

CITATION REPORT

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In situ architecture of neuronal α -Synuclein inclusions

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#	Paper	IF	Citations
52	Can the lack of fibrillar form of alpha-synuclein in Lewy bodies be explained by its catalytic activity?.		
51	βSynuclein Strains: Does Amyloid Conformation Explain the Heterogeneity of Synucleinopathies?. <i>Biomolecules</i> , 2021 , 11,	5.9	5
50	Remodeling of the Fibrillation Pathway of βSynuclein by Interaction with Antimicrobial Peptide LL-III. <i>Chemistry - A European Journal</i> , 2021 , 27, 11845-11851	4.8	2
49	The extracellular chaperone Clusterin enhances Tau aggregate seeding in a cellular model.		
48	Towards Visual Proteomics at High Resolution. <i>Journal of Molecular Biology</i> , 2021 , 433, 167187	6.5	12
47	The extracellular chaperone Clusterin enhances Tau aggregate seeding in a cellular model. <i>Nature Communications</i> , 2021 , 12, 4863	17.4	8
46	Membranes and Organelle in Lewy Bodies: The Mastermind or the Bystander?. <i>Movement Disorders</i> , 2021 , 36, 2026	7	
45	Is Multiple System Atrophy a Prion-like Disorder?. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
44	Rethinking protein aggregation and drug discovery in neurodegenerative diseases: Why we need to embrace complexity?. <i>Current Opinion in Chemical Biology</i> , 2021 , 64, 67-75	9.7	14
43	Amyloid-like aggregates cause lysosomal defects in neurons via gain-of-function toxicity.		4
42	Spiers Memorial Lecture: Analysis and design of membrane-interactive peptides. <i>Faraday Discussions</i> , 2021 ,	3.6	1
41	Unzipping the Secrets of Amyloid Disassembly by the Human Disaggregase. <i>Cells</i> , 2021 , 10,	7.9	0
40	Non-monotonic fibril surface occlusion by GFP tags from coarse-grained molecular simulations.		
39	Electron cryo-tomography reveals the subcellular architecture of growing axons in human brain organoids. <i>ELife</i> , 2021 , 10,	8.9	4
38	Saturated Proteostasis and Nuclear Injuries Defeat Homeostatic Potentials of βSynuclein Filaments.		
37	Missense Mutations Modify the Conformational Ensemble of the -Synuclein Monomer Which Exhibits a Two-Phase Characteristic.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 786123	5.6	1
36	Insights into neurodegeneration from electron microscopy studies. <i>Biochemical Society Transactions</i> , 2021 ,	5.1	

35	Truncation-Driven Lateral Association of β Synuclein Hinders Amyloid Clearance by the Hsp70-Based Disaggregase. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	0
34	Non-monotonic fibril surface occlusion by GFP tags from coarse-grained molecular simulations.. <i>Computational and Structural Biotechnology Journal</i> , 2022 , 20, 309-321	6.8	0
33	Pathological β Synuclein recruits LRRK2 expressing pro-inflammatory monocytes to the brain.. <i>Molecular Neurodegeneration</i> , 2022 , 17, 7	19	5
32	Can the lack of fibrillar form of alpha-synuclein in Lewy bodies be explained by its catalytic activity?. <i>Mathematical Biosciences</i> , 2021 , 108754	3.9	0
31	Modeling the cellular fate of alpha-synuclein aggregates: A pathway to pathology.. <i>Current Opinion in Neurobiology</i> , 2022 , 72, 171-177	7.6	0
30	-Acetyl-Cysteine: Modulating the Cysteine Redox Proteome in Neurodegenerative Diseases.. <i>Antioxidants</i> , 2022 , 11,	7.1	3
29	The AAA+ chaperone VCP disaggregates Tau fibrils and generates aggregate seeds.		2
28	In-Cell Structural Biology by NMR: The Benefits of the Atomic Scale.. <i>Chemical Reviews</i> , 2022 ,	68.1	3
27	Lipid Homeostasis and Its Links With Protein Misfolding Diseases.. <i>Frontiers in Molecular Neuroscience</i> , 2022 , 15, 829291	6.1	5
26	Amyloid-like aggregating proteins cause lysosomal defects in neurons via gain-of-function toxicity.. <i>Life Science Alliance</i> , 2022 , 5,	5.8	4
25	Implementing Complementary Approaches to Shape the Mechanism of β Synuclein Oligomerization as a Model of Amyloid Aggregation.. <i>Molecules</i> , 2021 , 27,	4.8	3
24	Gel-like inclusions of C-terminal fragments of TDP-43 sequester stalled proteasomes in neurons.. <i>EMBO Reports</i> , 2022 , e53890	6.5	1
23	Ultrastructural and biochemical classification of pathogenic tau, β Synuclein and TDP-43.. <i>Acta Neuropathologica</i> , 2022 , 143, 613-640	14.3	1
22	In-cell NMR: Why and how?. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2022 ,	10.4	0
21	Molecular mechanisms of amyloid formation in living systems. <i>Chemical Science</i> ,	9.4	3
20	Conformational strains of pathogenic amyloid proteins in neurodegenerative diseases. <i>Nature Reviews Neuroscience</i> ,	13.5	3
19	Analysis of hemisphere-dependent effects of unilateral intrastriatal injection of β Synuclein pre-formed fibrils on mitochondrial protein levels, dynamics, and function. <i>Acta Neuropathologica Communications</i> , 2022 , 10,	7.3	0
18	The Association of Lipids with Amyloid Fibrils. <i>Journal of Biological Chemistry</i> , 2022 , 102108	5.4	2

17	Wild-Type β Synuclein and Variants Occur in Different Disordered Dimers and Pre-Fibrillar Conformations in Early Stage of Aggregation. <i>Frontiers in Molecular Biosciences</i> , 9,	5.6	2
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11	Functional amyloid in a lipid-like environment: a merry dance of many steps.		1
10	Cellular Models of Alpha-Synuclein Aggregation: What Have We Learned and Implications for Future Study. 2022 , 10, 2649		0
9	Rapid iPSC inclusionopathy models shed light on formation, consequence and molecular subtype of β Synuclein inclusions.		0
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7	Early-Onset Parkinson's Disease: Creating the Right Environment for a Genetic Disorder. 2022 , 12, 2353-2367		0
6	Structural and functional imaging of brains.		0
5	Hybrids of polyphenolic/quinone acids, the potential preventive and therapeutic drugs for PD: Disaggregate β Syn fibrils, inhibit inclusions, and repair damaged neurons in mice. 2023 , 115122		0
4	Polymorphic Alpha-Synuclein Oligomers: Characterization and Differential Detection with Novel Corresponding Antibodies.		0
3	Calcium/calmodulin-dependent serine protein kinase exacerbates mitochondrial calcium uniporter-related mitochondrial calcium overload by phosphorylating β Synuclein in Parkinson's disease. 2023 , 157, 106385		0
2	The AAA+ chaperone VCP disaggregates Tau fibrils and generates aggregate seeds in a cellular system. 2023 , 14,		0
1	Cryo-Electron Tomography of <i>Toxoplasma gondii</i> Indicates That the Conoid Fiber May Be Derived from Microtubules. 2206595		0