

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 amyloid- β 42 filaments from human brains. <i>Science</i> , 2022, 375, 167-172. | 6.0 | 228 |
| 2 | Structure of pathological TDP-43 filaments from ALS with FTL. <i>Nature</i> , 2022, 601, 139-143. | 13.7 | 129 |
| 3 | Age-dependent formation of TMEM106B amyloid filaments in human brains. <i>Nature</i> , 2022, 605, 310-314. | 13.7 | 88 |
| 4 | 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 |
| 5 | Structure-based classification of tauopathies. <i>Nature</i> , 2021, 598, 359-363. | 13.7 | 409 |
| 6 | Tau Protein and Frontotemporal Dementias. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1281, 177-199. | 0.8 | 8 |
| 7 | Novel tau filament fold in corticobasal degeneration. <i>Nature</i> , 2020, 580, 283-287. | 13.7 | 381 |
| 8 | Cryo-EM structures of tau filaments. <i>Current Opinion in Structural Biology</i> , 2020, 64, 17-25. | 2.6 | 165 |
| 9 | 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 |
| 10 | Novel tau filament fold in chronic traumatic encephalopathy encloses hydrophobic molecules. <i>Nature</i> , 2019, 568, 420-423. | 13.7 | 528 |
| 11 | Measurement of Tau Filament Fragmentation Provides Insights into Prion-like Spreading. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1276-1282. | 1.7 | 68 |
| 12 | 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 |
| 13 | 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 |
| 14 | Structures of filaments from Pick's disease reveal a novel tau protein fold. <i>Nature</i> , 2018, 561, 137-140. | 13.7 | 625 |
| 15 | [E3A02]: CRYO-EM STRUCTURES OF TAU FILAMENTS FROM ALZHEIMER'S DISEASE BRAIN. <i>Alzheimer's and Dementia</i> , 2017, 13, P892. | 0.4 | 3 |
| 16 | Cryo-EM structures of tau filaments from Alzheimer's disease. <i>Nature</i> , 2017, 547, 185-190. | 13.7 | 1,502 |
| 17 | Like prions: the propagation of aggregated tau and β -synuclein in neurodegeneration. <i>Brain</i> , 2017, 140, 266-278. | 3.7 | 248 |
| 18 | O402: Characterisation of Tau Species Involved in Tau Seeding and Spread in Cellular and Animal Models. <i>Alzheimer's and Dementia</i> , 2016, 12, P340. | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | P1-004: IDENTIFICATION OF TAU SPECIES REQUIRED FOR SEEDING IN A CELL-BASED MODEL OF PATHOLOGICAL TAU PROPAGATION. , 2014, 10, P305-P306. | | 0 |
| 22 | P3-049: CHARACTERISATION OF A CO-CULTURE CELL-BASED MODEL OF TAU AGGREGATION AND PROPAGATION. , 2014, 10, P646-P646. | | 0 |