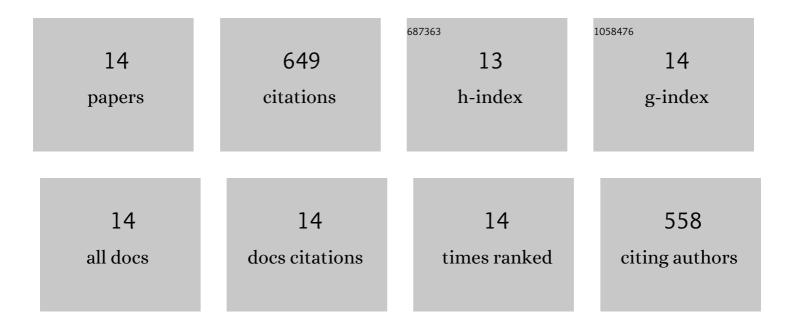
Yunpeng Sun

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Parkinson's disease-related phosphorylation at Tyr39 rearranges α-synuclein amyloid fibril structure revealed by cryo-EM. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20305-20315.	7.1	113
2	Cryo-EM structure of an amyloid fibril formed by full-length human prion protein. Nature Structural and Molecular Biology, 2020, 27, 598-602.	8.2	112
3	Cryo-EM structure of full-length α-synuclein amyloid fibril with Parkinson's disease familial A53T mutation. Cell Research, 2020, 30, 360-362.	12.0	94
4	Parkinson's disease associated mutation E46K of α-synuclein triggers the formation of a distinct fibril structure. Nature Communications, 2020, 11, 2643.	12.8	76
5	The nuclear localization sequence mediates hnRNPA1 amyloid fibril formation revealed by cryoEM structure. Nature Communications, 2020, 11, 6349.	12.8	33
6	The hereditary mutation G51D unlocks a distinct fibril strain transmissible to wild-type α-synuclein. Nature Communications, 2021, 12, 6252.	12.8	33
7	Hsp70 chaperones TDP-43 in dynamic, liquid-like phase and prevents it from amyloid aggregation. Cell Research, 2021, 31, 1024-1027.	12.0	30
8	Genetic prion disease–related mutation E196K displays a novel amyloid fibril structure revealed by cryo-EM. Science Advances, 2021, 7, eabg9676.	10.3	28
9	The structure of a minimum amyloid fibril core formed by necroptosis-mediating RHIM of human RIPK3. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
10	Wild-type α-synuclein inherits the structure and exacerbated neuropathology of E46K mutant fibril strain by cross-seeding. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
11	Generic amyloid fibrillation of TMEM106B in patient with Parkinson's disease dementia and normal elders. Cell Research, 2022, 32, 585-588.	12.0	23
12	O-Glycosylation Induces Amyloid- \hat{l}^2 To Form New Fibril Polymorphs Vulnerable for Degradation. Journal of the American Chemical Society, 2021, 143, 20216-20223.	13.7	22
13	Molecular structure of an amyloid fibril formed by FUS low-complexity domain. IScience, 2022, 25, 103701.	4.1	19
14	SARS-CoV-2 impairs the disassembly of stress granules and promotes ALS-associated amyloid aggregation. Protein and Cell, 2022, 13, 602-614.	11.0	15