

Yuji Goto

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129
papers

9,022
citations

48
h-index

94
g-index

134
ext. papers

10,139
ext. citations

5.7
avg, IF

5.93
L-index

#	Paper	IF	Citations
129	Accurate secondary structure prediction and fold recognition for circular dichroism spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E3095-103	11.5	825
128	Mechanism of acid-induced folding of proteins. <i>Biochemistry</i> , 1990 , 29, 3480-8	3.2	562
127	Trifluoroethanol-induced stabilization of the alpha-helical structure of beta-lactoglobulin: implication for non-hierarchical protein folding. <i>Journal of Molecular Biology</i> , 1995 , 245, 180-94	6.5	418
126	Conformational states of beta-lactamase: molten-globule states at acidic and alkaline pH with high salt. <i>Biochemistry</i> , 1989 , 28, 945-52	3.2	414
125	BeStSel: a web server for accurate protein secondary structure prediction and fold recognition from the circular dichroism spectra. <i>Nucleic Acids Research</i> , 2018 , 46, W315-W322	20.1	412
124	Classification of acid denaturation of proteins: intermediates and unfolded states. <i>Biochemistry</i> , 1994 , 33, 12504-11	3.2	385
123	Clustering of Fluorine-Substituted Alcohols as a Factor Responsible for Their Marked Effects on Proteins and Peptides. <i>Journal of the American Chemical Society</i> , 1999 , 121, 8427-8433	16.4	329
122	Mapping the core of the beta(2)-microglobulin amyloid fibril by H/D exchange. <i>Nature Structural Biology</i> , 2002 , 9, 332-6		290
121	Group additive contributions to the alcohol-induced alpha-helix formation of melittin: implication for the mechanism of the alcohol effects on proteins. <i>Journal of Molecular Biology</i> , 1998 , 275, 365-78	6.5	228
120	3D structure of amyloid protofilaments of beta2-microglobulin fragment probed by solid-state NMR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 18119-24	11.5	205
119	Direct observation of Abeta amyloid fibril growth and inhibition. <i>Journal of Molecular Biology</i> , 2004 , 344, 757-67	6.5	202
118	Distinguishing crystal-like amyloid fibrils and glass-like amorphous aggregates from their kinetics of formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 14446-51	11.5	200
117	Low concentrations of sodium dodecyl sulfate induce the extension of beta 2-microglobulin-related amyloid fibrils at a neutral pH. <i>Biochemistry</i> , 2004 , 43, 11075-82	3.2	172
116	Phase diagram for acidic conformational states of apomyoglobin. <i>Journal of Molecular Biology</i> , 1990 , 214, 803-5	6.5	150
115	Critical balance of electrostatic and hydrophobic interactions is required for beta 2-microglobulin amyloid fibril growth and stability. <i>Biochemistry</i> , 2005 , 44, 1288-99	3.2	144
114	Formation of Ni ₃ C Nanocrystals by Thermolysis of Nickel Acetylacetonate in Oleylamine: Characterization Using Hard X-ray Photoelectron Spectroscopy. <i>Chemistry of Materials</i> , 2008 , 20, 4156-4160	9.6	138
113	Ultrasonication-induced amyloid fibril formation of beta2-microglobulin. <i>Journal of Biological Chemistry</i> , 2005 , 280, 32843-8	5.4	138

112	Glycosaminoglycans enhance the trifluoroethanol-induced extension of beta 2-microglobulin-related amyloid fibrils at a neutral pH. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 126-33	12.7	136
111	Guanidine hydrochloride-induced folding of proteins. <i>Journal of Molecular Biology</i> , 1993 , 231, 180-4	6.5	127
110	Thermodynamic stability of the molten globule states of apomyoglobin. <i>Journal of Molecular Biology</i> , 1995 , 250, 223-38	6.5	117
109	Direct observation of amyloid fibril growth, propagation, and adaptation. <i>Accounts of Chemical Research</i> , 2006 , 39, 663-70	24.3	116
108	Investigation of a peptide responsible for amyloid fibril formation of beta 2-microglobulin by achromobacter protease I. <i>Journal of Biological Chemistry</i> , 2002 , 277, 1310-5	5.4	109
107	Amyloid fibril formation in the context of full-length protein: effects of proline mutations on the amyloid fibril formation of beta2-microglobulin. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47016-24	5.4	104
106	Ultrasonication-dependent production and breakdown lead to minimum-sized amyloid fibrils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 11119-24	11.5	103
105	Direct measurement of the thermodynamic parameters of amyloid formation by isothermal titration calorimetry. <i>Journal of Biological Chemistry</i> , 2004 , 279, 55308-14	5.4	101
104	Mechanism by which the amyloid-like fibrils of a beta 2-microglobulin fragment are induced by fluorine-substituted alcohols. <i>Journal of Molecular Biology</i> , 2006 , 363, 279-88	6.5	98
103	Heat-induced conversion of beta(2)-microglobulin and hen egg-white lysozyme into amyloid fibrils. <i>Journal of Molecular Biology</i> , 2007 , 372, 981-991	6.5	91
102	Dissolution of beta2-microglobulin amyloid fibrils by dimethylsulfoxide. <i>Journal of Biochemistry</i> , 2003 , 134, 159-64	3.1	89
101	The role of disulfide bond in the amyloidogenic state of beta(2)-microglobulin studied by heteronuclear NMR. <i>Protein Science</i> , 2002 , 11, 2218-29	6.3	80
100	Principal component analysis of the pH-dependent conformational transitions of bovine beta-lactoglobulin monitored by heteronuclear NMR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15346-51	11.5	76
99	The intrachain disulfide bond of beta(2)-microglobulin is not essential for the immunoglobulin fold at neutral pH, but is essential for amyloid fibril formation at acidic pH. <i>Journal of Biochemistry</i> , 2002 , 131, 45-52	3.1	72
98	Heat of supersaturation-limited amyloid burst directly monitored by isothermal titration calorimetry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6654-9	11.5	69
97	Mechanism of the conformational transition of melittin. <i>Biochemistry</i> , 1992 , 31, 732-8	3.2	69
96	Structure, folding dynamics, and amyloidogenesis of D76N β -microglobulin: roles of shear flow, hydrophobic surfaces, and β -crystallin. <i>Journal of Biological Chemistry</i> , 2013 , 288, 30917-30	5.4	63
95	Anion and pH-dependent conformational transition of an amphiphilic polypeptide. <i>Journal of Molecular Biology</i> , 1991 , 218, 387-96	6.5	63

94	Seeding-dependent maturation of beta2-microglobulin amyloid fibrils at neutral pH. <i>Journal of Biological Chemistry</i> , 2005 , 280, 12012-8	5.4	60
93	Critical role of interfaces and agitation on the nucleation of Abeta amyloid fibrils at low concentrations of Abeta monomers. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010 , 1804, 986-95	4	59
92	Small liposomes accelerate the fibrillation of amyloid β (1-40). <i>Journal of Biological Chemistry</i> , 2015 , 290, 815-26	5.4	58
91	Amyloid nucleation triggered by agitation of beta2-microglobulin under acidic and neutral pH conditions. <i>Biochemistry</i> , 2008 , 47, 2650-60	3.2	57
90	Parkinson's disease is a type of amyloidosis featuring accumulation of amyloid fibrils of β synuclein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17963-17969	11.5	56
89	Cold denaturation of β synuclein amyloid fibrils. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7799-804	16.4	56
88	Ultrasonication-dependent acceleration of amyloid fibril formation. <i>Journal of Molecular Biology</i> , 2011 , 412, 568-77	6.5	54
87	Effects of ammonium sulfate on the unfolding and refolding of the variable and constant fragments of an immunoglobulin light chain. <i>Biochemistry</i> , 1988 , 27, 1670-7	3.2	54
86	Conformational stability of amyloid fibrils of beta2-microglobulin probed by guanidine-hydrochloride-induced unfolding. <i>FEBS Letters</i> , 2004 , 576, 313-9	3.8	53
85	Synchrotron FTIR micro-spectroscopy for structural analysis of Lewy bodies in the brain of Parkinson's disease patients. <i>Scientific Reports</i> , 2015 , 5, 17625	4.9	52
84	Main-chain dominated amyloid structures demonstrated by the effect of high pressure. <i>Journal of Molecular Biology</i> , 2005 , 352, 941-51	6.5	52
83	Reversible heat-induced dissociation of β 2-microglobulin amyloid fibrils. <i>Biochemistry</i> , 2011 , 50, 3211-20	3.2	49
82	A comprehensive model for packing and hydration for amyloid fibrils of beta2-microglobulin. <i>Journal of Biological Chemistry</i> , 2009 , 284, 2169-75	5.4	49
81	Kinetically controlled thermal response of beta2-microglobulin amyloid fibrils. <i>Journal of Molecular Biology</i> , 2005 , 352, 700-11	6.5	47
80	Supersaturation-limited and Unlimited Phase Transitions Compete to Produce the Pathway Complexity in Amyloid Fibrillation. <i>Journal of Biological Chemistry</i> , 2015 , 290, 18134-18145	5.4	45
79	Revisiting supersaturation as a factor determining amyloid fibrillation. <i>Current Opinion in Structural Biology</i> , 2016 , 36, 32-9	8.1	43
78	Dimethylsulfoxide-quenched hydrogen/deuterium exchange method to study amyloid fibril structure. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 1886-99	3.8	42
77	Charge repulsion in the conformational stability of melittin. <i>Biochemistry</i> , 1992 , 31, 11908-14	3.2	42

76	Lysophospholipids induce the nucleation and extension of beta2-microglobulin-related amyloid fibrils at a neutral pH. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 3247-55	4.3	38
75	Measurement of amyloid formation by turbidity assay-seeing through the cloud. <i>Biophysical Reviews</i> , 2016 , 8, 445-471	3.7	38
74	Supersaturation-limited amyloid fibrillation of insulin revealed by ultrasonication. <i>Journal of Biological Chemistry</i> , 2014 , 289, 18228-38	5.4	37
73	Polymorphism of β -microglobulin amyloid fibrils manifested by ultrasonication-enhanced fibril formation in trifluoroethanol. <i>Journal of Biological Chemistry</i> , 2012 , 287, 22827-37	5.4	36
72	Growth of beta(2)-microglobulin-related amyloid fibrils by non-esterified fatty acids at a neutral pH. <i>Biochemical Journal</i> , 2008 , 416, 307-15	3.8	33
71	Molecular interactions in the formation and deposition of beta2-microglobulin-related amyloid fibrils. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2005 , 12, 15-25	2.7	33
70	Nucleus factory on cavitation bubble for amyloid β fibril. <i>Scientific Reports</i> , 2016 , 6, 22015	4.9	32
69	Acceleration of the depolymerization of amyloid β fibrils by ultrasonication. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2480-5	4	30
68	High-throughput analysis of ultrasonication-forced amyloid fibrillation reveals the mechanism underlying the large fluctuation in the lag time. <i>Journal of Biological Chemistry</i> , 2014 , 289, 27290-27299	5.4	30
67	The monomer-seed interaction mechanism in the formation of the β -microglobulin amyloid fibril clarified by solution NMR techniques. <i>Journal of Molecular Biology</i> , 2012 , 422, 390-402	6.5	30
66	Structural stability of amyloid fibrils of beta(2)-microglobulin in comparison with its native fold. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005 , 1753, 64-75	4	30
65	A multi-pathway perspective on protein aggregation: implications for control of the rate and extent of amyloid formation. <i>FEBS Letters</i> , 2015 , 589, 672-9	3.8	29
64	Protein aggregate turbidity: Simulation of turbidity profiles for mixed-aggregation reactions. <i>Analytical Biochemistry</i> , 2016 , 498, 78-94	3.1	29
63	A common mechanism underlying amyloid fibrillation and protein crystallization revealed by the effects of ultrasonication. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2640-6	4	29
62	Solubility and supersaturation-dependent protein misfolding revealed by ultrasonication. <i>Langmuir</i> , 2014 , 30, 1845-54	4	28
61	Mechanism of lysophosphatidic acid-induced amyloid fibril formation of beta(2)-microglobulin in vitro under physiological conditions. <i>Biochemistry</i> , 2009 , 48, 5689-99	3.2	27
60	Heat-triggered conversion of protofibrils into mature amyloid fibrils of beta2-microglobulin. <i>Biochemistry</i> , 2007 , 46, 3286-93	3.2	26
59	Model membrane size-dependent amyloidogenesis of Alzheimer's amyloid- β peptides. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 16257-16266	3.6	25

58	Ultrafast propagation of β amyloid fibrils in oligomeric cloud. <i>Scientific Reports</i> , 2014 , 4, 6960	4.9	25
57	Ultrasonication: An Efficient Agitation for Accelerating the Supersaturation-Limited Amyloid Fibrillation of Proteins. <i>Japanese Journal of Applied Physics</i> , 2013 , 52, 07HA01	1.4	25
56	Salt-induced formations of partially folded intermediates and amyloid fibrils suggests a common underlying mechanism. <i>Biophysical Reviews</i> , 2018 , 10, 493-502	3.7	23
55	Membrane-induced initial structure of β synuclein control its amyloidogenesis on model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 757-766	3.8	23
54	Heparin-dependent aggregation of hen egg white lysozyme reveals two distinct mechanisms of amyloid fibrillation. <i>Journal of Biological Chemistry</i> , 2017 , 292, 21219-21230	5.4	23
53	Aggregation-phase diagrams of β microglobulin reveal temperature and salt effects on competitive formation of amyloids amorphous aggregates. <i>Journal of Biological Chemistry</i> , 2018 , 293, 14775-14785	5.4	21
52	Exothermic effects observed upon heating of beta2-microglobulin monomers in the presence of amyloid seeds. <i>Biochemistry</i> , 2006 , 45, 8760-9	3.2	21
51	Possible mechanisms of polyphosphate-induced amyloid fibril formation of β microglobulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 12833-12838 ^{11.5}		20
50	The molten globule of β 2-microglobulin accumulated at pH 4 and its role in protein folding. <i>Journal of Molecular Biology</i> , 2013 , 425, 273-91	6.5	20
49	Nanocrystals of zirconia- and ceria-based solid electrolytes: Syntheses and properties. <i>Science and Technology of Advanced Materials</i> , 2007 , 8, 524-530	7.1	20
48	Ultrasonication-based rapid amplification of β synuclein aggregates in cerebrospinal fluid. <i>Scientific Reports</i> , 2019 , 9, 6001	4.9	19
47	Seed-dependent deposition behavior of A β peptides studied with wireless quartz-crystal-microbalance biosensor. <i>Analytical Chemistry</i> , 2011 , 83, 4982-8	7.8	19
46	The Antibody Light-Chain Linker Is Important for Domain Stability and Amyloid Formation. <i>Journal of Molecular Biology</i> , 2015 , 427, 3572-3586	6.5	18
45	Drastic acceleration of fibrillation of insulin by transient cavitation bubble. <i>Ultrasonics Sonochemistry</i> , 2017 , 36, 206-211	8.9	18
44	Direct observation of minimum-sized amyloid fibrils using solution NMR spectroscopy. <i>Protein Science</i> , 2010 , 19, 2347-55	6.3	18
43	Amorphous Aggregation of Cytochrome c with Inherently Low Amyloidogenicity Is Characterized by the Metastability of Supersaturation and the Phase Diagram. <i>Langmuir</i> , 2016 , 32, 2010-22	4	17
42	A Stable Mutant Predisposes Antibody Domains to Amyloid Formation through Specific Non-Native Interactions. <i>Journal of Molecular Biology</i> , 2016 , 428, 1315-1332	6.5	17
41	Kinetic intermediates of β 2-microglobulin fibril elongation probed by pulse-labeling H/D exchange combined with NMR analysis. <i>Journal of Molecular Biology</i> , 2011 , 405, 851-62	6.5	17

40	The amyloid fibrils of the constant domain of immunoglobulin light chain. <i>FEBS Letters</i> , 2010 , 584, 3348-53	5.3	16
39	Heparin-induced amyloid fibrillation of β microglobulin explained by solubility and a supersaturation-dependent conformational phase diagram. <i>Protein Science</i> , 2017 , 26, 1024-1036	6.3	15
38	Heating during agitation of β microglobulin reveals that supersaturation breakdown is required for amyloid fibril formation at neutral pH. <i>Journal of Biological Chemistry</i> , 2019 , 294, 15826-15835	5.4	15
37	Breakdown of supersaturation barrier links protein folding to amyloid formation. <i>Communications Biology</i> , 2021 , 4, 120	6.7	15
36	Ultrasonication-dependent formation and degradation of β synuclein amyloid fibrils. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015 , 1854, 209-17	4	14
35	A residue-specific shift in stability and amyloidogenicity of antibody variable domains. <i>Journal of Biological Chemistry</i> , 2014 , 289, 26829-26846	5.4	14
34	Supersaturation-Limited and Unlimited Phase Spaces Compete to Produce Maximal Amyloid Fibrillation near the Critical Micelle Concentration of Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2015 , 31, 9973-82	4	12
33	Thermal response with exothermic effects of beta2-microglobulin amyloid fibrils and fibrillation. <i>Journal of Molecular Biology</i> , 2009 , 389, 584-94	6.5	12
32	Isolation of short peptide fragments from alpha-synuclein fibril core identifies a residue important for fibril nucleation: a possible implication for diagnostic applications. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010 , 1804, 2077-87	4	12
31	Heat-Induced Aggregation of Hen Ovalbumin Suggests a Key Factor Responsible for Serpin Polymerization. <i>Biochemistry</i> , 2018 , 57, 5415-5426	3.2	11
30	Elongation of amyloid fibrils through lateral binding of monomers revealed by total internal reflection fluorescence microscopy. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 1881-8	4	10
29	Mechanisms of Ultrasonically Induced Fibrillation of Amyloid β 40Peptides. <i>Japanese Journal of Applied Physics</i> , 2013 , 52, 07HE10	1.4	10
28	A two-step refolding of acid-denatured microbial transglutaminase escaping from the aggregation-prone intermediate. <i>Biochemistry</i> , 2011 , 50, 10390-8	3.2	10
27	Synthesis of CeO ₂ , ZrO ₂ Nanocrystals, and Core-Shell-Type Nanocomposites. <i>Journal of the Electrochemical Society</i> , 2006 , 153, A2269	3.9	10
26	Isoelectric point-amyloid formation of β synuclein extends the generality of the solubility and supersaturation-limited mechanism. <i>Current Research in Structural Biology</i> , 2020 , 2, 35-44	2.8	9
25	Current Understanding of the Structure, Stability and Dynamic Properties of Amyloid Fibrils. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
24	Acceleration of deposition of A β (1-40) peptide on ultrasonically formed A β (1-42) nucleus studied by wireless quartz-crystal-microbalance biosensor. <i>Biosensors and Bioelectronics</i> , 2013 , 40, 200-5	11.8	8
23	Recognizing and analyzing variability in amyloid formation kinetics: Simulation and statistical methods. <i>Analytical Biochemistry</i> , 2016 , 510, 56-71	3.1	8

22	Amyloid Formation of β -Synuclein Based on the Solubility- and Supersaturation-Dependent Mechanism. <i>Langmuir</i> , 2020 , 36, 4671-4681	4	7
21	Thioflavin T-Silent Denaturation Intermediates Support the Main-Chain-Dominated Architecture of Amyloid Fibrils. <i>Biochemistry</i> , 2016 , 55, 3937-48	3.2	7
20	Optimized sonoreactor for accelerative amyloid-fibril assays through enhancement of primary nucleation and fragmentation. <i>Ultrasonics Sonochemistry</i> , 2021 , 73, 105508	8.9	6
19	Optimized Ultrasonic Irradiation Finds Out Ultrastable A β Oligomers. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 2603-2613	3.4	5
18	Polyphosphates diminish solubility of a globular protein and thereby promote amyloid aggregation. <i>Journal of Biological Chemistry</i> , 2019 , 294, 15318-15329	5.4	5
17	Polyphenol-solubility alters amyloid fibril formation of β -synuclein. <i>Protein Science</i> , 2021 , 30, 1701-1713	6.3	5
16	Inorganic polyphosphate potentiates lipopolysaccharide-induced macrophage inflammatory response. <i>Journal of Biological Chemistry</i> , 2020 , 295, 4014-4023	5.4	4
15	A back hydrogen exchange procedure via the acid-unfolded state for a large protein. <i>Biochemistry</i> , 2012 , 51, 5564-70	3.2	4
14	Time-Resolved Observation of Evolution of Amyloid- β Oligomer with Temporary Salt Crystals. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 6176-6184	6.4	3
13	Dialysis-related amyloidosis associated with a novel β -microglobulin variant. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2021 , 28, 42-49	2.7	3
12	Disaggregation Behavior of Amyloid β -Fibrils by Anthocyanins Studied by Total-Internal-Reflection-Fluorescence Microscopy Coupled with a Wireless Quartz-Crystal Microbalance Biosensor. <i>Analytical Chemistry</i> , 2021 , 93, 11176-11183	7.8	3
11	Nucleation/Oscillation dynamics of A β -40 peptides on liquid/solid surface studied by total-internal-reflection fluorescence microscopy coupled with quartz-crystal microbalance biosensor. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 07HE01	1.4	2
10	Two-step screening method to identify β -synuclein aggregation inhibitors for Parkinson's disease.. <i>Scientific Reports</i> , 2022 , 12, 351	4.9	2
9	Half-Time Heat Map Reveals Ultrasonic Effects on Morphology and Kinetics of Amyloidogenic Aggregation Reaction. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 3456-3466	5.7	2
8	Amyloid Formation under Complicated Conditions in Which β -Microglobulin Coexists with Its Proteolytic Fragments. <i>Biochemistry</i> , 2019 , 58, 4925-4934	3.2	1
7	Conformational change in the monomeric alpha-synuclein imparts fibril polymorphs		1
6	Strong acids induce amyloid fibril formation of β -microglobulin via an anion-binding mechanism. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101286	5.4	1
5	Development of HANABI, an ultrasonication-forced amyloid fibril inducer.. <i>Neurochemistry International</i> , 2021 , 153, 105270	4.4	0

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| 4 | Multistep Changes in Amyloid Structure Induced by Cross-Seeding on a Rugged Energy Landscape. <i>Biophysical Journal</i> , 2021 , 120, 284-295 | 2.9 | ○ |
| 3 | Polyphosphates induce amyloid fibril formation of β -synuclein in concentration-dependent distinct manners. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100510 | 5.4 | ○ |
| 2 | Acceleration of amyloid fibril formation by multichannel sonochemical reactor. <i>Japanese Journal of Applied Physics</i> , 2022 , 61, SG1002 | 1.4 | ○ |
| 1 | Linking Protein Folding to Amyloid Formation. <i>Seibutsu Butsuri</i> , 2021 , 61, 358-365 | ○ | |