

Benjamin Falcon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6308118/publications.pdf>

Version: 2024-02-01

22
papers

5,252
citations

516561

16
h-index

794469

19
g-index

27
all docs

27
docs citations

27
times ranked

3938
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structures of tau filaments from Alzheimer's disease. <i>Nature</i> , 2017, 547, 185-190.	13.7	1,502
2	Structures of filaments from Pick's disease reveal a novel tau protein fold. <i>Nature</i> , 2018, 561, 137-140.	13.7	625
3	Novel tau filament fold in chronic traumatic encephalopathy encloses hydrophobic molecules. <i>Nature</i> , 2019, 568, 420-423.	13.7	528
4	Structure-based classification of tauopathies. <i>Nature</i> , 2021, 598, 359-363.	13.7	409
5	Novel tau filament fold in corticobasal degeneration. <i>Nature</i> , 2020, 580, 283-287.	13.7	381
6	Heparin-induced tau filaments are polymorphic and differ from those in Alzheimer's and Pick's diseases. <i>ELife</i> , 2019, 8, .	2.8	309
7	Tau filaments from multiple cases of sporadic and inherited Alzheimer's disease adopt a common fold. <i>Acta Neuropathologica</i> , 2018, 136, 699-708.	3.9	252
8	Like prions: the propagation of aggregated tau and β -synuclein in neurodegeneration. <i>Brain</i> , 2017, 140, 266-278.	3.7	248
9	Cryo-EM structures of amyloid- β 42 filaments from human brains. <i>Science</i> , 2022, 375, 167-172.	6.0	228
10	Cryo-EM structures of tau filaments. <i>Current Opinion in Structural Biology</i> , 2020, 64, 17-25.	2.6	165
11	Short Fibrils Constitute the Major Species of Seed-Competent Tau in the Brains of Mice Transgenic for Human P301S Tau. <i>Journal of Neuroscience</i> , 2016, 36, 762-772.	1.7	129
12	Structure of pathological TDP-43 filaments from ALS with FTL. <i>Nature</i> , 2022, 601, 139-143.	13.7	129
13	Cryo-EM structures of tau filaments from Alzheimer's disease with PET ligand APN-1607. <i>Acta Neuropathologica</i> , 2021, 141, 697-708.	3.9	99
14	Age-dependent formation of TMEM106B amyloid filaments in human brains. <i>Nature</i> , 2022, 605, 310-314.	13.7	88
15	Measurement of Tau Filament Fragmentation Provides Insights into Prion-like Spreading. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1276-1282.	1.7	68
16	Distinct Conformers of Assembled Tau in Alzheimer's and Pick's Diseases. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2018, 83, 163-171.	2.0	53
17	Tau Protein and Frontotemporal Dementias. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1281, 177-199.	0.8	8
18	[Epub ahead of print]: CRYO-EM STRUCTURES OF TAU FILAMENTS FROM ALZHEIMER'S DISEASE BRAIN. <i>Alzheimer's and Dementia</i> , 2017, 13, P892.	0.4	3

#	ARTICLE	IF	CITATIONS
19	O1-08-03: CHARACTERISATION OF TAU FROM P301S MOUSE REVEALS THAT SEED COMPETENT TAU COMPRISE SMALL FIBRILS COMPOSED OF HYPERPHOSPHORYLATED TAU. , 2014, 10, P145-P145.		0
20	P1-004: IDENTIFICATION OF TAU SPECIES REQUIRED FOR SEEDING IN A CELL-BASED MODEL OF PATHOLOGICAL TAU PROPAGATION. , 2014, 10, P305-P306.		0
21	P3-049: CHARACTERISATION OF A CO-CULTURE CELL-BASED MODEL OF TAU AGGREGATION AND PROPAGATION. , 2014, 10, P646-P646.		0
22	O4â€04â€02: Characterisation of Tau Species Involved in Tau Seeding and Spread in Cellular and Animal Models. Alzheimer's and Dementia, 2016, 12, P340.	0.4	0