

Izuru Kawamura

List of Publications by Year in descending order

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123
papers

1,392
citations

361413

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128
all docs

128
docs citations

128
times ranked

1470
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo design of a nanopore for single-molecule detection that incorporates a Î²-hairpin peptide. <i>Nature Nanotechnology</i> , 2022, 17, 67-75.	31.5	44
2	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
3	Photoswitching of 5-phenylazopyrimidines in crystalline powders and thin films. <i>Dyes and Pigments</i> , 2022, 199, 110066.	3.7	1
4	Two-dimensional Imaging of a Model Pharmaceutical Dosage Tablet Using a Scanning Vibrational Circular Dichroism System. <i>Chemistry Letters</i> , 2022, 51, 205-207.	1.3	1
5	Photoreaction Pathways of Bacteriorhodopsin and Its D96N Mutant as Revealed by in Situ Photoirradiation Solid-State NMR. <i>Membranes</i> , 2022, 12, 279.	3.0	1
6	Fluorescent Hydrogel Based on Self-assembling Acridonylalanine-phenylalanine. <i>Chemistry Letters</i> , 2022, 51, 687-689.	1.3	0
7	Advanced Research on Structureâ€“Function Relationships of Membrane Proteins. <i>Membranes</i> , 2022, 12, 672.	3.0	0
8	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
9	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
10	Vibrational Circular Dichroism System Equipped with Quantum Cascade Laser for Microscopic Scanning. <i>Chemistry Letters</i> , 2021, 50, 1543-1545.	1.3	9
11	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
12	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
13	Structural determination of the sheath-forming polysaccharide of <i>Sphaerotilus montanus</i> using thiopeptidoglycan lyase which recognizes the 1,4 linkage between β -d-GalN and β -d-GlcA. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 992-1001.	7.5	5
14	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
15	Vibrational circular dichroism of α -amino acid-containing peptide NdWFamide in the crystal form. <i>Chirality</i> , 2021, 33, 652-659.	2.6	1
16	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
17	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
18	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

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19	31P and 13C 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
20	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
21	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
22	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
23	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
24	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
25	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
26	Soft chromophore featured liquid porphyrins and their utilization toward liquid electret applications. <i>Nature Communications</i> , 2019, 10, 4210.	12.8	32
27	Solid-state NMR characterization of triacylglycerol and polysaccharides in coffee beans. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 803-809.	1.3	12
28	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
29	Solid-state vibrational circular dichroism studies of L- and D-serine. <i>Analytical Biochemistry</i> , 2019, 580, 14-20.	2.4	14
30	Self-assembly of tripeptides into β -turn nanostructures. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10879-10883.	2.8	20
31	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
32	Inhibitory regulation mechanism of naphthoquinone and its derivatives in radical polymerization. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3941.	1.9	5
33	Fibrillation mechanism of glucagon in the presence of phospholipid bilayers as revealed by 13C solid-state NMR spectroscopy. <i>Chemistry and Physics of Lipids</i> , 2019, 219, 36-44.	3.2	4
34	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
35	Interaction of Clear Flavor Emulsions Containing Lemon Essential Oils with Lipid Bilayers via a Quartz Crystal Microbalance. <i>Food Science and Technology Research</i> , 2019, 25, 879-884.	0.6	1
36	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

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37	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
38	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
39	Photoirradiation and Microwave Irradiation NMR Spectroscopy. , 2018, , 135-170.		5
40	Electrooxidative Copolymerization of 3,4-Ethylenedioxithiophene and Benzene from a Mixture of Each Monomer. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 141-146.	3.2	1
41	Structure Determination of Membrane Peptides and Proteins by Solid-State NMR. , 2018, , 253-293.		0
42	Retinal Configuration of ppR Intermediates Revealed by Photoirradiation Solid-State NMR and ADFT. <i>Biophysical Journal</i> , 2018, 115, 72-83.	0.5	8
43	Solid-State NMR Characterization of the Structure of Self-Assembled Ileâ€“Pheâ€“OH. <i>Magnetochemistry</i> , 2018, 4, 30.	2.4	4
44	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
45	In Situ Photo Irradiation Solid-State NMR Spectroscopy Applied to Retinal-Binding Membrane Proteins. , 2018, , 537-557.		1
46	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
47	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
48	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
49	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
50	Absorption of Cu(II) in layered diaminoalkyl- and monoaminoalkyl-polysilsesquioxane. <i>Polymer</i> , 2017, 132, 227-234.	3.8	0
51	In-Situ Photo Irradiation Solid-State NMR Spectroscopy Applied to Retinal-Binding Membrane Proteins. , 2017, , 1-22.		0
52	Magnetically Alignable Bicelles with Unprecedented Stability Using Tunable Surfactants Derived from Cholic Acid. <i>ChemPhysChem</i> , 2016, 17, 3916-3922.	2.1	7
53	Solid-state NMR Structural Study of Membrane Proteins. <i>Seibutsu Butsuri</i> , 2016, 56, 036-039.	0.1	0
54	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

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55	Polysilsesquioxanes with mixed self-assembled organic tethers: Alkyl chains and alkanooateâ€“aminopropyl pairs. <i>Reactive and Functional Polymers</i> , 2016, 99, 9-16.	4.1	2
56	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
57	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
58	Mechanism for microwave heating of 1-(4-â€“cyanophenyl)-4-propylcyclohexane characterized by in situ microwave irradiation NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2015, 254, 27-34.	2.1	4
59	The microwave heating mechanism of N-(4-methoxybenzyliden)-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
60	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
61	Colorâ€“Discriminating Retinal Configurations of Sensory Rhodopsinâ€“I by Photoâ€“Irradiation Solidâ€“State NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6960-6964.	13.8	20
62	Interaction of Extracellular Loop II of μ -Opioid Receptor (196â€“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
63	1P201 Elucidation of the antimicrobial activity based on affinity and bound structure of LFampinB embedded into the neutral membrane(13A. <i>Biological & Artificial membrane: Structure & Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 0.1</i> Butsuri, 2014, 54, S174.		
64	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
65	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
66	Solid-state NMR spectroscopy structure determination of a lipid-embedded heptahelical membrane protein. <i>Nature Methods</i> , 2013, 10, 1007-1012.	19.0	196
67	Enantioselective Photochromism of Diarylethenes in Human Serum Albumin. <i>Chemistry - A European Journal</i> , 2013, 19, 9434-9437.	3.3	25
68	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
69	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
70	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). <i>Seibutsu Butsuri</i> , 2013, 53, S223.	0.1	0
71	3P069 Amyloid-like fibrillization and the structure of human calcitonin in the presence of acidic lipids(01C. Protein: Property,Poster). <i>Seibutsu Butsuri</i> , 2013, 53, S223.	0.1	0
72	1P288 Development of in-situ microwave irradiation NMR spectroscopy for observing non-equilibrium heating state of substances(26. Measurements,Poster). <i>Seibutsu Butsuri</i> , 2013, 53, S153.	0.1	0

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73	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 rgBT /Overlock 10 Tf 507	0.1	0
74	3PT114 Structure and affinity of bovine lactferrampin 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
75	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
76	Characterization of Amorphized Zeolite A by Combining High-Energy X-ray Diffraction and High-Resolution Transmission Electron Microscopy. Journal of Physical Chemistry C, 2012, 116, 25293-25299.	3.1	15
77	Change in local dynamics of bacteriorhodopsin with retinal isomerization under pressure as studied by fast magic angle spinning NMR. Polymer Journal, 2012, 44, 863-867.	2.7	6
78	Structure and Orientation of Bovine Lactoferrampin in the Mimetic Bacterial Membrane as Revealed by Solid-State NMR and Molecular Dynamics Simulation. Biophysical Journal, 2012, 103, 1735-1743.	0.5	25
79	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 0.784314 rgBT /Overlock 10 Tf 507	0.5	26
80	An Active Photoreceptor Intermediate Revealed by In Situ Photoirradiated Solid-State NMR Spectroscopy. Biophysical Journal, 2011, 101, L50-L52.	0.5	26
81	Site-Specific Solid-State NMR Detection of Hydrogen-Deuterium Exchange Reveals Conformational Changes in a 7-Helical Transmembrane Protein. Biophysical Journal, 2011, 101, L23-L25.	0.5	33
82	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 Butsurei, 2011, 51, S48.	0.1	0
83	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 ETQq1 1 0.784314 rgBT /Overlock 10 Tf 507	0.1	0
84	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 ETQq0 0 0.784314 rgBT /Overlock 10 Tf 507	0.1	0
85	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 ETQq1 1 0.784314 rgBT /Overlock 10 Tf 507	0.1	0
86	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 ETQq0 0.0 rgBT /Overlock 10 Tf 507	0.1	0
87	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 ETQq1 1 0.784314 rgBT /Overlock 10 Tf 507	0.1	0
88	Conformation of a Sevenâ€ Helical Transmembrane Photosensor in the Lipid Environment. Angewandte Chemie - International Edition, 2011, 50, 1302-1305.	13.8	108
89	2P281 Pressure effect on retinal isomerization in bacteriorhodopsin as studied by solid state NMR(The) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 507	0.1	0
90	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 ETQq0 0 0 rgBT /Overlock 10 Tf 507	0.1	0

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91	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 ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 57	0.1	0
92	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 ETQq0 0.0 rgBT /Overlock 10 Tf 50 57	0.1	0
93	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 ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 57	0.1	0
94	Participation of the BC Loop in the Correct Folding of Bacteriorhodopsin as Revealed by Solid-state NMR¹³C NMR¹³C NMR¹³C NMR¹³. Photochemistry and Photobiology, 2009, 85, 624-630.	2.5	9
95	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
96	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 rgBT /Overlock 10 Tf 50 57	0.1	0
97	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 0.784314 rgBT /Overlock 10 Tf 50 57	0.1	0
98	1P-218 Change of interaction in cytoplasmic surface region of ppR with pHtrII in the complex formation as studied by solid-state NMR(Photobiology:Vision & Photoreception, The 47th Annual Meeting of) Tj ETQq0 0.0 rgBT /Overlock 10 Tf 50 57	0.1	0
99	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 0.784314 rgBT /Overlock 10 Tf 50 57 S180.	0.1	0
100	Dynamics Change of Phoborhodopsin and Transducer by Activation: Study Using D75N Mutant of the Receptor by Site-directed Solid-state ¹³ C NMR¹³C NMR¹³C NMR¹³. Photochemistry and Photobiology, 2008, 84, 921-930.	2.5	14
101	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
102	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 ETQq0 0.0 rgBT /Overlock 10 Tf 50 57	0.1	0
103	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
104	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
105	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
106	1P-270 The role of kinked structures in the B and C \pm -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
107	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
108	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 57	0.1	0

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109	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
110	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 50 697 Td (ph	0.1	0
111	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
112	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 50 617	0.1	0
113	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 0.784314rgBT /Overlock 10 Tf 50 617	0.1	0
114	3P228 Analysis of Photoactivated pharaonis Phoborhodopsin by Solid-State NMR(Photobiology- vision) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617	0.1	0
115	Solid-state NMR as a method to reveal structure and membrane-interaction of amyloidogenic proteins and peptides. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 1900-1912.	2.6	62
116	Dynamic aspects of extracellular loop region as a proton release pathway of bacteriorhodopsin studied by relaxation time measurements by solid state NMR. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 3090-3097.	2.6	20
117	Solid-State NMR Studies of Two Backbone Conformations at Tyr185 as a Function of Retinal Configurations in the Dark, Light, and Pressure Adapted Bacteriorhodopsins. Journal of the American Chemical Society, 2007, 129, 1016-1017.	13.7	31
118	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
119	Participation of the Surface Structure of Pharaonis Phoborhodopsin, ppR and its A149S and A149V mutants, Consisting of the C-terminal $\hat{1}\pm$ -helix and E-F Loop, in the Complex-formation with the Cognate Transducer pHtrll, as Revealed by Site-directed ¹³ C Solid. Photochemistry and Photobiology, 2007, 83, 339-345.	2.5	14
120	Pressure-induced Isomerization of Retinal on Bacteriorhodopsin as Disclosed by Fast Magic Angle Spinning NMR. Photochemistry and Photobiology, 2007, 83, 346-350.	2.5	27
121	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. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 181-189.	2.6	10
122	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 617	0.1	0
123	Microwave Heating of Liquid Crystals and Ethanol-Hexane Mixed Solution and Its Features (Review). , 0, , .		0