the vulcanization process. <i>Soft Matter</i> , 2012, 8, 3457.	2.7	13
33	Effect of Structural Inhomogeneity on Mechanical Behavior of Injection Molded Polypropylene Investigated with Microbeam X-ray Scattering. <i>Macromolecules</i> , 2012, 45, 1398-1407.	4.8	43
34	Composition Dependence of the Micellar Architecture Made from Poly(ethylene Terephthalate) / Poly(ethylene glycol)- <i>block</i> -Poly(ethylene glycol) Copolymer. <i>Macromolecules</i> , 2012, 45, 8241-8250.	2.6	25
35	Cross Nucleation in Polyethylene with Precisely Spaced Ethyl Branches. <i>ACS Macro Letters</i> , 2012, 1, 772-775.	4.8	24
36	Synergy Effect on Morphology Switching: Real-Time Observation of Photo-Oriented Microphase Separation in a Block Copolymer. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5884-5888.	13.8	66

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37	Characterization of Polymer Micelles by the Combination of SAXS and FFF-MALS. <i>Kobunshi Ronbunshu</i> , 2012, 69, 346-357.	0.2	4
38	Improvement of SAXS Measurement near the SulfurK-edge. <i>Journal of Physics: Conference Series</i> , 2011, 272, 012014.	0.4	3
39	pH-Responsive Structural Change of PEGylated Amine-Bearing Nanogel Explored by Small Angle X-ray Scattering. <i>Journal of Physics: Conference Series</i> , 2011, 272, 012018.	0.4	2
40	Observation of Filler Dynamics in Rubber with X-ray Photon Correlation Spectroscopy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2011, 24, 012005.	0.6	5
41	Feasibility Study on Anomalous Small-Angle X-ray Scattering near SulphurK-edge. <i>Journal of Physics: Conference Series</i> , 2010, 247, 012006.	0.4	3
42	Crystallinity and Cooperative Motions of Cyclic Molecules in Partially Threaded Solid-State Polyrotaxanes. <i>Macromolecules</i> , 2010, 43, 4660-4666.	4.8	37
43	Deformation behavior of banded spherulite during drawing investigated by simultaneous microbeam SAXS-WAXS and POM measurement. <i>Polymer</i> , 2010, 51, 222-231.	3.8	18
44	Determination of lamellar twisting manner in a banded spherulite with scanning microbeam X-ray scattering. <i>Polymer</i> , 2010, 51, 1632-1638.	3.8	14
45	Indirectly illuminated X-ray area detector for X-ray photon correlation spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2010, 17, 737-742.	2.4	17
46	Microscopic Observation of Aging of Silica Particles in Unvulcanized Rubber. <i>Macromolecules</i> , 2010, 43, 9480-9487.	4.8	57
47	Atomic-Scale Structural Evolution upon Crystallite Nucleation and Growth in Amorphous $\text{Fe}_{78}\text{B}_{13}\text{Si}_9$. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 085505.	1.5	2
48	Structural changes of silica particles in elongated rubber by two-dimensional small-angle X-ray scattering and extended reverse Monte Carlo analysis. <i>Rheologica Acta</i> , 2008, 47, 537-541.	2.4	33
49	Microbeam X-ray Diffraction Analysis of Interfacial Heterogeneous Nucleation of <i>n</i> -Hexadecane inside Oil-in-Water Emulsion Droplets. <i>Crystal Growth and Design</i> , 2008, 8, 3123-3126.	3.0	41
50	Structural Analysis of Filler in Rubber Composite under Stretch with Time-Resolved Two-Dimensional Ultra-Small-Angle X-Ray Scattering. <i>Rubber Chemistry and Technology</i> , 2008, 81, 541-551.	1.2	24
51	X-ray Photon Correlation Spectroscopy of Filler in Rubber. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L300-L302.	1.5	12
52	Microscopic structural evolution during the liquid-liquid transition in triphenyl phosphite. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 152101.	1.8	19
53	Deformation Behavior of Isotactic Polypropylene Spherulite during Hot Drawing Investigated by Simultaneous Microbeam SAXS-WAXS and POM Measurement. <i>Macromolecules</i> , 2007, 40, 2036-2045.	4.8	78
54	Characterization of two-dimensional ultra-small-angle X-ray scattering apparatus for application to rubber filled with spherical silica under elongation. <i>Journal of Applied Crystallography</i> , 2007, 40, s397-s401.	4.5	50

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55	A 3 Å— 6 arrayed CCD X-ray detector for continuous rotation method in macromolecular crystallography. <i>Journal of Synchrotron Radiation</i> , 2007, 14, 144-150.	2.4	12
56	Application of Microbeam Small- and Wide-angle X-ray Scattering to Polymeric Material Characterization. <i>Polymer Journal</i> , 2007, 39, 1221-1237.	2.7	25
57	Small-Angle X-ray Scattering Study of the Pulley Effect of Slide-Ring Gels. <i>Macromolecules</i> , 2006, 39, 7386-7391.	4.8	98
58	Systematic Transitions of Tiling Patterns Formed by ABC Star-Shaped Terpolymers. <i>Macromolecules</i> , 2006, 39, 9402-9408.	4.8	96
59	Structural analysis of human hair single fibres by scanning microbeam SAXS. <i>Journal of Structural Biology</i> , 2006, 155, 438-444.	2.8	59
60	Development of Extended Reverse Monte Carlo Method for Analysis of 2D-USAXS Experimental Data. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	4
61	Archimedean Tiling Patterns of ABC Star-Shaped Terpolymers Studied by Microbeam Small-Angle X-ray Scattering. <i>Macromolecules</i> , 2006, 39, 4869-4872.	4.8	74
62	Structural deformation behavior of isotactic polypropylene with different molecular characteristics during hot drawing process. <i>Polymer</i> , 2005, 46, 8846-8858.	3.8	46
63	Structural analysis of single wool fibre by scanning microbeam SAXS. <i>Journal of Applied Crystallography</i> , 2005, 38, 420-425.	4.5	19
64	Correction Method and Software for Image Distortion and Nonuniform Response in Charge-Coupled Device-Based X-ray Detectors Utilizing X-ray Image intensifier. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 8684-8691.	1.5	43
65	Observation of the Transient Rotator Phase of n-Hexadecane in Emulsified Droplets with Time-Resolved Two-Dimensional Small- and Wide-Angle X-Ray Scattering. <i>Physical Review Letters</i> , 2005, 94, 097801.	7.8	54
66	Influence of Nucleotide Effectors on the Kinetics of the Quaternary Structure Transition of Allosteric Aspartate Transcarbamylase. <i>Journal of Molecular Biology</i> , 2005, 348, 195-204.	4.2	11
67	Helical and Expanded Conformation of Equine \hat{I}^2 -Lactoglobulin in the Cold-denatured State. <i>Journal of Molecular Biology</i> , 2005, 350, 338-348.	4.2	24
68	An Electron-Beam Profile Monitor Using Fresnel Zone Plates. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	1
69	Penetration of PBSU spherulite into P(VDC-VC) spherulite observed with microbeam- and macrobeam-SAXS/WAXS measurements. <i>Polymer</i> , 2004, 45, 8593-8601.	3.8	12
70	Co-existing handednesses of lamella twisting in one spherulite observed with scanning microbeam wide-angle X-ray scattering. <i>Polymer</i> , 2004, 45, 8299-8302.	3.8	30
71	Denaturation and reassembly of chaperonin GroEL studied by solution X-ray scattering. <i>Protein Science</i> , 2003, 12, 672-680.	7.6	20
72	Measurement of an electron-beam size with a beam profile monitor using Fresnel zone plates. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 506, 41-49.	1.6	15

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73	Spatial distribution of lamella structure in PCL/PVB band spherulite investigated with microbeam small- and wide-angle X-ray scattering. <i>Polymer</i> , 2003, 44, 6397-6405.	3.8	42
74	Equilibrium and Kinetics of the Allosteric Transition of GroEL Studied by Solution X-ray Scattering and Fluorescence Spectroscopy. <i>Journal of Molecular Biology</i> , 2003, 327, 183-191.	4.2	28
75	Kinetic studies of unfolding process of aspergillopepsin II by pH-jump methods. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 745-750.	2.1	3
76	Development and application of aberration-compensating x-ray phase retarder systems. , 2003, 5195, 76.		0
77	Imaging based on hard x-ray magnetic linear dichroism by means of polarization switching. <i>Physical Review B</i> , 2002, 65, .	3.2	2
78	Grazing-incidence small-angle scattering measurement of Ge islands capped with a Si layer. <i>Applied Physics Letters</i> , 2002, 81, 2358-2360.	3.3	20
79	Fast Compaction of $\hat{\pm}$ -Lactalbumin During Folding Studied by Stopped-flow X-ray Scattering. <i>Journal of Molecular Biology</i> , 2002, 321, 121-132.	4.2	100
80	The Use of the Time-Resolved X-Ray Solution Scattering for Studies of Globular Proteins. <i>Spectroscopy</i> , 2002, 16, 127-138.	0.8	3
81	Development of microstructural anisotropy during aging with deformation of Al $\hat{\text{e}}$ Ag alloys. <i>Scripta Materialia</i> , 2002, 46, 795-799.	5.2	3
82	X-ray four-quadrant diamond phase-retarder system to compensate for off-axis and chromatic aberrations. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2002, 58, 146-154.	0.3	32
83	Comparative study of the structure rearrangement in mixed and binary Zr $\hat{\text{e}}$ Ti sol $\hat{\text{e}}$ xerogels. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 470, 232-235.	1.6	1
84	X-ray double phase retarders to compensate for off-axis aberration. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 33-37.	2.4	34
85	X-ray magnetic circular dichroism imaging with hard X-rays. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 1021-1026.	2.4	5
86	$\hat{\text{e}}$ Devil $\hat{\text{e}}$'s Staircase $\hat{\text{e}}$ -Type Phase Transition in NaV $\hat{\text{2}}$ O $\hat{\text{5}}$ under High Pressure. <i>Physical Review Letters</i> , 2001, 87, 086402.	7.8	57
87	Time-resolved two-dimensional small-angle scattering of Guinier $\hat{\text{e}}$ Preston zones in Al $\hat{\text{e}}$ Ag alloys under weak shear. <i>Journal of Applied Crystallography</i> , 2000, 33, 461-464.	4.5	1
88	Demonstration of X-ray linear dichroism imaging with hard X-rays. <i>Journal of Synchrotron Radiation</i> , 2000, 7, 368-373.	2.4	27
89	Development of a high-resolution x-ray imaging system with a charge-coupled-device detector coupled with crystal x-ray magnifiers. <i>Review of Scientific Instruments</i> , 2000, 71, 4449.	1.3	12
90	Fluctuations of lamellar structure prior to lamellar $\hat{\text{e}}$ 'gyroid transition in a nonionic surfactant system. <i>Physical Review E</i> , 2000, 62, 6865-6874.	2.1	41

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91	Pressure and temperature effects on the phase transition from a dense droplet to a lamellar structure in a ternary microemulsion. <i>Journal of Chemical Physics</i> , 2000, 112, 10608-10614.	3.0	43
92	pH-Dependent Unfolding of Aspergillopepsin II Studied by Small-Angle X-ray Scattering. <i>Biochemistry</i> , 2000, 39, 1364-1372.	2.5	36
93	Time-Resolved SAXS Studies of a Sphere-Forming Block Copolymer under Large Oscillatory Shear Deformation. <i>Macromolecules</i> , 2000, 33, 9002-9014.	4.8	21
94	Tunable X-ray polarization reflector with perfect crystals. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1999, 55, 955-962.	0.3	27
95	The overlap between the thin- and thick-filament reflections in the small-angle X-ray diffraction pattern from a molluscan smooth muscle. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 93-100.	2.4	3
96	Using hair to screen for breast cancer. <i>Nature</i> , 1999, 398, 33-34.	27.8	85
97	High-Resolution X-ray Diffraction of Muscle Using Undulator Radiation from the Tristan Main Ring at KEK. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 280-285.	2.4	3
98	Structure changes in the sol-gel systems of hydrated oxides. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 962-963.	2.4	4
99	Ti/Al multilayer zone plate and Bragg-Fresnel lens. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 794-796.	2.4	4
100	Object library for a new generation of experiment-controlling applications under the UNIX operating system. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 593-595.	2.4	1
101	Transmission-type X-ray linear polarizer with perfect crystals. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 738-740.	2.4	26
102	X-ray triple refraction and triple absorption in a cobalt-complex crystal. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 1055-1057.	2.4	1
103	X-ray linear birefringence and linear dichroism in a cobalt crystal measured with a tunable X-ray polarimeter. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 995-997.	2.4	1
104	Molecular structural changes in human fetal tissue during the early stages of embryogenesis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1998, 1379, 282-288.	2.4	9
105	The compactness of ribonuclease A and reduced ribonuclease A. <i>FEBS Letters</i> , 1998, 430, 275-277.	2.8	14
106	Kinetic refolding of β -lactoglobulin. Studies by synchrotron X-ray scattering, and circular dichroism, absorption and fluorescence spectroscopy 1 Edited by P. E. Wright. <i>Journal of Molecular Biology</i> , 1998, 275, 149-162.	4.2	114
107	Intermediate Filament Packing in β -Keratin of Echidna Quill. <i>Textile Research Journal</i> , 1998, 68, 167-170.	2.2	13
108	Nature of an Endothermic Peak of As-Quenched Al-11.8 mol%Li Alloys. <i>Materials Transactions, JIM</i> , 1998, 39, 62-68.	0.9	9

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109	Study on Dielectric Anisotropies in Crystals by Using the Energy-Tunable X-Ray Polarimeter with a Phase Retarder.. Nihon Kessho Gakkaishi, 1998, 40, 341-354.	0.0	0
110	Shape Anisotropy of GP Zone in Early Decomposition Process of Al-Zn Binary Alloy. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1998, 62, 117-124.	0.4	1
111	Dynamic Investigation of the Solid-Solid Phase Transition of Normal-Alkane (Hexatriacontane) by Simultaneous Measurements with Differential Scanning Calorimetry, Small-Angle X-Ray Scattering and X-Ray Television Detector. Japanese Journal of Applied Physics, 1997, 36, 5616-5622.	1.5	6
112	[16] X-Ray storage-phosphor imaging-plate detectors: High-sensitivity X-ray area detector. Methods in Enzymology, 1997, 276, 233-243.	1.0	16
113	Synchrotron Radiation X-ray Diffraction Study of Liquid Crystal Formation and Polymorphic Crystallization of SOS (sn-1,3-Distearoyl-2-oleoyl Glycerol). Journal of Physical Chemistry B, 1997, 101, 6847-6854.	2.6	102
114	Thermodynamic and Kinetic Study on Phase Behavior of Binary Mixtures of POP and PPO Forming Molecular Compound Systems. Journal of Physical Chemistry B, 1997, 101, 3498-3505.	2.6	104
115	Unfolding of dimeric creatine kinase in urea and guanidine hydrochloride as measured using small angle X-ray scattering with synchrotron radiation. FEBS Letters, 1997, 415, 183-185.	2.8	34
116	In-situ and simultaneous synchrotron-radiation small-angle and 100 scattering experiments on the low-temperature structure in as-quenched Al-Li alloy during heating. Scripta Materialia, 1997, 37, 1739-1744.	5.2	8
117	Thermal and structural properties of sn-1,3-dipalmitoyl-2-oleoylglycerol and sn-1,3-dioleoyl-2-palmitoylglycerol binary mixtures examined with synchrotron radiation X-ray diffraction. JAOCS, Journal of the American Oil Chemists' Society, 1997, 74, 1213-1220.	1.9	90
118	Partial Reversion of Small GP Zones in an Al-Zn Binary Alloy. Journal of Applied Crystallography, 1997, 30, 592-596.	4.5	6
119	Simultaneous SAS and 100 Experiments on Phase Decomposition and Reversion in Al-Li Binary Alloys. Journal of Applied Crystallography, 1997, 30, 586-591.	4.5	8
120	Small-Angle X-ray Scattering Study of Supercritical Carbon Dioxide. The Journal of Physical Chemistry, 1996, 100, 418-421.	2.9	118
121	Protein Globularization During Folding. A Study by Synchrotron Small-angle X-ray Scattering. Journal of Molecular Biology, 1996, 262, 559-574.	4.2	170
122	Synchrotron radiation X-ray diffraction study on phase behavior of PPP-POP binary mixtures. JAOCS, Journal of the American Oil Chemists' Society, 1996, 73, 1567-1572.	1.9	81
123	Application of an imaging plate to dose distribution measurement of proton beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 378, 627-628.	1.6	11
124	Dynamic Small-Angle X-ray Scattering System using an Imaging Plate. Journal of Synchrotron Radiation, 1996, 3, 225-230.	2.4	10
125	Small-Angle X-ray Diffraction of Muscle Using Undulator Radiation from the Tristan Main Ring at KEK. Journal of Synchrotron Radiation, 1996, 3, 305-312.	2.4	11
126	PH-induced structure change of poly(vinyl alcohol) hydrogel crosslinked with poly(acrylic acid). Angewandte Makromolekulare Chemie, 1996, 240, 213-219.	0.2	15

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127	Time-resolved SAXS technique for studying block copolymers under shear deformation. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996, 52, C484-C484.	0.3	0
128	Comparison of imaging-plate and CCD-based X-ray detectors for macromolecules. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996, 52, C19-C20.	0.3	0
129	Imaging Plates for Use with Synchrotron Radiation. <i>Journal of Synchrotron Radiation</i> , 1995, 2, 13-21.	2.4	75
130	Simultaneous differential scanning calorimetry and time-resolved X-ray diffraction of lipid-water system. I. Relationship between chain melting and endothermic heat at the main transition of a dipalmitoylphosphatidylcholine-water system. <i>Chemistry and Physics of Lipids</i> , 1995, 76, 115-121.	3.2	31
131	Simultaneous X-ray diffraction and differential scanning calorimetry in the study of phase transitions. <i>Thermochimica Acta</i> , 1995, 253, 149-154.	2.7	23
132	Large-aperture TV detector with a beryllium-windowed image intensifier for x-ray diffraction. <i>Review of Scientific Instruments</i> , 1995, 66, 2290-2294.	1.3	122
133	Aerosol-OT Reversed Micellar Formation at Low Water-Surfactant Ratio Studied by Synchrotron Radiation Small-Angle X-ray Scattering. <i>The Journal of Physical Chemistry</i> , 1995, 99, 6652-6660.	2.9	76
134	Intermediate filament structure of $\hat{I}\pm$ -keratin in baboon hair. <i>International Journal of Biological Macromolecules</i> , 1995, 17, 99-104.	7.5	20
135	The intermediate filament structure of human hair. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1245, 392-396.	2.4	32
136	Effect of stretch and release on equatorial X-ray diffraction during a twitch contraction of frog skeletal muscle. <i>Biophysical Journal</i> , 1995, 68, 227-234.	0.5	9
137	Electrically induced reversible structural change of a highly swollen polymer gel network. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 473.	1.7	25
138	Structure and reactivity of aerosol-OT reversed micelles containing $\hat{I}\pm$ -chymotrypsin. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995, 91, 1081-1089.	1.7	43
139	A Real-Time Observation of X-ray Diffraction from Frog Skeletal Muscle during and after Slow Length Changes.. <i>The Japanese Journal of Physiology</i> , 1995, 45, 583-606.	0.9	9
140	X-ray evidence for the elongation of thin and thick filaments during isometric contraction of a molluscan smooth muscle. <i>Journal of Muscle Research and Cell Motility</i> , 1994, 15, 659-671.	2.0	12
141	Anomalous X-ray scattering from aqueous 2-butoxyethanol at XBE = 0.06 near freezing. <i>Chemical Physics Letters</i> , 1994, 228, 53-56.	2.6	12
142	X-ray diffraction evidence for the extensibility of actin and myosin filaments during muscle contraction. <i>Biophysical Journal</i> , 1994, 67, 2422-2435.	0.5	449
143	X-ray Diffraction Study of the Live Squid Retina. <i>Journal of Molecular Biology</i> , 1994, 238, 139-144.	4.2	0
144	The kinetics of conformational changes of $\hat{I}\pm 2$ -macroglobulin determined by time resolved X-ray solution scattering. <i>FEBS Letters</i> , 1994, 337, 171-174.	2.8	5

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