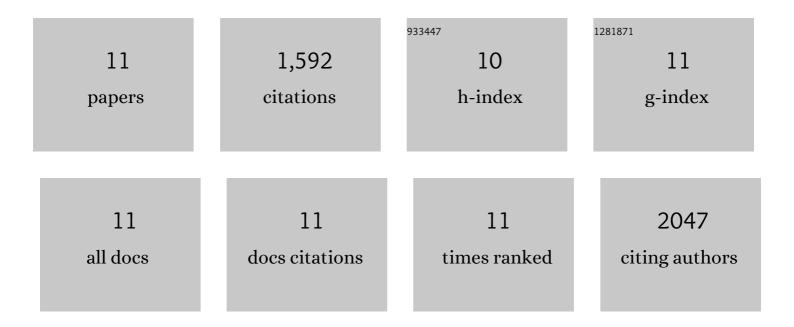
Xiaoting Yang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Differences in nucleation behavior underlie the contrasting aggregation kinetics of the Aβ40 and Aβ42 peptides. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9384-9389.	7.1	405
2	A molecular chaperone breaks the catalytic cycle that generates toxic Aβ oligomers. Nature Structural and Molecular Biology, 2015, 22, 207-213.	8.2	373
3	Secondary nucleation in amyloid formation. Chemical Communications, 2018, 54, 8667-8684.	4.1	323
4	The Aβ40 and Aβ42 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
5	On the role of sidechain size and charge in the aggregation of A <i>β</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
6	Quantitative analysis of intrinsic and extrinsic factors in the aggregation mechanism of Alzheimer-associated Al ² -peptide. Scientific Reports, 2016, 6, 18728.	3.3	77
7	Modulation of electrostatic interactions to reveal a reaction network unifying the aggregation behaviour of the Al²42 peptide and its variants. Chemical Science, 2017, 8, 4352-4362.	7.4	60
8	Conserved S/T Residues of the Human Chaperone DNAJB6 Are Required for Effective Inhibition of Aβ42 Amyloid Fibril Formation. Biochemistry, 2018, 57, 4891-4902.	2.5	52
9	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
10	Direct measurement of lipid membrane disruption connects kinetics and toxicity of Aβ42 aggregation. Nature Structural and Molecular Biology, 2020, 27, 886-891.	8.2	38
11	Identification of a Thyroid Hormone Derivative as a Pleiotropic Agent for the Treatment of Alzheimer's Disease. Pharmaceuticals, 2021, 14, 1330.	3.8	6