

Yunpeng Sun

List of Publications by Year in descending order

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papers

649
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687363

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1058476

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14
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558
citing authors

#	ARTICLE	IF	CITATIONS
1	Parkinsonâ€™s disease-related phosphorylation at Tyr39 rearranges Î±-synuclein amyloid fibril structure revealed by cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20305-20315.	7.1	113
2	Cryo-EM structure of an amyloid fibril formed by full-length human prion protein. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 598-602.	8.2	112
3	Cryo-EM structure of full-length Î±-synuclein amyloid fibril with Parkinsonâ€™s disease familial A53T mutation. <i>Cell Research</i> , 2020, 30, 360-362.	12.0	94
4	Parkinsonâ€™s disease associated mutation E46K of Î±-synuclein triggers the formation of a distinct fibril structure. <i>Nature Communications</i> , 2020, 11, 2643.	12.8	76
5	The nuclear localization sequence mediates hnRNPA1 amyloid fibril formation revealed by cryoEM structure. <i>Nature Communications</i> , 2020, 11, 6349.	12.8	33
6	The hereditary mutation G51D unlocks a distinct fibril strain transmissible to wild-type Î±-synuclein. <i>Nature Communications</i> , 2021, 12, 6252.	12.8	33
7	Hsp70 chaperones TDP-43 in dynamic, liquid-like phase and prevents it from amyloid aggregation. <i>Cell Research</i> , 2021, 31, 1024-1027.	12.0	30
8	Genetic prion diseaseâ€™related mutation E196K displays a novel amyloid fibril structure revealed by cryo-EM. <i>Science Advances</i> , 2021, 7, eabg9676.	10.3	28
9	The structure of a minimum amyloid fibril core formed by necroptosis-mediating RHIM of human RIPK3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
10	Wild-type Î±-synuclein inherits the structure and exacerbated neuropathology of E46K mutant fibril strain by cross-seeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	24
11	Generic amyloid fibrillation of TMEM106B in patient with Parkinsonâ€™s disease dementia and normal elders. <i>Cell Research</i> , 2022, 32, 585-588.	12.0	23
12	O-Glycosylation Induces Amyloid-Î² To Form New Fibril Polymorphs Vulnerable for Degradation. <i>Journal of the American Chemical Society</i> , 2021, 143, 20216-20223.	13.7	22
13	Molecular structure of an amyloid fibril formed by FUS low-complexity domain. <i>IScience</i> , 2022, 25, 103701.	4.1	19
14	SARS-CoV-2 impairs the disassembly of stress granules and promotes ALS-associated amyloid aggregation. <i>Protein and Cell</i> , 2022, 13, 602-614.	11.0	15