

Izuru Kawamura

List of Publications by Year in descending order

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123
papers

1,392
citations

361413

20
h-index

377865

34
g-index

128
all docs

128
docs citations

128
times ranked

1470
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-state NMR spectroscopy structure determination of a lipid-embedded heptahelical membrane protein. <i>Nature Methods</i> , 2013, 10, 1007-1012.	19.0	196
2	Conformation of a Seven- α -Helical Transmembrane Photosensor in the Lipid Environment. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1302-1305.	13.8	108
3	Solid-state NMR as a method to reveal structure and membrane-interaction of amyloidogenic proteins and peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1900-1912.	2.6	62
4	A Guide to Design Functional Molecular Liquids with Tailorable Properties using Pyrene-Fluorescence as a Probe. <i>Scientific Reports</i> , 2017, 7, 3416.	3.3	62
5	De novo design of a nanopore for single-molecule detection that incorporates a β -hairpin peptide. <i>Nature Nanotechnology</i> , 2022, 17, 67-75.	31.5	44
6	Structural characterization of cellulose nanofibers isolated from spent coffee grounds and their composite films with poly(vinyl alcohol): a new non-wood source. <i>Cellulose</i> , 2020, 27, 5017-5028.	4.9	40
7	Structure and orientation of antibiotic peptide alamethicin in phospholipid bilayers as revealed by chemical shift oscillation analysis of solid state nuclear magnetic resonance and molecular dynamics simulation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2789-2798.	2.6	36
8	Site-Specific Solid-State NMR Detection of Hydrogen-Deuterium Exchange Reveals Conformational Changes in a 7-Helical Transmembrane Protein. <i>Biophysical Journal</i> , 2011, 101, L23-L25.	0.5	33
9	Solid-state Vibrational Circular Dichroism Spectra of Isoleucine and Its Related Compounds: Effects of Interplay between Two Chiral Centers. <i>Chemistry Letters</i> , 2017, 46, 449-452.	1.3	33
10	Soft chromophore featured liquid porphyrins and their utilization toward liquid electret applications. <i>Nature Communications</i> , 2019, 10, 4210.	12.8	32
11	Solid-State NMR Studies of Two Backbone Conformations at Tyr185 as a Function of Retinal Configurations in the Dark, Light, and Pressure Adapted Bacteriorhodopsins. <i>Journal of the American Chemical Society</i> , 2007, 129, 1016-1017.	13.7	31
12	Pressure-induced Isomerization of Retinal on Bacteriorhodopsin as Disclosed by Fast Magic Angle Spinning NMR. <i>Photochemistry and Photobiology</i> , 2007, 83, 346-350.	2.5	27
13	An Active Photoreceptor Intermediate Revealed by In Situ Photoirradiated Solid-State NMR Spectroscopy. <i>Biophysical Journal</i> , 2011, 101, L50-L52.	0.5	26
14	Solid-State Nuclear Magnetic Resonance Structural Study of the Retinal-Binding Pocket in Sodium Ion Pump Rhodopsin. <i>Biochemistry</i> , 2017, 56, 543-550.	2.5	26
15	Tricolor mechanochromic luminescence of an organic two-component dye: visualization of a crystalline state and two amorphous states. <i>CrystEngComm</i> , 2019, 21, 53-59.	2.6	26
16	Structure and Orientation of Bovine Lactoferrampin in the Mimetic Bacterial Membrane as Revealed by Solid-State NMR and Molecular Dynamics Simulation. <i>Biophysical Journal</i> , 2012, 103, 1735-1743.	0.5	25
17	Enantioselective Photochromism of Diarylethenes in Human Serum Albumin. <i>Chemistry - A European Journal</i> , 2013, 19, 9434-9437.	3.3	25
18	The role of d - allo -isoleucine in the deposition of the anti- Leishmania peptide bombinin H4 as revealed by ^{31}P solid-state NMR, VCD spectroscopy, and MD simulation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 789-798.	2.3	24

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19	Electrophysiological Analysis of Membrane Disruption by Bombinin and Its Isomer Using the Lipid Bilayer System. <i>ACS Applied Bio Materials</i> , 2019, 2, 1542-1548.	4.6	22
20	Dynamic aspects of extracellular loop region as a proton release pathway of bacteriorhodopsin studied by relaxation time measurements by solid state NMR. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 3090-3097.	2.6	20
21	Color-Discriminating Retinal Configurations of Sensory Rhodopsin...I by Photo-Irradiation Solid-State NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6960-6964.	13.8	20
22	Self-assembly of tripeptides into β -turn nanostructures. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10879-10883.	2.8	20
23	Recent Solid-State NMR Studies of Membrane-Bound Peptides and Proteins. <i>Annual Reports on NMR Spectroscopy</i> , 2015, 86, 333-411.	1.5	19
24	Solid-state vibrational circular dichroism studies on the conformation of an amino acid molecule in crystalline state. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140439.	2.3	19
25	Characterization of the spherical intermediates and fibril formation of hCT in HEPES solution using solid-state ^{13}C -NMR and transmission electron microscopy. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16956.	2.8	18
26	Drastic sensitivity enhancement in ^{29}Si MAS NMR of zeolites and mesoporous silica materials by paramagnetic doping of Cu^{2+} . <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13523.	2.8	17
27	High Thermal Stability of Oligomeric Assemblies of Thermophilic Rhodopsin in a Lipid Environment. <i>Journal of Physical Chemistry B</i> , 2018, 122, 6945-6953.	2.6	16
28	Characterization of Amorphized Zeolite A by Combining High-Energy X-ray Diffraction and High-Resolution Transmission Electron Microscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25293-25299.	3.1	15
29	Long-distance perturbation on Schiff base-counterion interactions by His30 and the extracellular Na^{+} -binding site in <i>Krokinobacter</i> rhodopsin 2. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 8450-8455.	2.8	15
30	Participation of the Surface Structure of Pharaonis Phoborhodopsin, ppR and its A149S and A149V mutants, Consisting of the C-terminal β -helix and E-F Loop, in the Complex-formation with the Cognate Transducer pHtrII, as Revealed by Site-directed ^{13}C Solid. <i>Photochemistry and Photobiology</i> , 2007, 83, 339-345.	2.5	14
31	Dynamics Change of Phoborhodopsin and Transducer by Activation: Study Using D75N Mutant of the Receptor by Site-directed Solid-State ^{13}C NMR. <i>Photochemistry and Photobiology</i> , 2008, 84, 921-930.	2.5	14
32	Solid-state vibrational circular dichroism studies of L- and D-serine. <i>Analytical Biochemistry</i> , 2019, 580, 14-20.	2.4	14
33	Thermal and Nonthermal Microwave Effects of Ethanol and Hexane-Mixed Solution as Revealed by In Situ Microwave Irradiation Nuclear Magnetic Resonance Spectroscopy and Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9615-9624.	2.6	14
34	Multidimensional Vibrational Circular Dichroism Apparatus Equipped with Quantum Cascade Laser and Its Use for Investigating Some Peptide Systems Containing α -Amino Acids. <i>Analytical Chemistry</i> , 2021, 93, 2742-2748.	6.5	14
35	Dynamic Structure and Orientation of Melittin Bound to Acidic Lipid Bilayers, As Revealed by Solid-State NMR and Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1802-1811.	2.6	12
36	Solid-state NMR characterization of triacylglycerol and polysaccharides in coffee beans. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 803-809.	1.3	12

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37	Photoreaction pathways and photointermediates of retinal-binding photoreceptor proteins as revealed by in situ photoirradiation solid-state NMR spectroscopy. <i>Biophysical Reviews</i> , 2019, 11, 167-181.	3.2	12
38	Upcycling of Waste Hop Stems into Cellulose Nanofibers: Isolation and Structural Characterization. <i>ACS Agricultural Science and Technology</i> , 2021, 1, 347-354.	2.3	11
39	Conformation and dynamics changes of bacteriorhodopsin and its D85N mutant in the absence of 2D crystalline lattice as revealed by site-directed ¹³ C NMR. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 181-189.	2.6	10
40	Characterization of photo-intermediates in the photo-reaction pathways of a bacteriorhodopsin Y185F mutant using in situ photo-irradiation solid-state NMR spectroscopy. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1694-1702.	2.9	10
41	Separation of D-amino acid-containing peptide phenylseptin using 3,3'-phenyl-1,1'-binaphthyl-18-crown-6-ether columns. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140429.	2.3	10
42	Participation of the BC Loop in the Correct Folding of Bacteriorhodopsin as Revealed by Solid-State NMR. <i>Photochemistry and Photobiology</i> , 2009, 85, 624-630.	2.5	9
43	Interaction of Extracellular Loop II of μ -Opioid Receptor (196-228) with Opioid Peptide Dynorphin in Membrane Environments as Revealed by Solid State Nuclear Magnetic Resonance, Quartz Crystal Microbalance and Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9604-9612.	2.6	9
44	The microwave heating mechanism of N-(4-methoxybenzylidene)-4-butylaniline in liquid crystalline and isotropic phases as determined using in situ microwave irradiation NMR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 9082-9089.	2.8	9
45	Application of Solid-State Vibrational Circular Dichroism for Intercalation Compounds of Layered Double Hydroxide and Amino Acids: Conformation of an Intercalated Phenylalanine. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1779-1784.	3.2	9
46	³¹ P and ¹³ C solid-state NMR analysis of morphological changes of phospholipid bilayers containing glucagon during fibril formation of glucagon under neutral condition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183290.	2.6	9
47	Vibrational Circular Dichroism System Equipped with Quantum Cascade Laser for Microscopic Scanning. <i>Chemistry Letters</i> , 2021, 50, 1543-1545.	1.3	9
48	Retinal Configuration of ppR Intermediates Revealed by Photoirradiation Solid-State NMR and ADFT. <i>Biophysical Journal</i> , 2018, 115, 72-83.	0.5	8
49	Stereochemical Effects on the Self-Assembly of Pyrenylalanine-Phenylalanine Dipeptide. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 969-977.	3.2	8
50	On-Demand Chirality Transfer of Human Serum Albumin to Bis(thiophen-2-yl)hexafluorocyclopentenes through Their Photochromic Ring Closure. <i>Journal of Organic Chemistry</i> , 2021, 86, 12549-12558.	3.2	8
51	Magnetically Alignable Bicelles with Unprecedented Stability Using Tunable Surfactants Derived from Cholic Acid. <i>ChemPhysChem</i> , 2016, 17, 3916-3922.	2.1	7
52	Presence of N-lactyl-d-perosamine residue in the sheath-forming polysaccharide of <i>Thiothrix fructosivorans</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 82, 772-779.	7.5	7
53	Transport Properties of Flexible Composite Electrolytes Composed of $\text{Li}_{1.5}\text{Al}_{0.5}\text{Ti}_{1.5}(\text{PO}_4)_3$ and a Poly(vinylidene fluoride-co-hexafluoropropylene) Gel Containing a Highly Concentrated $\text{Li}[\text{N}(\text{SO}_2\text{CF}_3)_2]_2/\text{Sulfolane}$ Electrolyte. <i>ACS Omega</i> , 2021, 6, 16187-16193.	3.5	7
54	Mapping of Supramolecular Chirality in Insect Wings by Microscopic Vibrational Circular Dichroism Spectroscopy: Heterogeneity in Protein Distribution. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7733-7737.	4.6	7

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55	Change in local dynamics of bacteriorhodopsin with retinal isomerization under pressure as studied by fast magic angle spinning NMR. <i>Polymer Journal</i> , 2012, 44, 863-867.	2.7	6
56	Grafting of paired 3-aminopropyltrialkoxo silanes onto mesoporous silica and adsorptions of isomers of benzenedialdehydes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 3946.	2.8	6
57	A Comparative Study on Interactions of Antimicrobial Peptides L- and D-phenylseptin with 1,2-dimyristoyl-sn-glycero-3-phosphocholine. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2601.	2.5	6
58	Photoirradiation and Microwave Irradiation NMR Spectroscopy. , 2018, , 135-170.		5
59	Inhibitory regulation mechanism of naphthoquinone and its derivatives in radical polymerization. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3941.	1.9	5
60	Structure of a retinal chromophore of dark-adapted middle rhodopsin as studied by solid-state nuclear magnetic resonance spectroscopy. <i>Biophysics and Physicobiology</i> , 2021, 18, 177-185.	1.0	5
61	Structural determination of the sheath-forming polysaccharide of <i>Sphaerotilus montanus</i> using thiopeptidoglycan lyase which recognizes the 1,4 linkage between 1 \pm -d-GalN and 1 \pm -d-GlcA. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 992-1001.	7.5	5
62	A hybrid strategy combining solution NMR spectroscopy and isothermal titration calorimetry to characterize protein-nanodisc interaction. <i>Analytical Biochemistry</i> , 2022, 639, 114521.	2.4	5
63	Mechanism for microwave heating of 1-(4-cyanophenyl)-4-propylcyclohexane characterized by in situ microwave irradiation NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2015, 254, 27-34.	2.1	4
64	Solid-State NMR Characterization of the Structure of Self-Assembled Ile-Phe-OH. <i>Magnetochemistry</i> , 2018, 4, 30.	2.4	4
65	Fibrillation mechanism of glucagon in the presence of phospholipid bilayers as revealed by ^{13}C solid-state NMR spectroscopy. <i>Chemistry and Physics of Lipids</i> , 2019, 219, 36-44.	3.2	4
66	CHAPTER 20. Photoactivated Structural Changes in Photoreceptor Membrane Proteins as Revealed by in situ Photoirradiation Solid-State NMR Spectroscopy. <i>New Developments in NMR</i> , 2014, , 387-404.	0.1	4
67	Polysilsesquioxanes with mixed self-assembled organic tethers: Alkyl chains and alkanolate-aminopropyl pairs. <i>Reactive and Functional Polymers</i> , 2016, 99, 9-16.	4.1	2
68	Structural Characterization of a Cyclodextrin-menthol Inclusion Complex in the Solid-state by Solid-state NMR and Vibrational Circular Dichroism. <i>Analytical Sciences</i> , 2020, 36, 1337-1343.	1.6	2
69	Dynamic Membrane Bound Structures of Melittin and Alamethicin as Revealed by Solid-State NMR and MD Simulation. <i>Biophysical Journal</i> , 2018, 114, 453a.	0.5	1
70	Electrooxidative Copolymerization of 3,4-Ethylenedioxythiophene and Benzene from a Mixture of Each Monomer. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 141-146.	3.2	1
71	Vibrational circular dichroism of d-amino acid-containing peptide NdWamide in the crystal form. <i>Chirality</i> , 2021, 33, 652-659.	2.6	1
72	In Situ Photo Irradiation Solid-State NMR Spectroscopy Applied to Retinal-Binding Membrane Proteins. , 2018, , 537-557.		1

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73	Interaction of Clear Flavor Emulsions Containing Lemon Essential Oils with Lipid Bilayers via a Quartz Crystal Microbalance. Food Science and Technology Research, 2019, 25, 879-884.	0.6	1
74	Photoswitching of 5-phenylazopyrimidines in crystalline powders and thin films. Dyes and Pigments, 2022, 199, 110066.	3.7	1
75	Two-dimensional Imaging of a Model Pharmaceutical Dosage Tablet Using a Scanning Vibrational Circular Dichroism System. Chemistry Letters, 2022, 51, 205-207.	1.3	1
76	Photoreaction Pathways of Bacteriorhodopsin and Its D96N Mutant as Revealed by in Situ Photoirradiation Solid-State NMR. Membranes, 2022, 12, 279.	3.0	1
77	1P423 Local Conformation and Dynamics Changes in the vicinity of the Retinal in Photoactivated pharaonis phoborhodopsin by Solid-State NMR(17. Light driven system,Poster Session,Abstract,Meeting) Tj ETQq1 d.0.784314 rgBT /Overlock 10 Tf 50 537 Td (photo)	0.1	0
78	2P252 Different interaction of ACTH with acidic mixed lipid bilayers in the presence and absence of cholesterol as studied by Solid state NMR(Native and artificial biomembranes-structure and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (photo)	0.1	0
79	3P054 Amyloid fibril inhibition mechanism of amyloidogenic peptides as studied by solid state NMR spectroscopy(Proteins-stability, folding, and other physicochemical properties,Poster Presentations). Seibutsu Butsuri, 2007, 47, S216.	0.1	0
80	3P217 High-Resolution Solid-State NMR Studies of Backbone Conformations at Tyr in Bacteriorhodopsin corresponding to Retinal Configurations.(Photobiology- vision and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (photo)	0.1	0
81	3P218 Dynamic aspects of extracellular loop of bacteriorhodopsin and bacterio-opsin as studied by solid-state NMR(Photobiology- vision and photoreception,Poster Presentations). Seibutsu Butsuri, 2007, 47, S257.	0.1	0
82	3P220 Backbone conformations of Bacteriorhodopsin in the vicinity of retinal as studied by solid-state ¹³ C NMR spectroscopy(Photobiology- vision and photoreception,Poster) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (photo)	0.1	0
83	3P231 Dynamics and conformation of transducer protein complexed with pharaonis phoborhodopsin as studied by ¹³ C solid state NMR(Photobiology- vision and photoreception,Poster) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 377 Td (photo)	0.1	0
84	3P228 Analysis of Photoactivated pharaonis Phoborhodopsin by Solid-State NMR(Photobiology- vision) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (photo)	0.1	0
85	3P219 Conformational analysis of tryptophan residues in bacteriorhodopsin by solid-state NMR(Photobiology- vision and photoreception,Poster Presentations). Seibutsu Butsuri, 2007, 47, S257.	0.1	0
86	1P-268 Interaction of aromatic amino acid residues with retinal in bacteriorhodopsin as disclosed by solid-state NMR(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S63.	0.1	0
87	3P-088 Solid-state NMR studies of backbone conformations at Tyr as a probe of retinal-protein interaction in the dark-adapted Bacteriorhodopsin(Invited Talk for Early Research in Biophysics) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 377 Td (photo)	0.1	0
88	2P-260 Interactional change of cytoplasmic surface region of ppR complexed with pHtrII as studied by solid-state NMR(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S115.	0.1	0
89	2P-274 Dynamics and conformational changes of pHtrII complexed with ppR in the photo activation as studied by ¹³ C solid state NMR(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S117.	0.1	0
90	1P-218 Interaction of Myristoylated Alanine-Rich C Kinase Substrate with Phosphoinositides in bilayer as studied by QCM and solid-state NMR(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S55.	0.1	0

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91	1P-270 The role of kinked structures in the B and C α -helices of bacteriorhodopsin in proton transfer, as studied by solid-state NMR(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S64.	0.1	0
92	1P-266 Conformational changes of bacteriorhodopsin in the vicinity of Asp involving in proton pumping as studied by solid-state NMR(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S63.	0.1	0
93	1TP2-01 Analysis of local protein conformations in photoreceptor ppR and its mutant T204A by solid-state NMR(The 47th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2009, 49, S32.	0.1	0
94	1P-215 Pressure induced retinal isomerization in bacteriorhodopsin as studied by solid-state NMR(Photobiology:Vision & Photoreception, The 47th Annual Meeting of the Biophysical Society) Tj ETQq0 0 0.1rgBT /Overlock 10 T	0.1	0
95	1P-217 Analysis of local protein conformations in photoreceptor ppR and its mutant T204A by solid-state NMR(Photobiology:Vision & Photoreception, The 47th Annual Meeting of the) Tj ETQq1 1 0.784314rgBT /Overlock 10 T	0.784314	0
96	1P-218 Change of interaction in cytoplasmic surface region of ppR with pHTrlI in the complex formation as studied by solid-state NMR(Photobiology:Vision & Photoreception, The 47th Annual Meeting of) Tj ETQq0 0 0.1rgBT /Overlock 10 T	0.1	0
97	3P-173 Interaction of Myristoylated Alanine-Rich C Kinase Substrate with Phosphoinositides in Phospholipid Membranes as studied by QCM and solid-state NMR(Biol & Artifi memb.:Structure) Tj ETQq1 1 0.784314rgBT /Overlock 10 T S180.	0.784314	0
98	2P281 Pressure effect on retinal isomerization in bacteriorhodopsin as studied by solid state NMR(The) Tj ETQq0 0 0.1rgBT /Overlock 10 T	0.1	0
99	2P116 Three-dimensional Solid-state NMR study of Anabaena Sensory Rhodopsin in the lipid environment : Chemical Shift Assignments(The 48th Annual Meeting of the Biophysical Society of) Tj ETQq1 1 0.784314rgBT /Overlock 10 T	0.784314	0
100	3P003 Structural Change and dynamics at Tyr residues in Bacteriorhodopsin corresponding to two isomers of retinal as revealed by solid-state NMR(Protein: Structure,The 48th Annual Meeting of the) Tj ETQq0 0 0.1rgBT /Overlock 10 T	0.1	0
101	3P057 Amyloid fibrillation and the structure of glucagon in the presence and absence of phospholipids as studied by solid-state NMR and TEM(Protein: Property,The 48th Annual Meeting of the) Tj ETQq1 1 0.784314rgBT /Overlock 10 T	0.784314	0
102	3P266 In situ photoirradiation solid state NMR study of local conformational change of Tyr174 corresponding to signal transduction in ppR(Photobiology: Vision & Photoreception,The 48th Annual) Tj ETQq0 0 0.1rgBT /Overlock 10 T	0.1	0
103	1G1636 Interaction of human calcitonin with curcumin as an inhibitor of fibrillation as revealed by NMR spectroscopy(Protein: Structure 1,The 49th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2011, 51, S48.	0.1	0
104	3Q0936 Photo-induced dynamics change of phoborhodopsin with transducer protein as studied by in-situ photo irradiated solid-state NMR(Photobiology : Vision & Photoreception3,The 49th Annual) Tj ETQq0 0 0.1rgBT /Overlock 10 T	0.1	0
105	1A1624 Dynamics structure of melittin bound to membrane as measured by solid state ^{17}O NMR(Biol & Artifi memb 1: Structure & Property, Dynamics,The 49th Annual Meeting of the) Tj ETQq1 1 0.784314rgBT /Overlock 10 T	0.784314	0
106	3Q0924 Local structure and dynamics changes at Tyr residues in Bacteriorhodopsin corresponding to two retinal isomers by solid-state NMR(Photobiology : Vision & Photoreception3,The 49th Annual) Tj ETQq0 0 0.1rgBT /Overlock 10 T	0.1	0
107	3Q1012 Trapping M-intermediate of D96N-bR as studied by in-situ photo-irradiated solid-state NMR(Photobiology : Vision & Photoreception3,The 49th Annual Meeting of the Biophysical Society) Tj ETQq1 1 0.784314rgBT /Overlock 10 T	0.784314	0
108	2A1412 Dynamic structure of antimicrobial peptide alamethicin bound to the acidic lipid bilayers as revealed by solid-state NMR spectroscopy(Biol & Artifi memb 2: Structure & Property, Dynamics, Signal) Tj ETQq0 0 0.1rgBT /Overlock 10 T S73.	0.1	0

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109	3PT114 Structure and affinity of bovine lactoferrampin bind to neutral model membrane as studied by by solid state NMR and QCM(The 50th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsurei, 2012, 52, S159-S160.	0.1	0
110	2PT168 Conformational change in M-intermediate of D96N-bR as studied by in-situ photo-irradiated solid-state NMR(The 50th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsurei, 2012, 52, S134.	0.1	0
111	1F1558 Light activated states of photoreceptor membrane proteins as revealed by in-situ photo-irradiated solid-state NMR(Photobiology: Vision & Photoreception I,Oral Presentation,The) Tj ETQq1 1 00784314 rgBT /Overlock 10 Tf 50 462 Td (0.1	0
112	3P067 Analyses of amyloid fibrillation mechanism and its inhibition effect of hCT as studied by ^<13>C solid-state NMR and TEM(01C. Protein: Property,Poster). Seibutsu Butsurei, 2013, 53, S223.	0.1	0
113	3P069 Amyloid-like fibrillization and the structure of human calcitonin in the presence of acidic lipids(01C. Protein: Property,Poster). Seibutsu Butsurei, 2013, 53, S223.	0.1	0
114	1P288 Development of in-situ microwave irradiation NMR spectroscopy for observing non-equilibrium heating state of substances(26. Measurements,Poster). Seibutsu Butsurei, 2013, 53, S153.	0.1	0
115	2P209 Structure and affinity analysis of bovine lactoferrampin bound to a neutral model membrane as studied by solid state NMR and QCM(13A. Biological & Artificial membrane: Structure &) Tj ETQq1 1 0.784314 rgBTd@overlock 10 Tf 50 462 Td (0.1	0
116	1P201 Elucidation of the antimicrobial activity based on affinity and bound structure of LFampinB embedded into the neutral membrane(13A. Biological & Artificial membrane: Structure &) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (Butsurei, 2014, 54, S174.	0.1	0
117	Solid-state NMR Structural Study of Membrane Proteins. Seibutsu Butsurei, 2016, 56, 036-039.	0.1	0
118	Absorption of Cu(II) in layered diaminoalkyl- and monoaminoalkyl-polysilsesquioxane. Polymer, 2017, 132, 227-234.	3.8	0
119	Structure Determination of Membrane Peptides and Proteins by Solid-State NMR. , 2018, , 253-293.		0
120	Microwave Heating of Liquid Crystals and Ethanol-Hexane Mixed Solution and Its Features (Review). , 0, , .		0
121	In-Situ Photo Irradiation Solid-State NMR Spectroscopy Applied to Retinal-Binding Membrane Proteins. , 2017, , 1-22.		0
122	Fluorescent Hydrogel Based on Self-assembling Acridonylalanine-phenylalanine. Chemistry Letters, 2022, 51, 687-689.	1.3	0
123	Advanced Research on Structureâ€“Function Relationships of Membrane Proteins. Membranes, 2022, 12, 672.	3.0	0