

# Yuji Goto

## List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate secondary structure prediction and fold recognition for circular dichroism spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3095-103.	7.1	1,215
2	BeStSel: a web server for accurate protein secondary structure prediction and fold recognition from the circular dichroism spectra. Nucleic Acids Research, 2018, 46, W315-W322.	14.5	771
3	Mechanism of acid-induced folding of proteins. Biochemistry, 1990, 29, 3480-3488.	2.5	610
4	Trifluoroethanol-induced Stabilization of the $\alpha$ -Helical Structure of $\beta$ -Lactoglobulin: Implication for Non-hierarchical Protein Folding. Journal of Molecular Biology, 1995, 245, 180-194.	4.2	451
5	Conformational states in $\beta$ -lactamase: molten-globule states at acidic and alkaline pH with high salt. Biochemistry, 1989, 28, 945-952.	2.5	447
6	Classification of Acid Denaturation of Proteins: Intermediates and Unfolded States. Biochemistry, 1994, 33, 12504-12511.	2.5	405
7	Clustering of Fluorine-Substituted Alcohols as a Factor Responsible for Their Marked Effects on Proteins and Peptides. Journal of the American Chemical Society, 1999, 121, 8427-8433.	13.7	367
8	Mapping the core of the $\beta$ -microglobulin amyloid fibril by H/D exchange. Nature Structural Biology, 2002, 9, 332-336.	9.7	310
9	Distinguishing crystal-like amyloid fibrils and glass-like amorphous aggregates from their kinetics of formation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14446-14451.	7.1	256
10	Group additive contributions to the alcohol-induced $\alpha$ -helix formation of melittin: implication for the mechanism of the alcohol effects on proteins 1 Edited by P. E. Wright. Journal of Molecular Biology, 1998, 275, 365-378.	4.2	242
11	3D structure of amyloid protofilaments of beta2-microglobulin fragment probed by solid-state NMR. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 18119-18124.	7.1	224
12	Direct Observation of $\beta$ Amyloid Fibril Growth and Inhibition. Journal of Molecular Biology, 2004, 344, 757-767.	4.2	221
13	Low Concentrations of Sodium Dodecyl Sulfate Induce the Extension of $\beta$ -Microglobulin-Related Amyloid Fibrils at a Neutral pH. Biochemistry, 2004, 43, 11075-11082.	2.5	185
14	Phase diagram for acidic conformational states of apomyoglobin. Journal of Molecular Biology, 1990, 214, 803-805.	4.2	162
15	Critical Balance of Electrostatic and Hydrophobic Interactions Is Required for $\beta$ -Microglobulin Amyloid Fibril Growth and Stability. Biochemistry, 2005, 44, 1288-1299.	2.5	162
16	Formation of Ni <sub>3</sub> C Nanocrystals by Thermolysis of Nickel Acetylacetonate in Oleylamine: Characterization Using Hard X-ray Photoelectron Spectroscopy. Chemistry of Materials, 2008, 20, 4156-4160.	6.7	162
17	Ultrasonication-induced Amyloid Fibril Formation of $\beta$ -Microglobulin. Journal of Biological Chemistry, 2005, 280, 32843-32848.	3.4	153
18	Glycosaminoglycans Enhance the Trifluoroethanol-Induced Extension of $\beta$ -Microglobulin-Related Amyloid Fibrils at a Neutral pH. Journal of the American Society of Nephrology: JASN, 2004, 15, 126-133.	6.1	143

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19	Guanidine Hydrochloride-induced Folding of Proteins. Journal of Molecular Biology, 1993, 231, 180-184.	4.2	140
20	Direct Measurement of the Thermodynamic Parameters of Amyloid Formation by Isothermal Titration Calorimetry. Journal of Biological Chemistry, 2004, 279, 55308-55314.	3.4	131
21	Direct Observation of Amyloid Fibril Growth, Propagation, and Adaptation. Accounts of Chemical Research, 2006, 39, 663-670.	15.6	128
22	Thermodynamic Stability of the Molten Globule States of Apomyoglobin. Journal of Molecular Biology, 1995, 250, 223-238.	4.2	122
23	Ultrasonication-dependent production and breakdown lead to minimum-sized amyloid fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11119-11124.	7.1	117
24	Investigation of a Peptide Responsible for Amyloid Fibril Formation of $\beta$ 2-Microglobulin by Achromobacter Protease I. Journal of Biological Chemistry, 2002, 277, 1310-1315.	3.4	116
25	Amyloid Fibril Formation in the Context of Full-length Protein. Journal of Biological Chemistry, 2003, 278, 47016-47024.	3.4	112
26	Dissolution of $\beta$ 2-Microglobulin Amyloid Fibrils by Dimethylsulfoxide. Journal of Biochemistry, 2003, 134, 159-164.	1.7	105
27	Parkinson's disease is a type of amyloidosis featuring accumulation of amyloid fibrils of $\beta$ -synuclein. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17963-17969.	7.1	103
28	BeStSel: webserver for secondary structure and fold prediction for protein CD spectroscopy. Nucleic Acids Research, 2022, 50, W90-W98.	14.5	103
29	Mechanism by Which the Amyloid-like Fibrils of a $\beta$ 2-Microglobulin Fragment Are Induced by Fluorine-substituted Alcohols. Journal of Molecular Biology, 2006, 363, 279-288.	4.2	100
30	Heat-induced Conversion of $\beta$ 2-Microglobulin and Hen Egg-white Lysozyme into Amyloid Fibrils. Journal of Molecular Biology, 2007, 372, 981-991.	4.2	93
31	The role of disulfide bond in the amyloidogenic state of $\beta$ 2-microglobulin studied by heteronuclear NMR. Protein Science, 2009, 11, 2218-2229.	7.6	91
32	Principal component analysis of the pH-dependent conformational transitions of bovine $\beta$ 2-lactoglobulin monitored by heteronuclear NMR. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15346-15351.	7.1	87
33	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. Journal of Biochemistry, 2002, 131, 45-52.	1.7	86
34	Heat of supersaturation-limited amyloid burst directly monitored by isothermal titration calorimetry. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6654-6659.	7.1	82
35	Structure, Folding Dynamics, and Amyloidogenesis of D76N $\beta$ 2-Microglobulin. Journal of Biological Chemistry, 2013, 288, 30917-30930.	3.4	80
36	Small Liposomes Accelerate the Fibrillation of Amyloid $\beta$ ( $1\mu$ M). Journal of Biological Chemistry, 2015, 290, 815-826.	3.4	78

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37	Mechanism of the conformational transition of melittin. <i>Biochemistry</i> , 1992, 31, 732-738.	2.5	76
38	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.	3.3	75
39	Cold Denaturation of $\alpha$ -Synuclein Amyloid Fibrils. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7799-7804.	13.8	72
40	Anion and pH-dependent conformational transition of an amphiphilic polypeptide. <i>Journal of Molecular Biology</i> , 1991, 218, 387-396.	4.2	70
41	Ultrasonication-Dependent Acceleration of Amyloid Fibril Formation. <i>Journal of Molecular Biology</i> , 2011, 412, 568-577.	4.2	66
42	Critical role of interfaces and agitation on the nucleation of $A\beta$ amyloid fibrils at low concentrations of $A\beta$ monomers. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 986-995.	2.3	64
43	Conformational stability of amyloid fibrils of $I\alpha$ -microglobulin probed by guanidine-hydrochloride-induced unfolding. <i>FEBS Letters</i> , 2004, 576, 313-319.	2.8	62
44	Seeding-dependent Maturation of $I\alpha$ -Microglobulin Amyloid Fibrils at Neutral pH. <i>Journal of Biological Chemistry</i> , 2005, 280, 12012-12018.	3.4	62
45	Amyloid Nucleation Triggered by Agitation of $I\alpha$ -Microglobulin under Acidic and Neutral pH Conditions. <i>Biochemistry</i> , 2008, 47, 2650-2660.	2.5	61
46	Measurement of amyloid formation by turbidity assay "seeing through the cloud. <i>Biophysical Reviews</i> , 2016, 8, 445-471.	3.2	60
47	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, 1670-1677.	2.5	59
48	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.	3.4	58
49	Revisiting supersaturation as a factor determining amyloid fibrillation. <i>Current Opinion in Structural Biology</i> , 2016, 36, 32-39.	5.7	57
50	Main-chain Dominated Amyloid Structures Demonstrated by the Effect of High Pressure. <i>Journal of Molecular Biology</i> , 2005, 352, 941-951.	4.2	55
51	A Comprehensive Model for Packing and Hydration for Amyloid Fibrils of $I\alpha$ -Microglobulin. <i>Journal of Biological Chemistry</i> , 2009, 284, 2169-2175.	3.4	52
52	Reversible Heat-Induced Dissociation of $I\alpha$ -Microglobulin Amyloid Fibrils. <i>Biochemistry</i> , 2011, 50, 3211-3220.	2.5	52
53	Kinetically Controlled Thermal Response of $I\alpha$ -Microglobulin Amyloid Fibrils. <i>Journal of Molecular Biology</i> , 2005, 352, 700-711.	4.2	49
54	Protein aggregate turbidity: Simulation of turbidity profiles for mixed-aggregation reactions. <i>Analytical Biochemistry</i> , 2016, 498, 78-94.	2.4	48

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55	Dimethylsulfoxide-quenched hydrogen/deuterium exchange method to study amyloid fibril structure. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1886-1899.	2.6	46
56	Charge repulsion in the conformational stability of melittin. <i>Biochemistry</i> , 1992, 31, 11908-11914.	2.5	45
57	Supersaturation-limited Amyloid Fibrillation of Insulin Revealed by Ultrasonication. <i>Journal of Biological Chemistry</i> , 2014, 289, 18228-18238.	3.4	45
58	Model membrane size-dependent amyloidogenesis of Alzheimer's amyloid- $\beta$ peptides. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16257-16266.	2.8	42
59	Lysophospholipids induce the nucleation and extension of $\beta$ 2-microglobulin-related amyloid fibrils at a neutral pH. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 3247-3255.	0.7	41
60	Polymorphism of $\beta$ 2-Microglobulin Amyloid Fibrils Manifested by Ultrasonication-enhanced Fibril Formation in Trifluoroethanol. <i>Journal of Biological Chemistry</i> , 2012, 287, 22827-22837.	3.4	40
61	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.	3.4	39
62	Nucleus factory on cavitation bubble for amyloid $\beta$ fibril. <i>Scientific Reports</i> , 2016, 6, 22015.	3.3	39
63	Breakdown of supersaturation barrier links protein folding to amyloid formation. <i>Communications Biology</i> , 2021, 4, 120.	4.4	39
64	A multi- $\pi$ -pathway perspective on protein aggregation: Implications for control of the rate and extent of amyloid formation. <i>FEBS Letters</i> , 2015, 589, 672-679.	2.8	38
65	Solubility and Supersaturation-Dependent Protein Misfolding Revealed by Ultrasonication. <i>Langmuir</i> , 2014, 30, 1845-1854.	3.5	37
66	Salt-induced formations of partially folded intermediates and amyloid fibrils suggests a common underlying mechanism. <i>Biophysical Reviews</i> , 2018, 10, 493-502.	3.2	37
67	Acceleration of the depolymerization of amyloid $\beta$ fibrils by ultrasonication. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2480-2485.	2.3	36
68	Molecular interactions in the formation and deposition of $\beta$ 2-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.	3.0	35
69	Growth of $\beta$ 2-microglobulin-related amyloid fibrils by non-esterified fatty acids at a neutral pH. <i>Biochemical Journal</i> , 2008, 416, 307-315.	3.7	35
70	The Monomer-Seed Interaction Mechanism in the Formation of the $\beta$ 2-Microglobulin Amyloid Fibril Clarified by Solution NMR Techniques. <i>Journal of Molecular Biology</i> , 2012, 422, 390-402.	4.2	35
71	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, 2640-2646.	2.3	35
72	Possible mechanisms of polyphosphate-induced amyloid fibril formation of $\beta$ 2-microglobulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12833-12838.	7.1	35

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73	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.	3.4	33
74	Membrane-induced initial structure of $\beta$ -synuclein control its amyloidogenesis on model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 757-766.	2.6	33
75	Current Understanding of the Structure, Stability and Dynamic Properties of Amyloid Fibrils. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4349.	4.1	33
76	Aggregation-phase diagrams of $\beta$ 2-microglobulin reveal temperature and salt effects on competitive formation of amyloids versus amorphous aggregates. <i>Journal of Biological Chemistry</i> , 2018, 293, 14775-14785.	3.4	32
77	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.	2.3	30
78	Mechanism of Lysophosphatidic Acid-Induced Amyloid Fibril Formation of $\beta$ 2-Microglobulin <i>in Vitro</i> under Physiological Conditions. <i>Biochemistry</i> , 2009, 48, 5689-5699.	2.5	29
79	Ultrafast propagation of $\beta$ 2-amyloid fibrils in oligomeric cloud. <i>Scientific Reports</i> , 2014, 4, 6960.	3.3	29
80	Ultrasonication-based rapid amplification of $\beta$ -synuclein aggregates in cerebrospinal fluid. <i>Scientific Reports</i> , 2019, 9, 6001.	3.3	28
81	Ultrasonication: An Efficient Agitation for Accelerating the Supersaturation-Limited Amyloid Fibrillation of Proteins. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 07HA01.	1.5	27
82	Heat-Triggered Conversion of Protofibrils into Mature Amyloid Fibrils of $\beta$ 2-Microglobulin. <i>Biochemistry</i> , 2007, 46, 3286-3293.	2.5	26
83	Amorphous Aggregation of Cytochrome <i>c</i> with Inherently Low Amyloidogenicity Is Characterized by the Metastability of Supersaturation and the Phase Diagram. <i>Langmuir</i> , 2016, 32, 2010-2022.	3.5	22
84	Heparin-induced amyloid fibrillation of $\beta$ 2-microglobulin explained by solubility and a supersaturation-dependent conformational phase diagram. <i>Protein Science</i> , 2017, 26, 1024-1036.	7.6	22
85	Exothermic Effects Observed upon Heating of $\beta$ 2-Microglobulin Monomers in the Presence of Amyloid Seeds. <i>Biochemistry</i> , 2006, 45, 8760-8769.	2.5	21
86	Nanocrystals of zirconia- and ceria-based solid electrolytes: Syntheses and properties. <i>Science and Technology of Advanced Materials</i> , 2007, 8, 524-530.	6.1	21
87	Seed-Dependent Deposition Behavior of $\text{Al}^{3+}$ Peptides Studied with Wireless Quartz-Crystal-Microbalance Biosensor. <i>Analytical Chemistry</i> , 2011, 83, 4982-4988.	6.5	21
88	The Molten Globule of $\beta$ 2-Microglobulin Accumulated at pH 4 and Its Role in Protein Folding. <i>Journal of Molecular Biology</i> , 2013, 425, 273-291.	4.2	21
89	The Antibody Light-Chain Linker Is Important for Domain Stability and Amyloid Formation. <i>Journal of Molecular Biology</i> , 2015, 427, 3572-3586.	4.2	21
90	Ultrasonication-dependent formation and degradation of $\beta$ -synuclein amyloid fibrils. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 209-217.	2.3	21

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91	The amyloid fibrils of the constant domain of immunoglobulin light chain. FEBS Letters, 2010, 584, 3348-3353.	2.8	20
92	A Stable Mutant Predisposes Antibody Domains to Amyloid Formation through Specific Non-Native Interactions. Journal of Molecular Biology, 2016, 428, 1315-1332.	4.2	20
93	Drastic acceleration of fibrillation of insulin by transient cavitation bubble. Ultrasonics Sonochemistry, 2017, 36, 206-211.	8.2	20
94	Heating during agitation of $\beta$ 2-microglobulin reveals that supersaturation breakdown is required for amyloid fibril formation at neutral pH. Journal of Biological Chemistry, 2019, 294, 15826-15835.	3.4	20
95	Direct observation of minimum-sized amyloid fibrils using solution NMR spectroscopy. Protein Science, 2010, 19, 2347-2355.	7.6	19
96	Kinetic Intermediates of $\beta$ 2-Microglobulin Fibril Elongation Probed by Pulse-Labeling H/D Exchange Combined with NMR Analysis. Journal of Molecular Biology, 2011, 405, 851-862.	4.2	19
97	Amyloid Formation of $\beta$ -Synuclein Based on the Solubility- and Supersaturation-Dependent Mechanism. Langmuir, 2020, 36, 4671-4681.	3.5	18
98	Isoelectric point-amyloid formation of $\beta$ -synuclein extends the generality of the solubility and supersaturation-limited mechanism. Current Research in Structural Biology, 2020, 2, 35-44.	2.2	17
99	A Residue-specific Shift in Stability and Amyloidogenicity of Antibody Variable Domains. Journal of Biological Chemistry, 2014, 289, 26829-26846.	3.4	15
100	Elongation of amyloid fibrils through lateral binding of monomers revealed by total internal reflection fluorescence microscopy. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1881-1888.	2.3	14
101	Supersaturation-Limited and Unlimited Phase Spaces Compete to Produce Maximal Amyloid Fibrillation near the Critical Micelle Concentration of Sodium Dodecyl Sulfate. Langmuir, 2015, 31, 9973-9982.	3.5	14
102	Polyphenol-solubility alters amyloid fibril formation of $\beta$ -synuclein. Protein Science, 2021, 30, 1701-1713.	7.6	14
103	Two-step screening method to identify $\beta$ -synuclein aggregation inhibitors for Parkinson's disease. Scientific Reports, 2022, 12, 351.	3.3	14
104	Thermal Response with Exothermic Effects of $\beta$ 2-Microglobulin Amyloid Fibrils and Fibrillation. Journal of Molecular Biology, 2009, 389, 584-594.	4.2	13
105	Isolation of short peptide fragments from $\beta$ -synuclein fibril core identifies a residue important for fibril nucleation: A possible implication for diagnostic applications. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 2077-2087.	2.3	13
106	Heat-Induced Aggregation of Hen Ovalbumin Suggests a Key Factor Responsible for Serpin Polymerization. Biochemistry, 2018, 57, 5415-5426.	2.5	13
107	Dialysis-related amyloidosis associated with a novel $\beta$ 2-microglobulin variant. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2021, 28, 42-49.	3.0	13
108	Disaggregation Behavior of Amyloid $\beta$ Fibrils by Anthocyanins Studied by Total-Internal-Reflection-Fluorescence Microscopy Coupled with a Wireless Quartz-Crystal Microbalance Biosensor. Analytical Chemistry, 2021, 93, 11176-11183.	6.5	13



109	Synthesis of CeO <sub>2</sub> , ZrO <sub>2</sub> Nanocrystals, and Core-Shell-Type Nanocomposites. Journal of the Electrochemical Society, 2006, 153, A2269.	2.9	12
110	Optimized sonoreactor for accelerative amyloid-fibril assays through enhancement of primary nucleation and fragmentation. Ultrasonics Sonochemistry, 2021, 73, 105508.	8.2	12
111	A Two-Step Refolding of Acid-Denatured Microbial Transglutaminase Escaping from the Aggregation-Prone Intermediate. Biochemistry, 2011, 50, 10390-10398.	2.5	11
112	Recognizing and analyzing variability in amyloid formation kinetics: Simulation and statistical methods. Analytical Biochemistry, 2016, 510, 56-71.	2.4	11
113	Time-Resolved Observation of Evolution of Amyloid- $\beta$ Oligomer with Temporary Salt Crystals. Journal of Physical Chemistry Letters, 2020, 11, 6176-6184.	4.6	11
114	Inorganic polyphosphate potentiates lipopolysaccharide-induced macrophage inflammatory response. Journal of Biological Chemistry, 2020, 295, 4014-4023.	3.4	11
115	Acceleration of Deposition of Amyloid- $\beta$ Peptide on Ultrasonically Formed Nanoparticles. Journal of Biological Chemistry, 2019, 294, 15318-15329.	10.1	10
116	Mechanisms of Ultrasonically Induced Fibrillation of Amyloid $\beta$ -40 Peptides. Japanese Journal of Applied Physics, 2013, 52, 07HE10.	1.5	10
117	Half-Time Heat Map Reveals Ultrasonic Effects on Morphology and Kinetics of Amyloidogenic Aggregation Reaction. ACS Chemical Neuroscience, 2021, 12, 3456-3466.	3.5	10
118	Thioflavin T-Silent Denaturation Intermediates Support the Main-Chain-Dominated Architecture of Amyloid Fibrils. Biochemistry, 2016, 55, 3937-3948.	2.5	8
119	Polyphosphates diminish solubility of a globular protein and thereby promote amyloid aggregation. Journal of Biological Chemistry, 2019, 294, 15318-15329.	3.4	8
120	Polyphosphates induce amyloid fibril formation of $\beta$ -synuclein in concentration-dependent distinct manners. Journal of Biological Chemistry, 2021, 296, 100510.	3.4	8
121	Strong acids induce amyloid fibril formation of $\beta$ -2-microglobulin via an anion-binding mechanism. Journal of Biological Chemistry, 2021, 297, 101286.	3.4	6
122	A Back Hydrogen Exchange Procedure via the Acid-Unfolded State for a Large Protein. Biochemistry, 2012, 51, 5564-5570.	2.5	5
123	Optimized Ultrasonic Irradiation Finds Out Ultrastable $\beta$ -40 Oligomers. Journal of Physical Chemistry B, 2017, 121, 2603-2613.	2.6	5
124	Multistep Changes in Amyloid Structure Induced by Cross-Seeding on a Rugged Energy Landscape. Biophysical Journal, 2021, 120, 284-295.	0.5	5
125	Development of HANABI, an ultrasonication-forced amyloid fibril inducer. Neurochemistry International, 2022, 153, 105270.	3.8	4
126	Amyloid Formation under Complicated Conditions in Which $\beta$ -2-Microglobulin Coexists with Its Proteolytic Fragments. Biochemistry, 2019, 58, 4925-4934.	2.5	3



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127	Pathogenic D76N Variant of $\beta$ 2-Microglobulin: Synergy of Diverse Effects in Both the Native and Amyloid States. <i>Biology</i> , 2021, 10, 1197.	2.8	3
128	Nucleation–fibrillation dynamics of $A\beta_{1-40}$ 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.	1.5	2
129	Pathway Dependence of the Formation and Development of Prefibrillar Aggregates in Insulin B Chain. <i>Molecules</i> , 2022, 27, 3964.	3.8	2
130	Acceleration of amyloid fibril formation by multichannel sonochemical reactor. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SG1002.	1.5	1
131	Linking Protein Folding to Amyloid Formation. <i>Seibutsu Butsuri</i> , 2021, 61, 358-365.	0.1	0