

Koichi Matsuo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1517039/publications.pdf>

Version: 2024-02-01

125
papers

8,565
citations

71102

41
h-index

45317

90
g-index

128
all docs

128
docs citations

128
times ranked

9148
citing authors

#	ARTICLE	IF	CITATIONS
1	RANKL maintains bone homeostasis through c-Fos-dependent induction of interferon- γ . Nature, 2002, 416, 744-749.	27.8	783
2	Bidirectional ephrinB2-EphB4 signaling controls bone homeostasis. Cell Metabolism, 2006, 4, 111-121.	16.2	681
3	Osteoclast-osteoblast communication. Archives of Biochemistry and Biophysics, 2008, 473, 201-209.	3.0	618
4	Nuclear Factor of Activated T-cells (NFAT) Rescues Osteoclastogenesis in Precursors Lacking c-Fos. Journal of Biological Chemistry, 2004, 279, 26475-26480.	3.4	509
5	Fosl1 is a transcriptional target of c-Fos during osteoclast differentiation. Nature Genetics, 2000, 24, 184-187.	21.4	447
6	Increased bone formation and osteosclerosis in mice overexpressing the transcription factor Fra-1. Nature Medicine, 2000, 6, 980-984.	30.7	434
7	The Cytokine RANKL Produced by Positively Selected Thymocytes Fosters Medullary Thymic Epithelial Cells that Express Autoimmune Regulator. Immunity, 2008, 29, 438-450.	14.3	375
8	NF- κ B p50 and p52 Regulate Receptor Activator of NF- κ B Ligand (RANKL) and Tumor Necrosis Factor-induced Osteoclast Precursor Differentiation by Activating c-Fos and NFATc1. Journal of Biological Chemistry, 2007, 282, 18245-18253.	3.4	364
9	JunD Protects Cells from p53-Dependent Senescence and Apoptosis. Molecular Cell, 2000, 6, 1109-1119.	9.7	233
10	The Mechanism of Osteoclast Differentiation Induced by IL-1. Journal of Immunology, 2009, 183, 1862-1870.	0.8	227
11	Promoter Specificity and Biological Activity of Tethered AP-1 Dimers. Molecular and Cellular Biology, 2002, 22, 4952-4964.	2.3	171
12	Bidirectional Signaling through EphrinA2-EphA2 Enhances Osteoclastogenesis and Suppresses Osteoblastogenesis. Journal of Biological Chemistry, 2009, 284, 14637-14644.	3.4	151
13	Bone cell interactions through Eph/ephrin. Cell Adhesion and Migration, 2012, 6, 148-156.	2.7	140
14	Osteoblasts induce Ca ²⁺ oscillation-independent NFATc1 activation during osteoclastogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8643-8648.	7.1	134
15	Expression of the rat calmodulin gene II in the central nervous system: a 294-base promoter and 68-base leader segment mediates neuron-specific gene expression in transgenic mice. Molecular Brain Research, 1993, 20, 9-20.	2.3	133
16	Induction of DC-STAMP by Alternative Activation and Downstream Signaling Mechanisms. Journal of Bone and Mineral Research, 2007, 22, 992-1001.	2.8	118
17	Secondary-Structure Analysis of Proteins by Vacuum-Ultraviolet Circular Dichroism Spectroscopy. Journal of Biochemistry, 2004, 135, 405-411.	1.7	106
18	Receptor Activator of NF- κ B Ligand and Osteoprotegerin Regulate Proinflammatory Cytokine Production in Mice. Journal of Immunology, 2006, 177, 3799-3805.	0.8	102

#	ARTICLE	IF	CITATIONS
19	Tks5-dependent formation of circumferential podosomes/invadopodia mediates cell-cell fusion. <i>Journal of Cell Biology</i> , 2012, 197, 553-568.	5.2	94
20	c-Fos suppresses systemic inflammatory response to endotoxin. <i>International Immunology</i> , 2006, 18, 671-677.	4.0	93
21	EphB/ephrin-B interactions mediate human MSC attachment, migration and osteochondral differentiation. <i>Bone</i> , 2011, 48, 533-542.	2.9	79
22	Osteocyte-directed bone demineralization along canaliculi. <i>Bone</i> , 2016, 84, 279-288.	2.9	78
23	Evidence for erosion of mouse CpG islands during mammalian evolution. <i>Somatic Cell and Molecular Genetics</i> , 1993, 19, 543-555.	0.7	75
24	Improved Estimation of the Secondary Structures of Proteins by Vacuum-Ultraviolet Circular Dichroism Spectroscopy. <i>Journal of Biochemistry</i> , 2005, 138, 79-88.	1.7	75
25	Secondary-Structure Analysis of Denatured Proteins by Vacuum-Ultraviolet Circular Dichroism Spectroscopy. <i>Biophysical Journal</i> , 2007, 92, 4088-4096.	0.5	71
26	IGF2 Preserves Osteosarcoma Cell Survival by Creating an Autophagic State of Dormancy That Protects Cells against Chemotherapeutic Stress. <i>Cancer Research</i> , 2014, 74, 6531-6541.	0.9	71
27	Tissue-specific expression of a FMR1/ β -galactosidase fusion gene in transgenic mice. <i>Human Molecular Genetics</i> , 1995, 4, 359-366.	2.9	70
28	Simvastatin-Induced Apoptosis in Osteosarcoma Cells: A Key Role of RhoA-AMPK/p38 MAPK Signaling in Antitumor Activity. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 182-192.	4.1	70
29	IL-27 Abrogates Receptor Activator of NF- κ B Ligand-Mediated Osteoclastogenesis of Human Granulocyte-Macrophage Colony-Forming Unit Cells through STAT1-Dependent Inhibition of c-Fos. <i>Journal of Immunology</i> , 2009, 183, 2397-2406.	0.8	66
30	Resorption of auditory ossicles and hearing loss in mice lacking osteoprotegerin. <i>Bone</i> , 2006, 39, 414-419.	2.9	65
31	The entire nucleotide sequence of baboon endogenous virus DNA : A chimeric genome structure of murine type C and simian type D retroviruses.. <i>Japanese Journal of Genetics</i> , 1987, 62, 127-137.	1.0	63
32	Cross-talk among bone cells. <i>Current Opinion in Nephrology and Hypertension</i> , 2009, 18, 292-297.	2.0	60
33	Vacuum-ultraviolet circular dichroism study of saccharides by synchrotron radiation spectrophotometry. <i>Carbohydrate Research</i> , 2004, 339, 591-597.	2.3	58
34	Optical Cell with a Temperature-Control Unit for a Vacuum-Ultraviolet Circular Dichroism Spectrophotometer.. <i>Analytical Sciences</i> , 2003, 19, 129-132.	1.6	57
35	Limitation of immune tolerance-inducing thymic epithelial cell development by Spi-B-mediated negative feedback regulation. <i>Journal of Experimental Medicine</i> , 2014, 211, 2425-2438.	8.5	56
36	RNF8 Regulates Assembly of RAD51 at DNA Double-Strand Breaks in the Absence of BRCA1 and 53BP1. <i>Cancer Research</i> , 2012, 72, 4974-4983.	0.9	53

#	ARTICLE	IF	CITATIONS
37	Flagella Facilitate Escape of <i>Salmonella</i> from Oncotic Macrophages. <i>Journal of Bacteriology</i> , 2007, 189, 8224-8232.	2.2	51
38	Vacuum-Ultraviolet Circular Dichroism Spectrophotometer Using Synchrotron Radiation: Optical System and On-line Performance. <i>Chemistry Letters</i> , 2001, 30, 522-523.	1.3	47
39	Vacuum-Ultraviolet Electronic Circular Dichroism of L-Alanine in Aqueous Solution Investigated by Time-Dependent Density Functional Theory. <i>Journal of Physical Chemistry A</i> , 2005, 109, 6928-6933.	2.5	47
40	The CpG-specific methylase Sssl has topoisomerase activity in the presence of Mg ²⁺ . <i>Nucleic Acids Research</i> , 1994, 22, 5354-5349.	14.5	45
41	Signaling Flux Redistribution at Toll-Like Receptor Pathway Junctions. <i>PLoS ONE</i> , 2008, 3, e3430.	2.5	43
42	EphB4 enhances the process of endochondral ossification and inhibits remodeling during bone fracture repair. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 926-935.	2.8	42
43	Osteoclasts, mononuclear phagocytes, and c-Fos: new insight into osteoimmunology. <i>Keio Journal of Medicine</i> , 2004, 53, 78-84.	1.1	41
44	ATF3 and Fra1 have opposite functions in JNK- and ERK-dependent DNA damage responses. <i>DNA Repair</i> , 2008, 7, 487-496.	2.8	38
45	Osteogenic Factor Runx2 Marks a Subset of Leptin Receptor-Positive Cells that Sit Atop the Bone Marrow Stromal Cell Hierarchy. <i>Scientific Reports</i> , 2017, 7, 4928.	3.3	38
46	Eph and Ephrin Interactions in Bone. <i>Advances in Experimental Medicine and Biology</i> , 2009, 658, 95-103.	1.6	38
47	Regulation of osteoclasts by membrane-derived lipid mediators. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3341-3353.	5.4	37
48	Molecular mechanisms of triggering, amplifying and targeting RANK signaling in osteoclasts. <i>World Journal of Orthopedics</i> , 2012, 3, 167.	1.8	32
49	Differential Sensitivity of Zinc Finger Transcription Factors MTF-1, Sp1 and Krox-20 to CpG Methylation of Their Binding Sites. <i>Biological Chemistry Hoppe-Seyler</i> , 1996, 377, 47-56.	1.4	31
50	In vivo bone-specific EphB4 overexpression in mice protects both subchondral bone and cartilage during osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3614-3625.	6.7	31
51	c-Fos-Deficient Mice Are Susceptible to <i>Salmonella enterica</i> Serovar Typhimurium Infection. <i>Infection and Immunity</i> , 2007, 75, 1520-1523.	2.2	30
52	Secondary structure analysis of alcohol-denatured proteins by vacuum-ultraviolet circular dichroism spectroscopy. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 281-293.	2.6	30
53	Genomewide Comprehensive Analysis Reveals Critical Cooperation Between Smad and c-Fos in RANKL-Induced Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 869-877.	2.8	30
54	Four synonymous genes encode calmodulin in the teleost fish, medaka (<i>Oryzias latipes</i>): conservation of the multigene one-protein principle. <i>Gene</i> , 1992, 119, 279-281.	2.2	29

#	ARTICLE	IF	CITATIONS
55	EphB4 Expressing Stromal Cells Exhibit an Enhanced Capacity for Hematopoietic Stem Cell Maintenance. <i>Stem Cells</i> , 2015, 33, 2838-2849.	3.2	29
56	Improved sequence-based prediction of protein secondary structures by combining vacuum-ultraviolet circular dichroism spectroscopy with neural network. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 73, 104-112.	2.6	28
57	Fos Proteins Suppress Dextran Sulfate Sodium-Induced Colitis through Inhibition of NF- κ B. <i>Journal of Immunology</i> , 2010, 184, 1014-1021.	0.8	28
58	Acquired Expression of NFATc1 Downregulates E-Cadherin and Promotes Cancer Cell Invasion. <i>Cancer Research</i> , 2013, 73, 5100-5109.	0.9	28
59	Complex demethylation patterns at Sp1 binding sites in F9 embryonal carcinoma cells. <i>FEBS Letters</i> , 1995, 370, 170-174.	2.8	27
60	Transcriptional repression by methylation: cooperativity between a CpG cluster in the promoter and remote CpG-rich regions. <i>FEBS Letters</i> , 1996, 379, 251-254.	2.8	26
61	Role of heterodimerization of c-Fos and Fra1 proteins in osteoclast differentiation. <i>Bone</i> , 2007, 40, 867-875.	2.9	26
62	Membrane-Induced Conformational Change of α -Acid Glycoprotein Characterized by Vacuum-Ultraviolet Circular Dichroism Spectroscopy. <i>Biochemistry</i> , 2009, 48, 9103-9111.	2.5	26
63	Effects of long-term cigarette smoke exposure on bone metabolism, structure, and quality in a mouse model of emphysema. <i>PLoS ONE</i> , 2018, 13, e0191611.	2.5	26
64	Fra-1/AP-1 Impairs Inflammatory Responses and Chondrogenesis in Fracture Healing. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 2056-2065.	2.8	25
65	High-energy x-ray nanotomography introducing an apodization Fresnel zone plate objective lens. <i>Review of Scientific Instruments</i> , 2021, 92, 023701.	1.3	25
66	Vacuum-Ultraviolet Circular Dichroism Analysis of Glycosaminoglycans by Synchrotron-Radiation Spectroscopy. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 557-561.	1.3	24
67	Impaired Vibration of Auditory Ossicles in Osteopetrotic Mice. <i>American Journal of Pathology</i> , 2011, 178, 1270-1278.	3.8	24
68	Bisphosphonate Therapy Ameliorates Hearing Loss in Mice Lacking Osteoprotegerin. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 43-49.	2.8	23
69	Short Introns Interrupting the Oct-2 POU Domain May Prevent Recombination between POU Family Genes without Interfering with Potential POU Domain "Shuffling" in Evolution. <i>Biological Chemistry Hoppe-Seyler</i> , 1994, 375, 675-684.	1.4	21
70	Conformation of membrane-bound proteins revealed by vacuum-ultraviolet circular dichroism and linear dichroism spectroscopy. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 349-359.	2.6	21
71	Circular dichroism spectroscopic study on structural alterations of histones induced by post-translational modifications in DNA damage responses: lysine-9 methylation of H3. <i>Journal of Radiation Research</i> , 2018, 59, 108-115.	1.6	21
72	Cot Kinase Promotes Ca ²⁺ Oscillation/Calcineurin-Independent Osteoclastogenesis by Stabilizing NFATc1 Protein. <i>Molecular and Cellular Biology</i> , 2012, 32, 2954-2963.	2.3	20

#	ARTICLE	IF	CITATIONS
73	Osteogenic capillaries orchestrate growth plate-independent ossification of the malleus. <i>Development (Cambridge)</i> , 2015, 142, 3912-20.	2.5	20
74	Spatial and temporal regulation of the rat calmodulin gene III directed by a 877-base promoter and 103-base leader segment in the mature and embryonal central nervous system of transgenic mice. <i>Molecular Brain Research</i> , 1995, 31, 61-70.	2.3	19
75	Construction of a Synchrotron-Radiation Vacuum-Ultraviolet Circular-Dichroism Spectrophotometer and Its Application to the Structural Analysis of Biomolecules. <i>Bulletin of the Chemical Society of Japan</i> , 2013, 86, 675-689.	3.2	19
76	Genetic Linkage of the Sarco(endo)plasmic Reticulum Ca ²⁺ -Dependent ATPase II Gene to Intracellular Ca ²⁺ Concentration in the Spontaneously Hypertensive Rat. <i>Biochemical and Biophysical Research Communications</i> , 1996, 227, 789-793.	2.1	17
77	Reduced Expression of Thrombospondins and Craniofacial Dymorphism in Mice Overexpressing Fra1. <i>Journal of Bone and Mineral Research</i> , 2005, 21, 596-604.	2.8	17
78	DNA damage response induces structural alterations in histone H3 and H4. <i>Journal of Radiation Research</i> , 2017, 58, 59-65.	1.6	17
79	Vacuum-Ultraviolet Electronic Circular Dichroism Study of Methyl β -D-Glucopyranoside in Aqueous Solution by Time-Dependent Density Functional Theory. <i>Journal of Physical Chemistry A</i> , 2012, 116, 9996-10003.	2.5	16
80	Innervation of the tibial epiphysis through the intercondylar foramen. <i>Bone</i> , 2019, 120, 297-304.	2.9	16
81	Possible role of IRTKS in Tks5-driven osteoclast fusion. <i>Communicative and Integrative Biology</i> , 2012, 5, 511-515.	1.4	15
82	Talbot-defocus multiscan tomography using the synchrotron X-ray microscope to study the lacuno-canalicular network in mouse bone. <i>Biomedical Optics Express</i> , 2013, 4, 917.	2.9	15
83	Osteoprotegerin Regulates Pancreatic β -Cell Homeostasis upon Microbial Invasion. <i>PLoS ONE</i> , 2016, 11, e0146544.	2.5	14
84	Increased Intracellular Ca ²⁺ is Not Coinherited With an Inferred Major Gene Locus for Hypertension (ht) in the Spontaneously Hypertensive Rat. <i>American Journal of Hypertension</i> , 1997, 10, 282-288.	2.0	13
85	Genotypes of sarco(endo)plasmic reticulum Ca ²⁺ -dependent ATPase II gene in substrains of spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 1996, 14, 287-281.	0.5	12
86	Murine osteoblasts respond to LPS and IFN- γ similarly to macrophages. <i>Journal of Bone and Mineral Metabolism</i> , 2006, 24, 454-460.	2.7	12
87	Osteosclerosis and inhibition of human hematopoiesis in NOG mice expressing human Delta-like 1 in osteoblasts. <i>Experimental Hematology</i> , 2012, 40, 953-963.e3.	0.4	12
88	Circular-Dichroism and Synchrotron-Radiation Circular-Dichroism Spectroscopy as Tools to Monitor Protein Structure in a Lipid Environment. <i>Methods in Molecular Biology</i> , 2013, 974, 151-176.	0.9	11
89	Allele-specific activation of the c-myc gene in an atypical Burkitt's lymphoma carrying the t(2;8) chromosomal translocation 250 kb downstream from c-myc. <i>Gene</i> , 1993, 124, 231-237.	2.2	10
90	Structural analysis of lysine methylated histone H3 proteins using synchrotron radiation circular dichroism spectroscopy. <i>Chirality</i> , 2018, 30, 536-540.	2.6	10

#	ARTICLE	IF	CITATIONS
91	Bone Marrow Cells Inhibit BMP-2-Induced Osteoblast Activity in the Marrow Environment. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 327-332.	2.8	10
92	The high-resolution crystal structure of lobster hemocyanin shows its enzymatic capability as a phenoloxidase. <i>Archives of Biochemistry and Biophysics</i> , 2020, 688, 108370.	3.0	10
93	Periodicity of eight nucleotides in purine distribution around human genomic CpG dinucleotides. <i>Somatic Cell and Molecular Genetics</i> , 1995, 21, 91-98.	0.7	9
94	Experimental and theoretical studies of vacuum-ultraviolet electronic circular dichroism of hydroxy acids in aqueous solution. <i>Chirality</i> , 2011, 23, E52-8.	2.6	9
95	Hypermineralization of Hearing-Related Bones by a Specific Osteoblast Subtype. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1535-1547.	2.8	9
96	Isotope effect on the circular dichroism spectrum of methyl α -D-glucopyranoside in aqueous solution. <i>Scientific Reports</i> , 2016, 5, 17900.	3.3	9
97	The in Vivo Effect of Prophylactic Subchondral Bone Protection of Osteoarthritic Synovial Membrane in Bone-Specific Eph4-Overexpressing Mice. <i>American Journal of Pathology</i> , 2015, 185, 335-346.	3.8	8
98	Vacuum-ultraviolet circular dichroism study of oligosaccharides using a synchrotron-radiation spectrophotometer. <i>Biomedical Spectroscopy and Imaging</i> , 2017, 6, 111-121.	1.2	8
99	Development of x-ray phase tomographic microscope based on Talbot interferometer at BL37XU, SPring-8. <i>AIP Advances</i> , 2020, 10, .	1.3	8
100	Kinetics of denaturation and renaturation processes of double-stranded helical polysaccharide, xanthan in aqueous sodium chloride. <i>Carbohydrate Polymers</i> , 2022, 275, 118681.	10.2	8
101	A CD46 transgenic mouse model for studying the histopathology of arthritis caused by subcutaneous infection with <i>Streptococcus dysgalactiae</i> subspecies <i>equisimilis</i> . <i>Journal of Medical Microbiology</i> , 2011, 60, 1860-1868.	1.8	8
102	A Novel Phthalimide Derivative, TC11, Has Preclinical Effects on High-Risk Myeloma Cells and Osteoclasts. <i>PLoS ONE</i> , 2015, 10, e0116135.	2.5	8
103	Dissection of the Auditory Bulla in Postnatal Mice: Isolation of the Middle Ear Bones and Histological Analysis. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	7
104	Characterization of the mechanism of interaction between α -acid glycoprotein and lipid membranes by vacuum-ultraviolet circular dichroism spectroscopy. <i>Chirality</i> , 2020, 32, 594-604.	2.6	7
105	Efficient production of biologically active human prolactin in <i>Escherichia coli</i> . <i>Molecular and Cellular Endocrinology</i> , 1991, 81, 147-154.	3.2	6
106	Effective expansion of engrafted human hematopoietic stem cells in bone marrow of mice expressing human Jagged1. <i>Experimental Hematology</i> , 2014, 42, 487-494.e1.	0.4	6
107	Gefitinib, but Not Erlotinib, is a Possible Inducer of Fra-1-mediated Interstitial Lung Disease. <i>Keio Journal of Medicine</i> , 2012, 61, 120-127.	1.1	5
108	Solution structures of methyl aldopyranosides revealed by vacuum-ultraviolet electronic circular-dichroism spectroscopy. <i>Biomedical Spectroscopy and Imaging</i> , 2015, 4, 269-282.	1.2	5

#	ARTICLE	IF	CITATIONS
109	Flesh-eating <i>Streptococcus pyogenes</i> triggers the expression of receptor activator of nuclear factor- κ B ligand. <i>Cellular Microbiology</i> , 2016, 18, 1390-1404.	2.1	5
110	Trans-pairing between osteoclasts and osteoblasts shapes the cranial base during development. <i>Scientific Reports</i> , 2019, 9, 1956.	3.3	5
111	Secondary Structure of Human De Novo Evolved Gene Product NCYM Analyzed by Vacuum-Ultraviolet Circular Dichroism. <i>Frontiers in Oncology</i> , 2021, 11, 688852.	2.8	5
112	Quantification and Improvement of the Dynamics of Human Serum Albumin and Glycated Human Serum Albumin with Astaxanthin/Astaxanthin-Metal Ion Complexes: Physico-Chemical and Computational Approaches. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4771.	4.1	5
113	Circular-Dichroism and Synchrotron-Radiation Circular-Dichroism Spectroscopy as Tools to Monitor Protein Structure in a Lipid Environment. <i>Methods in Molecular Biology</i> , 2019, 2003, 253-279.	0.9	4
114	Odontoblast death drives cell-rich zone-derived dental tissue regeneration. <i>Bone</i> , 2021, 150, 116010.	2.9	4
115	Detection of osteoclastic cell-cell fusion through retroviral vector packaging. <i>Bone</i> , 2004, 35, 1120-1126.	2.9	3
116	Sample Volume Reduction Using the Schwarzschild Objective for a Circular Dichroism Spectrophotometer and an Application to the Structural Analysis of Lysine-36 Trimethylated Histone H3 Protein. <i>Molecules</i> , 2018, 23, 2865.	3.8	3
117	Synchrotron-Radiation Vacuum-Ultraviolet Circular-Dichroism Spectroscopy for Characterizing the Structure of Saccharides. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1104, 101-117.	1.6	3
118	Vacuum Ultraviolet Electronic Circular Dichroism Study of d-Glucose in Aqueous Solution. <i>Journal of Physical Chemistry A</i> , 2020, 124, 642-651.	2.5	3
119	Conformation of myelin basic protein bound to phosphatidylinositol membrane characterized by vacuum-ultraviolet circular-dichroism spectroscopy and molecular-dynamics simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1251-1261.	2.6	3
120	Study on Irradiation Effect of Mid-Infrared Free Electron Laser on Hen Egg-White Lysozyme by Using Terahertz-Time Domain Spectroscopy and Synchrotron-Radiation Vacuum-Ultraviolet Circular-Dichroism Spectroscopy. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019, 40, 998-1009.	2.2	2
121	Formation of β^2 -Strand Oligomers of Antimicrobial Peptide Magainin 2 Contributes to Disruption of Phospholipid Membrane. <i>Membranes</i> , 2022, 12, 131.	3.0	2
122	Helically Aligned Fused Carbon Hollow Nanospheres with Chiral Discrimination Ability. <i>Nanoscale</i> , 2022, , .	5.6	1
123	Bilaterally Asymmetric Helical Myofibrils in Ascidian Tadpole Larvae. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 800455.	3.7	1
124	Constructing a multi-scan synchrotron X-ray microscope to study the function of osteocyte canaliculi in mouse bone. , 2012, , .		0
125	Development of Vacuum-Ultraviolet Circular-Dichroism Spectrophotometer Using Synchrotron Radiation and Structural Analysis of Biomolecules. <i>Nihon Kessho Gakkaishi</i> , 2018, 60, 200-208.	0.0	0