Louise C Serpell

List of Publications by Citations

159 papers	15,787 citations	62 h-index	125 g-index
175 ext. papers	17,511 ext. citations	7.2 avg, IF	6.54 L-index

#	Paper	IF	Citations
159	Common core structure of amyloid fibrils by synchrotron X-ray diffraction. *Journal of Molecular Biology*, **1997**, 273, 729-39	6.5	1402
158	Nucleated conformational conversion and the replication of conformational information by a prion determinant. *Science*, **2000**, 289, 1317-21	33.3	851
157	Alzheimer's amyloid fibrils: structure and assembly. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2000**, 1502, 16-30	6.9	723
156	Fiber diffraction of synthetic alpha-synuclein filaments shows amyloid-like cross-beta conformation. *Proceedings of the National Academy of Sciences of the United States of America*, **2000** , 97, 4897-902	11.5	647
155	Distinct tau prion strains propagate in cells and mice and define different tauopathies. *Neuron*, **2014**, 82, 1271-88	13.9	639
154	Molecular basis for amyloid fibril formation and stability. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 315-20	11.5	547
153	Exploring the sequence determinants of amyloid structure using position-specific scoring matrices. *Nature Methods*, **2010**, 7, 237-42	21.6	469
152	Rational design and application of responsive alpha-helical peptide hydrogels. *Nature Materials*, **2009**, 8, 596-600	27	397
151	Synchrotron X-ray studies suggest that the core of the transthyretin amyloid fibril is a continuous beta-sheet helix. *Structure*, **1996**, 4, 989-98	5.2	367
150	Structures for amyloid fibrils. *FEBS Journal*, **2005**, 272, 5950-61	5.7	353
149	Amyloid fibrils: abnormal protein assembly. *Prion*, **2008**, 2, 112-7	2.3	295
148	The protofilament substructure of amyloid fibrils. *Journal of Molecular Biology*, **2000**, 300, 1033-9	6.5	294
147	The helix-hairpin-helix DNA-binding motif: a structural basis for non-sequence-specific recognition of DNA. *Nucleic Acids Research*, **1996**, 24, 2488-97	20.1	280
146	Protofilaments, filaments, ribbons, and fibrils from peptidomimetic self-assembly: implications for amyloid fibril formation and materials science. *Journal of the American Chemical Society*, **2000**, 122, 5262-77	16.4	267
145	Membrane and surface interactions of Alzheimer's A□peptide--insights into the mechanism of cytotoxicity. *FEBS Journal*, **2011**, 278, 3905-17	5.7	266
144	Proteasomal degradation of tau protein. *Journal of Neurochemistry*, **2002**, 83, 176-85	6	265
143	Tau filaments from human brain and from in vitro assembly of recombinant protein show cross-beta structure. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 9034-8	11.5	248

142	The common architecture of cross-beta amyloid. *Journal of Molecular Biology*, **2010**, 395, 717-27	6.5	219
141	Engineering nanoscale order into a designed protein fiber. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 10853-8	11.5	210
140	Mutation E46K increases phospholipid binding and assembly into filaments of human alpha-synuclein. *FEBS Letters*, **2004**, 576, 363-8	3.8	210
139	Identification of a novel human islet amyloid polypeptide beta-sheet domain and factors influencing fibrillogenesis. *Journal of Molecular Biology*, **2001**, 308, 515-25	6.5	210
138	Chemically programmed self-sorting of gelator networks. *Nature Communications*, **2013**, 4, 1480	17.4	199
137	Self-assembly mechanism for a naphthalene-dipeptide leading to hydrogelation. *Langmuir*, **2010**, 26, 5232-42	4	190
136	Self-assembly of phenylalanine oligopeptides: insights from experiments and simulations. *Biophysical Journal*, **2009**, 96, 5020-9	2.9	187
135	Hydrophobic, aromatic, and electrostatic interactions play a central role in amyloid fibril formation and stability. *Biochemistry*, **2011**, 50, 2061-71	3.2	176
134	Structural basis for increased toxicity of pathological aβ42:aβ40 ratios in Alzheimer disease. *Journal of Biological Chemistry*, **2012**, 287, 5650-60	5.4	169
133	Direct visualisation of the beta-sheet structure of synthetic Alzheimer's amyloid. *Journal of Molecular Biology*, **2000**, 299, 225-31	6.5	165
132	Structural insights into the polymorphism of amyloid-like fibrils formed by region 20-29 of amylin revealed by solid-state NMR and X-ray fiber diffraction. *Journal of the American Chemical Society*, **2008**, 130, 14990-5001	16.4	159
131	Molecular structure of a fibrillar Alzheimer's A beta fragment. *Biochemistry*, **2000**, 39, 13269-75	3.2	153
130	Effect of molecular structure on the properties of naphthalene-dipeptide hydrogelators. *Langmuir*, **2010**, 26, 13466-71	4	148
129	Iron promotes the toxicity of amyloid beta peptide by impeding its ordered aggregation. *Journal of Biological Chemistry*, **2011**, 286, 4248-56	5.4	148
128	Half a century of amyloids: past, present and future. *Chemical Society Reviews*, **2020**, 49, 5473-5509	58.5	142
127	Crystal structure of human 53BP1 BRCT domains bound to p53 tumour suppressor. *EMBO Journal*, **2002**, 21, 3863-72	13	142
126	Spider silk and amyloid fibrils: a structural comparison. *Macromolecular Bioscience*, **2007**, 7, 183-8	5.5	141
125	Examination of the structure of the transthyretin amyloid fibril by image reconstruction from electron micrographs. *Journal of Molecular Biology*, **1995**, 254, 113-8	6.5	135

124	A systematic investigation into the effect of protein destabilisation on beta 2-microglobulin amyloid formation. *Journal of Molecular Biology*, **2003**, 330, 943-54	6.5	128
123	A central role for dityrosine crosslinking of Amyloid-β in Alzheimer's disease. *Acta Neuropathologica Communications*, **2013**, 1, 83	7.3	123
122	Structural characterisation of islet amyloid polypeptide fibrils. *Journal of Molecular Biology*, **2004**, 335, 1279-88	6.5	122
121	The molecular basis of amyloidosis. *Cellular and Molecular Life Sciences*, **1997**, 53, 871-87	10.3	119
120	Salt-induced hydrogelation of functionalised-dipeptides at high pH. *Chemical Communications*, **2011** , 47, 12071-3	5.8	113
119	The delicate balance between gelation and crystallisation: structural and computational investigations. *Soft Matter*, **2010**, 6, 4144	3.6	108
118	Structure and texture of fibrous crystals formed by Alzheimer's abeta(11-25) peptide fragment. *Structure*, **2003**, 11, 915-26	5.2	108
117	Modular Design of Self-Assembling Peptide-Based Nanotubes. *Journal of the American Chemical Society*, **2015**, 137, 10554-62	16.4	105
116	On crystal versus fiber formation in dipeptide hydrogelator systems. *Langmuir*, **2012**, 28, 9797-806	4	101
115	Dementia of the eye: the role of amyloid beta in retinal degeneration. *Eye*, **2015**, 29, 1013-26	4.4	98
114	X-ray fiber diffraction of amyloid fibrils. *Methods in Enzymology*, **1999**, 309, 526-36	1.7	98
113	Rational design of helical nanotubes from self-assembly of coiled-coil lock washers. *Journal of the American Chemical Society*, **2013**, 135, 15565-78	16.4	90
112	A simple algorithm locates beta-strands in the amyloid fibril core of alpha-synuclein, Abeta, and tau using the amino acid sequence alone. *Protein Science*, **2007**, 16, 906-18	6.3	90
111	CLEARER: a new tool for the analysis of X-ray fibre diffraction patterns and diffraction simulation from atomic structural models. *Journal of Applied Crystallography*, **2007**, 40, 966-972	3.8	89
110	Kinetically Controlled Coassembly of Multichromophoric Peptide Hydrogelators and the Impacts on Energy Transport. *Journal of the American Chemical Society*, **2017**, 139, 8685-8692	16.4	81
109	Characterizing the assembly of the Sup35 yeast prion fragment, GNNQQNY: structural changes accompany a fiber-to-crystal switch. *Biophysical Journal*, **2010**, 98, 330-8	2.9	80
108	The effect of self-sorting and co-assembly on the mechanical properties of low molecular weight hydrogels. *Nanoscale*, **2014**, 6, 13719-25	7.7	76
107	Presenilin structure, function and role in Alzheimer disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2000**, 1502, 1-15	6.9	75

106	Proteolytic cleavage of Ser52Pro variant transthyretin triggers its amyloid fibrillogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 1539-44	11.5	72
105	The effect of Alzheimer's A□aggregation state on the permeation of biomimetic lipid vesicles. *Langmuir*, **2010**, 26, 17260-8	4	72
104	Hydrogels formed from Fmoc amino acids. *CrystEngComm*, **2015**, 17, 8047-8057	3.3	71
103	Nuclear Tau and Its Potential Role in Alzheimer's Disease. *Biomolecules*, **2016**, 6, 9	5.9	70
102	X-ray fibre diffraction studies of amyloid fibrils. *Methods in Molecular Biology*, **2012**, 849, 121-35	1.4	67
101	A□2 oligomers, but not fibrils, simultaneously bind to and cause damage to ganglioside-containing lipid membranes. *Biochemical Journal*, **2011**, 439, 67-77	3.8	67
100	Protein fiber linear dichroism for structure determination and kinetics in a low-volume, low-wavelength couette flow cell. *Biophysical Journal*, **2004**, 86, 404-10	2.9	66
99	Structure and morphology of the Alzheimer's amyloid fibril. *Microscopy Research and Technique*, **2005**, 67, 210-7	2.8	65
98	From natural to designer self-assembling biopolymers, the structural characterisation of fibrous proteins & peptides using fibre diffraction. *Chemical Society Reviews*, **2010**, 39, 3445-53	58.5	64
97	Low molecular weight gelator-dextran composites. *Chemical Communications*, **2010**, 46, 6738-40	5.8	61
96	Expression and characterization of full-length human huntingtin, an elongated HEAT repeat protein. *Journal of Biological Chemistry*, **2006**, 281, 15916-22	5.4	59
95	Sequence Determinants for Amyloid Fibrillogenesis of Human alpha-Synuclein. *Journal of Molecular Biology*, **2007**, 374, 454-64	6.5	59
94	The amyloid architecture provides a scaffold for enzyme-like catalysts. *Nanoscale*, **2017**, 9, 10773-10783	7.7	54
93	From genetics to pathology: tau and alpha-synuclein assemblies in neurodegenerative diseases. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2001**, 356, 213-27	5.8	51
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91	The involvement of dityrosine crosslinking in □synuclein assembly and deposition in Lewy Bodies in Parkinson's disease. *Scientific Reports*, **2016**, 6, 39171	4.9	49
90	WALTZ-DB: a benchmark database of amyloidogenic hexapeptides. *Bioinformatics*, **2015**, 31, 1698-700	7.2	48
89	Glucagon fibril polymorphism reflects differences in protofilament backbone structure. *Journal of Molecular Biology*, **2010**, 397, 932-46	6.5	47

88	Visualization of co-localization in Aβ42-administered neuroblastoma cells reveals lysosome damage and autophagosome accumulation related to cell death. *Biochemical Journal*, **2012**, 441, 579-90	3.8	46
87	The structure of cross-β tapes and tubes formed by an octapeptide, S1. *Angewandte Chemie - International Edition*, **2013**, 52, 2279-83	16.4	45
86	De novo design of a biologically active amyloid. *Science*, **2016**, 354,	33.3	44
85	Controlling the network type in self-assembled dipeptide hydrogels. *Soft Matter*, **2017**, 13, 1914-1919	3.6	43
84	The architecture of amyloid-like peptide fibrils revealed by X-ray scattering, diffraction and electron microscopy. *Acta Crystallographica Section D: Biological Crystallography*, **2015**, 71, 882-95		42
83	The involvement of tau in nucleolar transcription and the stress response. *Acta Neuropathologica Communications*, **2018**, 6, 70	7.3	40
82	Alzheimer's Disease-like Paired Helical Filament Assembly from Truncated Tau Protein Is Independent of Disulfide Crosslinking. *Journal of Molecular Biology*, **2017**, 429, 3650-3665	6.5	40
81	Diffraction to study protein and peptide assemblies. *Current Opinion in Chemical Biology*, **2006**, 10, 417-22	9.7	40
80	The relationship between amyloid structure and cytotoxicity. *Prion*, **2014**, 8,	2.3	39
79	Structural integrity of beta-sheet assembly. *Biochemical Society Transactions*, **2009**, 37, 671-6	5.1	39
78	Exploring the sequence-structure relationship for amyloid peptides. *Biochemical Journal*, **2013**, 450, 275-83	5.8	38
77	X-ray diffraction studies of amyloid structure. *Methods in Molecular Biology*, **2005**, 299, 67-80	1.4	38
76	Characterization of Amyloid Cores in Prion Domains. *Scientific Reports*, **2016**, 6, 34274	4.9	37
75	A critical role for the self-assembly of Amyloid-β1-42 in neurodegeneration. *Scientific Reports*, **2016**, 6, 30182	4.9	36
74	Structural analysis of proteinaceous components in Byssal threads of the mussel Mytilus galloprovincialis. *Macromolecular Bioscience*, **2009**, 9, 162-8	5.5	36
73	Revealing molecular-level surface structure of amyloid fibrils in liquid by means of frequency modulation atomic force microscopy. *Nanotechnology*, **2008**, 19, 384010	3.4	36
72	The elusive tau molecular structures: can we translate the recent breakthroughs into new targets for intervention?. *Acta Neuropathologica Communications*, **2019**, 7, 31	7.3	35
71	Flow linear dichroism of some prototypical proteins. *Journal of the American Chemical Society*, **2009**, 131, 13305-14	16.4	33

70	Structural analyses of fibrinogen amyloid fibrils. *Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis*, **2007**, 14, 199-203	2.7	33
69	Atomic models of de novo designed cc beta-Met amyloid-like fibrils. *Journal of Molecular Biology*, **2008**, 376, 898-912	6.5	31
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67	Structural determinants in a library of low molecular weight gelators. *Soft Matter*, **2015**, 11, 1174-81	3.6	30
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65	Dehydration stability of amyloid fibrils studied by AFM. *European Biophysics Journal*, **2009**, 38, 1135-40	1.9	28
64	Probing supramolecular protein assembly using covalently attached fluorescent molecular rotors. *Biomaterials*, **2017**, 139, 195-201	15.6	27
63	The β-edge strand hypothesis: Prediction and test of a mutational "hot-spot" on the transthyretin molecule associated with FAP amyloidogenesis. *Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis*, **1996**, 3, 75-85	2.7	23
62	Using chirality to influence supramolecular gelation. *Chemical Science*, **2019**, 10, 7801-7806	9.4	22
61	Effects of Aβ exposure on long-term associative memory and its neuronal mechanisms in a defined neuronal network. *Scientific Reports*, **2015**, 5, 10614	4.9	22
60	Tau (297-391) forms filaments that structurally mimic the core of paired helical filaments in Alzheimer's disease brain. *FEBS Letters*, **2020**, 594, 944-950	3.8	22
59	Amyloidogenicity and toxicity of the reverse and scrambled variants of amyloid-β 1-42. *FEBS Letters* , **2017**, 591, 822-830	3.8	21
58	Cross-beta spine architecture of fibrils formed by the amyloidogenic segment NFGSVQFV of medin from solid-state NMR and X-ray fiber diffraction measurements. *Biochemistry*, **2009**, 48, 3089-99	3.2	21
57	Two distinct β-sheet structures in Italian-mutant amyloid-beta fibrils: a potential link to different clinical phenotypes. *Cellular and Molecular Life Sciences*, **2015**, 72, 4899-913	10.3	20
56	Formation of functional, non-amyloidogenic fibres by recombinant Bacillus subtilis TasA. *Molecular Microbiology*, **2018**, 110, 897-913	4.1	20
55	Identifying the Coiled-Coil Triple Helix Structure of β-Peptide Nanofibers at Atomic Resolution. *ACS Nano*, **2018**, 12, 9101-9109	16.7	18
54	The Involvement of Aβ42 and Tau in Nucleolar and Protein Synthesis Machinery Dysfunction. *Frontiers in Cellular Neuroscience*, **2018**, 12, 220	6.1	17
53	Synuclein proteins of the pufferfish Fugu rubripes: sequences and functional characterization. *Biochemistry*, **2006**, 45, 2599-607	3.2	17

52	The Molecular Basis for Apolipoprotein E4 as the Major Risk Factor for Late-Onset Alzheimer's Disease. *Journal of Molecular Biology*, **2019**, 431, 2248-2265	6.5	16
51	Insights into the architecture of the Ure2p yeast protein assemblies from helical twisted fibrils. *Protein Science*, **2006**, 15, 2481-7	6.3	16
50	Computational de novo design of a self-assembling peptide with predefined structure. *Journal of Molecular Biology*, **2015**, 427, 550-62	6.5	15
49	Cysteine-Independent Inhibition of Alzheimer's Disease-like Paired Helical Filament Assembly by Leuco-Methylthioninium (LMT). *Journal of Molecular Biology*, **2018**, 430, 4119-4131	6.5	15
48	Silica Nanowires Templated by Amyloid-like Fibrils. *Angewandte Chemie - International Edition*, **2015** , 54, 13327-31	16.4	15
47	Human beta-synuclein rendered fibrillogenic by designed mutations. *Journal of Biological Chemistry* , **2010**, 285, 38555-67	5.4	15
46	Fibres, crystals and polymorphism: the structural promiscuity of amyloidogenic peptides. *Soft Matter*, **2010**, 6, 2110	3.6	15
45	Misfolded amyloid-β42 impairs the endosomal-lysosomal pathway. *Cellular and Molecular Life Sciences*, **2020**, 77, 5031-5043	10.3	14
44	Inflammation protein SAA2.2 spontaneously forms marginally stable amyloid fibrils at physiological temperature. *Biochemistry*, **2011**, 50, 9184-91	3.2	14
43	Mechanically functional amyloid fibrils in the adhesive of a marine invertebrate as revealed by Raman spectroscopy and atomic force microscopy. *Archives of Histology and Cytology*, **2009**, 72, 199-207		14
42	The CDR1 and Other Regions of Immunoglobulin Light Chains are Hot Spots for Amyloid Aggregation. *Scientific Reports*, **2019**, 9, 3123	4.9	13
41	The diversity and utility of amyloid fibrils formed by short amyloidogenic peptides. *Interface Focus*, **2017**, 7, 20170027	3.9	13
40	Amyloid structure. *Essays in Biochemistry*, **2014**, 56, 1-10	7.6	13
39	Methods for Structural Analysis of Amyloid Fibrils in Misfolding Diseases. *Methods in Molecular Biology*, **2019**, 1873, 109-122	1.4	12
38	Three-dimensional reconstruction of individual helical nano-filament structures from atomic force microscopy topographs. *Biomolecular Concepts*, **2020**, 11, 102-115	3.7	10
37	Quantification of amyloid fibril polymorphism by nano-morphometry reveals the individuality of filament assembly. *Communications Chemistry*, **2020**, 3,	6.3	10
36	Polyglutamine aggregate structure in vitro and in vivo; new avenues for coherent anti-Stokes Raman scattering microscopy. *PLoS ONE*, **2012**, 7, e40536	3.7	9
35	A molecular model of the amyloid fibril. *Novartis Foundation Symposium*, **1996**, 199, 6-15; discussion 15-21, 40-6		9

34	The Structure of Cross-Tapes and Tubes Formed by an Octapeptide, 51. *Angewandte Chemie*, **2013**, 125, 2335-2339	3.6	8
33	Structure-dependent effects of amyloid-on long-term memory in Lymnaea stagnalis. *FEBS Letters*, **2017**, 591, 1236-1246	3.8	7
32	Transition of Nano-Architectures Through Self-Assembly of Lipidated Tripeptide Foldamers. *Frontiers in Chemistry*, **2020**, 8, 217	5	7
31	A Biophysical Approach to the Identification of Novel ApoE Chemical Probes. *Biomolecules*, **2019**, 9,	5.9	5
30	Polymerization of human angiotensinogen: insights into its structural mechanism and functional significance. *Biochemical Journal*, **2006**, 400, 169-78	3.8	5
29	Physical Methods for Studies of Fiber Formation and Structure197-253		5
28	Paired Helical Filament-Forming Region of Tau (297-391) Influences Endogenous Tau Protein and Accumulates in Acidic Compartments in Human Neuronal Cells. *Journal of Molecular Biology*, **2020**, 432, 4891-4907	6.5	5
27	Internalisation and toxicity of amyloid-1-42 are influenced by its conformation and assembly state rather than size. *FEBS Letters*, **2020**, 594, 3490-3503	3.8	5
26	Europium as an inhibitor of Amyloid-(1-42) induced membrane permeation. *FEBS Letters*, **2015**, 589, 3228-36	3.8	4
25	A new species of aplanosporic Haptoglossa, H. beakesii, with vesiculate spore release. *Botany*, **2010**, 88, 93-101	1.3	4
24	A cluster of familial Creutzfeldt-Jakob disease mutations recapitulate conserved residues in Doppel: a case of molecular mimicry?. *FEBS Letters*, **2002**, 532, 21-6	3.8	4
23	MIRRAGGE - Minimum Information Required for Reproducible AGGregation Experiments. *Frontiers in Molecular Neuroscience*, **2020**, 13, 582488	6.1	4
22	Metal- and UV- Catalyzed Oxidation Results in Trapped Amyloid-Intermediates Revealing that Self-Assembly Is Required for A-Induced Cytotoxicity. *IScience*, **2020**, 23, 101537	6.1	3
21	Monitoring changes of paramagnetically-shifted 31P signals in phospholipid vesicles. *Chemical Physics Letters*, **2016**, 648, 124-129	2.5	3
20	Silica Nanowires Templated by Amyloid-like Fibrils. *Angewandte Chemie*, **2015**, 127, 13525-13529	3.6	3
19	Structural identification of individual helical amyloid filaments by integration of cryo-electron microscopy-derived maps in comparative morphometric atomic force microscopy image analysis.. *Journal of Molecular Biology*, **2022**, 434, 167466	6.5	3
18	Tau Filament Self-Assembly and Structure: Tau as a Therapeutic Target. *Frontiers in Neurology*, **2020**, 11, 590754	4.1	3
17	Oxidative Stress Conditions Result in Trapping of PHF-Core Tau (297-391) Intermediates. *Cells*, **2021**, 10,	7.9	3

16	Quantification of amyloid fibril polymorphism by nano-morphometry reveals the individuality of filament assembly		2
15	An evaluation of the self-assembly enhancing properties of cell-derived hexameric amyloid-β *Scientific Reports*, **2021**, 11, 11570	4.9	2
14	Chemically and thermally stable silica nanowires with a β-sheet peptide core for bionanotechnology. *Journal of Nanobiotechnology*, **2016**, 14, 79	9.4	2
13	Cathepsin K as a novel amyloid fibril protein in humans. *Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis* , **2017**, 24, 68-69	2.7	1
12	From Molecular to Supramolecular Amyloid Structures: Contributions from Fiber Diffraction and Electron Microscopy **2013**, 63-84		1
11	Three-dimensional reconstruction of individual helical nano-filament structures from atomic force microscopy topographs		1
10	The Disease Associated Tau35 Fragment has an Increased Propensity to Aggregate Compared to Full-Length Tau. *Frontiers in Molecular Biosciences*, **2021**, 8, 779240	5.6	1
9	Formation of functional, non-amyloidogenic fibres by recombinantBacillus subtilisTasA		1
8	The involvement of dityrosine crosslinks in lipofuscin accumulation in Alzheimer's disease. *Journal of Physics: Conference Series*, **2019**, 1294, 062107	0.3	1
7	Nucleation-dependent Aggregation Kinetics of Yeast Sup35 Fragment GNNQQNY. *Journal of Molecular Biology*, **2021**, 433, 166732	6.5	1
6	Zinc-dysprosium functionalized amyloid fibrils. *Dalton Transactions*, **2019**, 48, 15371-15375	4.3	
5	Structural Analysis of Fibrous Proteins **2008**, 197		
4	Three-dimensional structure of amyloid fibrils. *Biochemical Society Transactions*, **2002**, 30, A54-A54	5.1	
3	Salpyran: A Cu(II) Selective Chelator with Therapeutic Potential. *Inorganic Chemistry*, **2021**, 60, 15310-15320	5.1	
2	HCN channelopathy couples disease-associated tau to synaptic dysfunction.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 2, e058346	1.2	
1	Self-assembly and cellular effect of tau35, a disease-associated tau fragment.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 3, e052072	1.2	