Sara Snogerup Linse

List of Publications by Year
in descending order

276 papers	26,240 citations	8180 76 h-index	7517 151 g-index
298 all docs	298 docs citations	298 times ranked	23053 citing authors

#	Article	IF	Citations
1	High-Efficiency Expression and Purification of DNAJB6b Based on the pH-Modulation of Solubility and Denaturant-Modulation of Size. Molecules, 2022, 27, 418.	3.8	3
2	A Palette of Fluorescent AÎ²42 Peptides Labelled at a Range of Surface-Exposed Sites. International Journal of Molecular Sciences, 2022, 23, 1655.	4.1	7
3	Comparing Î±-Synuclein Fibrils Formed in the Absence and Presence of a Model Lipid Membrane: A Small and Wide-Angle X-Ray Scattering Study. , 2022, 1, .		5
4	Amyloid-Î² peptide 37, 38 and 40 individually and cooperatively inhibit amyloid-Î² 42 aggregation. Chemical Science, 2022, 13, 2423-2439.	7.4	20
5	¹ H detection and dynamic nuclear polarizationâ€"enhanced NMR of AÎ² ₁₋₄₂ fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	24
6	An aggregation inhibitor specific to oligomeric intermediates of AÎ²42 derived from phage display libraries of stable, small proteins. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121966119.	7.1	5
7	Expression, purification and characterisation of large quantities of recombinant human IAPP for mechanistic studies. Biophysical Chemistry, 2021, 269, 106511.	2.8	10
8	Calmodulin complexes with brain and muscle creatine kinase peptides. Current Research in Structural Biology, 2021, 3, 121-132.	2.2	5
9	Transient Lipid-Protein Structures and Selective Ganglioside Uptake During Î±-Synuclein-Lipid Co-aggregation. Frontiers in Cell and Developmental Biology, 2021, 9, 622764.	3.7	10
10	Guest-protein incorporation into solvent channels of a protein host crystal (hostal). Acta Crystallographica Section D: Structural Biology, 2021, 77, 471-485.	2.3	1
11	Charge Regulation during Amyloid Formation of Î±-Synuclein. Journal of the American Chemical Society, 2021, 143, 7777-7791.	13.7	33
12	pHâ€Responsive Capsules with a Fibril Scaffold Shell Assembled from an Amyloidogenic Peptide. Small, 2021, 17, e2007188.	10.0	13
13	Cooperativity of Î±-Synuclein Binding to Lipid Membranes. ACS Chemical Neuroscience, 2021, 12, 2099-2109.	3.5	20
14	Mechanism of Secondary Nucleation at the Single Fibril Level from Direct Observations of AÎ²42 Aggregation. Journal of the American Chemical Society, 2021, 143, 16621-16629.	13.7	38
15	Solubility of AÎ²40 peptide. Jcis Open, 2021, 4, 100024.	3.2	5
16	Chiral Selectivity of Secondary Nucleation in Amyloid Fibril Propagation. Angewandte Chemie - International Edition, 2021, 60, 24008-24011.	13.8	10
17	TowardÂ the equilibrium and kinetics of amyloid peptide self-assembly. Current Opinion in Structural Biology, 2021, 70, 87-98.	5.7	10
18	Purification and HDL-like particle formation of apolipoprotein A-I after co-expression with the EDDIE mutant of Npro autoprotease. Protein Expression and Purification, 2021, 187, 105946.	1.3	2

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19	The unhappy chaperone. QRB Discovery, 2021, 2, .	1.6	10
20	A dopamine metabolite stabilizes neurotoxic amyloid-Î² oligomers. Communications Biology, 2021, 4, 19.	4.4	25
21	On the Cluster Formation of Î±-Synuclein Fibrils. Frontiers in Molecular Biosciences, 2021, 8, 768004.	3.5	2
22	The Bacterial Amyloids Phenol Soluble Modulins from Staphylococcus aureus Catalyze Alpha-Synuclein Aggregation. International Journal of Molecular Sciences, 2021, 22, 11594.	4.1	3
23	Surface-Catalyzed Secondary Nucleation Dominates the Generation of Toxic IAPP Aggregates. Frontiers in Molecular Biosciences, 2021, 8, 757425.	3.5	24
24	Proliferation of Tau 304â€“380 Fragment Aggregates through Autocatalytic Secondary Nucleation. ACS Chemical Neuroscience, 2021, 12, 4406-4415.	3.5	19
25	Amyloid Î² 42 fibril structure based on small-angle scattering. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
26	Kinetic fingerprints differentiate the mechanisms of action of anti-AÎ² antibodies. Nature Structural and Molecular Biology, 2020, 27, 1125-1133.	8.2	123
27	Benefits and constrains of covalency: the role of loop length in protein stability and ligand binding. Scientific Reports, 2020, 10, 20108.	3.3	3
28	On the Mechanism of Self-Assembly by a Hydrogel-Forming Peptide. Biomacromolecules, 2020, 21, 4781-4794.	5.4	26
29	Direct measurement of lipid membrane disruption connects kinetics and toxicity of AÎ²42 aggregation. Nature Structural and Molecular Biology, 2020, 27, 886-891.	8.2	38
30	A microfluidic strategy for the detection of membrane protein interactions. Lab on A Chip, 2020, 20, 3230-3238.	6.0	13
31	Thermodynamic and kinetic design principles for amyloid-aggregation inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24251-24257.	7.1	49
32	Anomalous Salt Dependence Reveals an Interplay of Attractive and Repulsive Electrostatic Interactions in Î±-synuclein Fibril Formation. QRB Discovery, 2020, 1, .	1.6	18
33	Kinetic diversity of amyloid oligomers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12087-12094.	7.1	103
34	Identification of on- and off-pathway oligomers in amyloid fibril formation. Chemical Science, 2020, 11, 6236-6247.	7.4	64
35	The Properties of Î±-Synuclein Secondary Nuclei Are Dominated by the Solution Conditions Rather than the Seed Fibril Strain. ACS Chemical Neuroscience, 2020, 11, 909-918.	3.5	29
36	The catalytic nature of protein aggregation. Journal of Chemical Physics, 2020, 152, 045101.	3.0	24

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37	Dynamics of oligomer populations formed during the aggregation of Alzheimerâ€™s Aî²42 peptide. Nature Chemistry, 2020, 12, 445-451.	13.6	223
38	Single Step Purification of Glycogen Synthase Kinase Isoforms from Small Scale Transient Expression in HEK293 Cells with a Calcium-Dependent Fragment Complementation System. Methods in Molecular Biology, 2020, 2095, 385-396.	0.9	3
39	Expression and Purification of Intrinsically Disordered Aî² Peptide and Setup of Reproducible Aggregation Kinetics Experiment. Methods in Molecular Biology, 2020, 2141, 731-754.	0.9	8
40	Screening of small molecules using the inhibition of oligomer formation in î±-synuclein aggregation as a selection parameter. Communications Chemistry, 2020, 3, .	4.5	27
41	Ultrastructural evidence for self-replication of Alzheimer-associated Aî²42 amyloid along the sides of fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11265-11273.	7.1	37
42	The role of fibril structure and surface hydrophobicity in secondary nucleation of amyloid fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25272-25283.	7.1	58
43	Autocatalytic amplification of Alzheimer-associated Aî²42 peptide aggregation in human cerebrospinal fluid. Communications Biology, 2019, 2, 365.	4.4	46
44	Revealing Well-Defined Soluble States during Amyloid Fibril Formation by Multilinear Analysis of NMR Diffusion Data. Journal of the American Chemical Society, 2019, 141, 18649-18652.	13.7	6
45	Fibril Charge Affects î±-Synuclein Hydrogel Rheological Properties. Langmuir, 2019, 35, 16536-16544.	3.5	18
46	The Molecular Basis of Human IgG-Mediated Enhancement of C4b-Binding Protein Recruitment to Group A Streptococcus. Frontiers in Immunology, 2019, 10, 1230.	4.8	11
47	Secondary nucleation and elongation occur at different sites on Alzheimerâ€™s amyloid-î² aggregates. Science Advances, 2019, 5, eaau3112.	10.3	127
48	Galectin-3, a novel endogenous TREM2 ligand, detrimentally regulates inflammatory response in Alzheimerâ€™s disease. Acta Neuropathologica, 2019, 138, 251-273.	7.7	187
49	A method of predicting the in vitro fibril formation propensity of Aî²40 mutants based on their inclusion body levels in E. coli. Scientific Reports, 2019, 9, 3680.	3.3	6
50	Mechanism of amyloid protein aggregation and the role of inhibitors. Pure and Applied Chemistry, 2019, 91, 211-229.	1.9	68
51	Reprint of â€œGanglioside lipids accelerate î±-synuclein amyloid formationâ€. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 508-518.	2.3	6
52	Lipid-protein interactions in amyloid formation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 455-457.	2.3	16
53	Increased Secondary Nucleation Underlies Accelerated Aggregation of the Four-Residue N-Terminally Truncated Aî²42 Species Aî²5â€"42. ACS Chemical Neuroscience, 2019, 10, 2374-2384.	3.5	16
54	Lipid Dynamics and Phase Transition within î±-Synuclein Amyloid Fibrils. Journal of Physical Chemistry Letters, 2019, 10, 7872-7877.	4.6	43

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55	Trodusquemine enhances AÎ²42 aggregation but suppresses its toxicity by displacing oligomers from cell membranes. Nature Communications, 2019, 10, 225.	12.8	111
56	Aggregate Size Dependence of Amyloid Adsorption onto Charged Interfaces. Langmuir, 2018, 34, 1266-1273.	3.5	5
57	Distinct thermodynamic signatures of oligomer generation in the aggregation of the amyloid-Î² peptide. Nature Chemistry, 2018, 10, 523-531.	13.6	129
58	Conformational Ensembles of Calmodulin Revealed by Nonperturbing Site-Specific Vibrational Probe Groups. Journal of Physical Chemistry A, 2018, 122, 2947-2955.	2.5	16
59	On-chip label-free protein analysis with downstream electrodes for direct removal of electrolysis products. Lab on A Chip, 2018, 18, 162-170.	6.0	39
60	SAR by kinetics for drug discovery in protein misfolding diseases. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10245-10250.	7.1	54
61	Protein stabilization with retained function of monellin using a split GFP system. Scientific Reports, 2018, 8, 12763.	3.3	5
62	Cyanylated Cysteine Reports Site-Specific Changes at Proteinâ€“Protein-Binding Interfaces Without Perturbation. Biochemistry, 2018, 57, 3702-3712.	2.5	18
63	Simplifying G Protein-Coupled Receptor Isolation with a Calcium-Dependent Fragment Complementation Affinity System. Biochemistry, 2018, 57, 4383-4390.	2.5	8
64	Disaggregation of gold nanoparticles by Daphnia magna. Nanotoxicology, 2018, 12, 885-900.	3.0	12
65	Ganglioside lipids accelerate Î±-synuclein amyloid formation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 1062-1072.	2.3	57
66	Secondary nucleation in amyloid formation. Chemical Communications, 2018, 54, 8667-8684.	4.1	323
67	Conserved S/T Residues of the Human Chaperone DNAJB6 Are Required for Effective Inhibition of AÎ²42 Amyloid Fibril Formation. Biochemistry, 2018, 57, 4891-4902.	2.5	52
68	Proteinâ€“protein interactions in AQP regulation â€“ biophysical characterization of AQP0â€“CaM and AQP2â€“LIP5 complex formation. Faraday Discussions, 2018, 209, 35-54.	3.2	16
69	Production and Use of Recombinant AÎ² for Aggregation Studies. Methods in Molecular Biology, 2018, 1777, 307-320.	0.9	5
70	On the role of sidechain size and charge in the aggregation of A <i>Î²</i> 42 with familial mutations. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5849-E5858.	7.1	98
71	Kinetic Analysis of Amyloid Formation. Methods in Molecular Biology, 2018, 1779, 181-196.	0.9	16
72	Cholesterol catalyses AÎ²42 aggregation through a heterogeneous nucleation pathway in the presence of lipid membranes. Nature Chemistry, 2018, 10, 673-683.	13.6	186

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73	Acceleration of Î±-synuclein aggregation. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2017, 24, 20-21.	3.0	4
74	Secondary nucleation of monomers on fibril surface dominates<i>Î±</i>-synuclein aggregation and provides autocatalytic amyloid amplification. Quarterly Reviews of Biophysics, 2017, 50, e6.	5.7	183
75	3D MAS NMR Experiment Utilizing Through-Space ¹⁵Nâ€“¹⁵N Correlations. Journal of the American Chemical Society, 2017, 139, 6518-6521.	13.7	18
76	Modulation of electrostatic interactions to reveal a reaction network unifying the aggregation behaviour of the AÎ²42 peptide and its variants. Chemical Science, 2017, 8, 4352-4362.	7.4	60
77	Selective targeting of primary and secondary nucleation pathways in AÎ²42 aggregation using a rational antibody scanning method. Science Advances, 2017, 3, e1700488.	10.3	116
78	Cu/Zn Superoxide Dismutase Forms Amyloid Fibrils under Near-Physiological Quiescent Conditions: The Roles of Disulfide Bonds and Effects of Denaturant. ACS Chemical Neuroscience, 2017, 8, 2019-2026.	3.5	25
79	Phage display and kinetic selection of antibodies that specifically inhibit amyloid self-replication. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6444-6449.	7.1	60
80	Systematic development of small molecules to inhibit specific microscopic steps of AÎ²42 aggregation in Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E200-E208.	7.1	180
81	Proton-Assisted Recoupling (PAR) in Peptides and Proteins. Journal of Physical Chemistry B, 2017, 121, 10804-10817.	2.6	15
82	Monomer-dependent secondary nucleation in amyloid formation. Biophysical Reviews, 2017, 9, 329-338.	3.2	112
83	Scaling behaviour and rate-determining steps in filamentous self-assembly. Chemical Science, 2017, 8, 7087-7097.	7.4	65
84	Brain damage and behavioural disorders in fish induced by plastic nanoparticles delivered through the food chain. Scientific Reports, 2017, 7, 11452.	3.3	491
85	Aggregation and Fibril Structure of AÎ²_{M01â€“42} and AÎ²_{1â€“42}. Biochemistry, 2017, 56, 4850-4859.	2.5	19
86	Monomeric and fibrillar Î±-synuclein exert opposite effects on the catalytic cycle that promotes the proliferation of AÎ²42 aggregates. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8005-8010.	7.1	45
87	The nanoparticle protein corona formed in human blood or human blood fractions. PLoS ONE, 2017, 12, e0175871.	2.5	148
88	Calcium Binding and Disulfide Bonds Regulate the Stability of Secretagogin towards Thermal and Urea Denaturation. PLoS ONE, 2016, 11, e0165709.	2.5	11
89	Kinetic analysis reveals the diversity of microscopic mechanisms through which molecular chaperones suppress amyloid formation. Nature Communications, 2016, 7, 10948.	12.8	219
90	Translocation of 40â€‰nm diameter nanowires through the intestinal epithelium of <i>Daphnia magna</i>. Nanotoxicology, 2016, 10, 1160-1167.	3.0	34

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91	Mathematical Modeling of the Protein Corona: Implications for Nanoparticulate Delivery Systems. Frontiers in Nanobiomedical Research, 2016, , 53-65.	0.1	0
92	The S/T-Rich Motif in the DNAJB6 Chaperone Delays Polyglutamine Aggregation and the Onset of Disease in a Mouse Model. Molecular Cell, 2016, 62, 272-283.	9.7	140
93	Analysis of the length distribution of amyloid fibrils by centrifugal sedimentation. Analytical Biochemistry, 2016, 504, 7-13.	2.4	11
94	A Microfluidic Platform for Real-Time Detection and Quantification of Protein-Ligand Interactions. Biophysical Journal, 2016, 110, 1957-1966.	0.5	29
95	Quantitative analysis of intrinsic and extrinsic factors in the aggregation mechanism of Alzheimer-associated AÎ²-peptide. Scientific Reports, 2016, 6, 18728.	3.3	77
96	Physical determinants of the self-replication of protein fibrils. Nature Physics, 2016, 12, 874-880.	16.7	90
97	The Aggregation Paths and Products of AÎ²42 Dimers Are Distinct from Those of the AÎ²42 Monomer. Biochemistry, 2016, 55, 6150-6161.	2.5	22
98	Atomic Resolution Structure of Monomorphic AÎ²₄₂ Amyloid Fibrils. Journal of the American Chemical Society, 2016, 138, 9663-9674.	13.7	695
99	An anticancer drug suppresses the primary nucleation reaction that initiates the production of the toxic AÎ²42 aggregates linked with Alzheimerâ€™s disease. Science Advances, 2016, 2, e1501244.	10.3	180
100	Molecular mechanisms of protein aggregation from global fitting of kinetic models. Nature Protocols, 2016, 11, 252-272.	12.0	546
101	Microfluidic Diffusion Analysis of the Sizes and Interactions of Proteins under Native Solution Conditions. ACS Nano, 2016, 10, 333-341.	14.6	105
102	Direct High Affinity Interaction between AÎ²42 and GSK3Î± Stimulates Hyperphosphorylation of Tau. A New Molecular Link in Alzheimerâ€™s Disease?. ACS Chemical Neuroscience, 2016, 7, 161-170.	3.5	40
103	High Throughput Screening Method to Explore Protein Interactions with Nanoparticles. PLoS ONE, 2015, 10, e0136687.	2.5	10
104	High Resolution Structural Characterization of AÎ²₄₂ Amyloid Fibrils by Magic Angle Spinning NMR. Journal of the American Chemical Society, 2015, 137, 7509-7518.	13.7	103
105	Calmodulin mutations causing catecholaminergic polymorphic ventricular tachycardia confer opposing functional and biophysical molecular changes. FEBS Journal, 2015, 282, 803-816.	4.7	49
106	A molecular chaperone breaks the catalytic cycle that generates toxic AÎ² oligomers. Nature Structural and Molecular Biology, 2015, 22, 207-213.	8.2	373
107	A peptide from human semenogelin I self-assembles into a pH-responsive hydrogel. Soft Matter, 2015, 11, 414-421.	2.7	41
108	Haemophilus influenzae surface fibril (Hsf) is a unique twisted hairpin-like trimeric autotransporter. International Journal of Medical Microbiology, 2015, 305, 27-37.	3.6	12

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109	Site-Specific Protonation Kinetics of Acidic Side Chains in Proteins Determined by pH-Dependent Carboxyl ¹³C NMR Relaxation. Journal of the American Chemical Society, 2015, 137, 3093-3101.	13.7	31
110	Acceleration of Î±-Synuclein Aggregation by Exosomes. Journal of Biological Chemistry, 2015, 290, 2969-2982.	3.4	305
111	Protein Microgels from Amyloid Fibril Networks. ACS Nano, 2015, 9, 43-51.	14.6	121
112	On the lag phase in amyloid fibril formation. Physical Chemistry Chemical Physics, 2015, 17, 7606-7618.	2.8	590
113	Digested wheat gluten inhibits binding between leptin and its receptor. BMC Biochemistry, 2015, 16, 3.	4.4	8
114	Fluorescent Filter-Trap Assay for Amyloid Fibril Formation Kinetics in Complex Solutions. ACS Chemical Neuroscience, 2015, 6, 1436-1444.	3.5	24
115	N-Terminal Extensions Retard AÎ²42 Fibril Formation but Allow Cross-Seeding and Coaggregation with AÎ²42. Journal of the American Chemical Society, 2015, 137, 14673-14685.	13.7	58
116	The AÎ²40 and AÎ²42 peptides self-assemble into separate homomolecular fibrils in binary mixtures but cross-react during primary nucleation. Chemical Science, 2015, 6, 4215-4233.	7.4	121
117	A microfluidic platform for quantitative measurements of effective protein charges and single ion binding in solution. Physical Chemistry Chemical Physics, 2015, 17, 12161-12167.	2.8	18
118	Latent analysis of unmodified biomolecules and their complexes in solution with attomole detection sensitivity. Nature Chemistry, 2015, 7, 802-809.	13.6	56
119	Altered Behavior, Physiology, and Metabolism in Fish Exposed to Polystyrene Nanoparticles. Environmental Science & Technology, 2015, 49, 553-561.	10.0	421
120	The chaperone domain BRICHOS prevents amyloid Î²-peptide CNS toxicity in Drosophila melanogaster. DMM Disease Models and Mechanisms, 2014, 7, 659-65.	2.4	44
121	Quantification of the Concentration of AÎ²42 Propagons during the Lag Phase by an Amyloid Chain Reaction Assay. Journal of the American Chemical Society, 2014, 136, 219-225.	13.7	120
122	Interaction of the Molecular Chaperone DNAJB6 with Growing Amyloid-beta 42 (AÎ²42) Aggregates Leads to Sub-stoichiometric Inhibition of Amyloid Formation. Journal of Biological Chemistry, 2014, 289, 31066-31076.	3.4	158
123	Charge Dependent Retardation of Amyloid Î² Aggregation by Hydrophilic Proteins. ACS Chemical Neuroscience, 2014, 5, 266-274.	3.5	62
124	Differences in nucleation behavior underlie the contrasting aggregation kinetics of the AÎ²40 and AÎ²42 peptides. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9384-9389.	7.1	405
125	Surface Effects on Aggregation Kinetics of Amyloidogenic Peptides. Journal of the American Chemical Society, 2014, 136, 11776-11782.	13.7	158
126	AÎ² dimers differ from monomers in structural propensity, aggregation paths and population of synaptotoxic assemblies. Biochemical Journal, 2014, 461, 413-426.	3.7	71

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127	Effects of Polyamino Acids and Polyelectrolytes on Amyloid Î² Fibril Formation. Langmuir, 2014, 30, 8812-8818.	3.5	35
128	Size-Dependent Effects of Nanoparticles on Enzymes in the Blood Coagulation Cascade. Nano Letters, 2014, 14, 4736-4744.	9.1	76
129	Solution conditions determine the relative importance of nucleation and growth processes in Î±-synuclein aggregation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7671-7676.	7.1	546
130	Mathematical modeling of the protein corona: implications for nanoparticulate delivery systems. Nanomedicine, 2014, 9, 851-858.	3.3	21
131	Proliferation of amyloid-Î²42 aggregates occurs through a secondary nucleation mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9758-9763.	7.1	1,162
132	The BRICHOS Domain, Amyloid Fibril Formation, and Their Relationship. Biochemistry, 2013, 52, 7523-7531.	2.5	70
133	FÃ¶rster resonance energy transfer studies of calmodulin produced by native protein ligation reveal interâ€domain electrostatic repulsion. FEBS Journal, 2013, 280, 2675-2687.	4.7	15
134	Calmodulin Transduces Ca²⁺ Oscillations into Differential Regulation of Its Target Proteins. ACS Chemical Neuroscience, 2013, 4, 601-612.	3.5	18
135	Adsorption of Î±-Synuclein to Supported Lipid Bilayers: Positioning and Role of Electrostatics. ACS Chemical Neuroscience, 2013, 4, 1339-1351.	3.5	82
136	Membrane Lipid Co-Aggregation with Î±-Synuclein Fibrils. PLoS ONE, 2013, 8, e77235.	2.5	113
137	Three-Dimensional Tracking of Small Aquatic Organisms Using Fluorescent Nanoparticles. PLoS ONE, 2013, 8, e78498.	2.5	40
138	Role of Aromatic Side Chains in Amyloid Î²-Protein Aggregation. ACS Chemical Neuroscience, 2012, 3, 1008-1016.	3.5	92
139	Delivery success rate of engineered nanoparticles in the presence of the protein corona: a systems-level screening. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 1271-1281.	3.3	38
140	Dynamics of Conformational Ca²⁺-Switches in Signaling Networks Detected by a Planar Plasmonic Device. Analytical Chemistry, 2012, 84, 2982-2989.	6.5	44
141	Calcium-Dependent Interaction of Calmodulin with Human 80S Ribosomes and Polyribosomes. Biochemistry, 2012, 51, 6718-6727.	2.5	8
142	BRICHOS Domains Efficiently Delay Fibrillation of Amyloid Î²-Peptide. Journal of Biological Chemistry, 2012, 287, 31608-31617.	3.4	127
143	Biocompatibility of mannan nanogelâ€"safe interaction with plasma proteins. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1043-1051.	2.4	27
144	Polystyrene nanoparticles affecting blood coagulation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 981-986.	3.3	73

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145	Specific Binding of a Î²-Cyclodextrin Dimer to the Amyloid Î² Peptide Modulates the Peptide Aggregation Process. Biochemistry, 2012, 51, 4280-4289.	2.5	49
146	High Affinity Antibodies to Plasmodium falciparum Merozoite Antigens Are Associated with Protection from Malaria. PLoS ONE, 2012, 7, e32242.	2.5	49
147	Food Chain Transport of Nanoparticles Affects Behaviour and Fat Metabolism in Fish. PLoS ONE, 2012, 7, e32254.	2.5	397
148	Interactions in the native state of monellin, which play a protective role against aggregation. Molecular BioSystems, 2011, 7, 521-532.	2.9	12
149	Identification of a high-affinity network of secretagogin-binding proteins involved in vesicle secretion. Molecular BioSystems, 2011, 7, 2196.	2.9	35
150	Monte Carlo simulations of protein amyloid formation reveal origin of sigmoidal aggregation kinetics. Molecular BioSystems, 2011, 7, 2296.	2.9	29
151	The Structural Role of N-Linked Glycans on Human Glypican-1. Biochemistry, 2011, 50, 9377-9387.	2.5	10
152	Probing Calmodulin Proteinâ€"Protein Interactions Using High-Content Protein Arrays. Methods in Molecular Biology, 2011, 785, 289-303.	0.9	10
153	Structural Changes in Apolipoproteins Bound to Nanoparticles. Langmuir, 2011, 27, 14360-14369.	3.5	95
154	Molecular Determinants of S100B Oligomer Formation. PLoS ONE, 2011, 6, e14768.	2.5	12
155	Rapid and Facile Purification of Apolipoprotein A-I from Human Plasma Using Thermoresponsive Nanoparticles. Journal of Biomaterials and Nanobiotechnology, 2011, 02, 258-266.	0.5	9
156	Membrane Interaction of Î±-Synuclein in Different Aggregation States. Journal of Parkinson's Disease, 2011, 1, 359-371.	2.8	123
157	Protein Networks Involved in Vesicle Fusion, Transport, and Storage Revealed by Array-Based Proteomics. Methods in Molecular Biology, 2011, 781, 47-58.	0.9	6
158	Amyloid Î²-Protein Aggregation Produces Highly Reproducible Kinetic Data and Occurs by a Two-Phase Process. ACS Chemical Neuroscience, 2010, 1, 13-18.	3.5	339
159	Calcium binding, structural stability and guanylate cyclase activation in GCAP1 variants associated with human cone dystrophy. Cellular and Molecular Life Sciences, 2010, 67, 973-984.	5.4	67
160	Modeling the Time Evolution of the Nanoparticle-Protein Corona in a Body Fluid. PLoS ONE, 2010, 5, e10949.	2.5	272
161	Integrated Protein Array Screening and High Throughput Validation of 70 Novel Neural Calmodulin-binding Proteins. Molecular and Cellular Proteomics, 2010, 9, 1118-1132.	3.8	41
162	In vivo protein stabilization based on fragment complementation and a split GFP system. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19826-19831.	7.1	24

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163	Retardation of AÎ² Fibril Formation by Phospholipid Vesicles Depends onÂMembrane Phase Behavior. Biophysical Journal, 2010, 98, 2206-2214.	0.5	65
164	pKa Values for the Unfolded State under Native Conditions Explain the pH-Dependent Stability of PGB1. Biophysical Journal, 2010, 99, 3365-3373.	0.5	13
165	Dual Effect of Amino Modified Polystyrene Nanoparticles on Amyloid Î² Protein Fibrillation. ACS Chemical Neuroscience, 2010, 1, 279-287.	3.5	252
166	NANOINTERACT: A rational approach to the interaction between nanoscale materials and living matter?. Journal of Physics: Conference Series, 2009, 170, 012040.	0.4	1
167	Protein GB1 Folding and Assembly from Structural Elements. International Journal of Molecular Sciences, 2009, 10, 1552-1566.	4.1	13
168	Green fluorescence induced by EFâ€hand assembly in a split GFP system. Protein Science, 2009, 18, 1221-1229.	7.6	14
169	A facile method for expression and purification of the Alzheimerâ€™s diseaseâ€associated amyloid Î²â€peptide. FEBS Journal, 2009, 276, 1266-1281.	4.7	237
170	Complete highâ€density lipoproteins in nanoparticle corona. FEBS Journal, 2009, 276, 3372-3381.	4.7	247
171	Role of protein surface charge in monellin sweetness. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 410-420.	2.3	34
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