

# Airi Tarutani

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

2,089  
citations

687335

13  
h-index

996954

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures of $\tau$ -synuclein filaments from multiple system atrophy. <i>Nature</i> , 2020, 585, 464-469.	27.8	446
2	Structure-based classification of tauopathies. <i>Nature</i> , 2021, 598, 359-363.	27.8	409
3	Novel tau filament fold in corticobasal degeneration. <i>Nature</i> , 2020, 580, 283-287.	27.8	381
4	Biochemical classification of tauopathies by immunoblot, protein sequence and mass spectrometric analyses of sarkosyl-insoluble and trypsin-resistant tau. <i>Acta Neuropathologica</i> , 2016, 131, 267-280.	7.7	167
5	Propagation of pathological $\tau$ -synuclein in marmoset brain. <i>Acta Neuropathologica Communications</i> , 2017, 5, 12.	5.2	142
6	Seeded assembly <i>in vitro</i> does not replicate the structures of $\tau$ -synuclein filaments from multiple system atrophy. <i>FEBS Open Bio</i> , 2021, 11, 999-1013.	2.3	95
7	The Effect of Fragmented Pathogenic $\tau$ -Synuclein Seeds on Prion-like Propagation. <i>Journal of Biological Chemistry</i> , 2016, 291, 18675-18688.	3.4	88
8	Age-dependent formation of TMEM106B amyloid filaments in human brains. <i>Nature</i> , 2022, 605, 310-314.	27.8	88
9	Potent prion-like behaviors of pathogenic $\tau$ -synuclein and evaluation of inactivation methods. <i>Acta Neuropathologica Communications</i> , 2018, 6, 29.	5.2	73
10	Neuron-specific methylome analysis reveals epigenetic regulation and tau-related dysfunction of BRCA1 in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9645-E9654.	7.1	72
11	Ultrastructural and biochemical classification of pathogenic tau, $\tau$ -synuclein and TDP-43. <i>Acta Neuropathologica</i> , 2022, 143, 613-640.	7.7	22
12	N-Methyl-D-Aspartate Receptor Link to the MAP Kinase Pathway in Cortical and Hippocampal Neurons and Microglia Is Dependent on Calcium Sensors and Is Blocked by $\tau$ -Synuclein, Tau, and Phospho-Tau in Non-transgenic and Transgenic APPSw,Ind Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 273.	2.9	19
13	Prion-like propagation of $\tau$ -synuclein in neurodegenerative diseases. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 168, 323-348.	1.7	18
14	Human tauopathy-derived tau strains determine the substrates recruited for templated amplification. <i>Brain</i> , 2021, 144, 2333-2348.	7.6	17
15	Electron Microscopic Analysis of. <i>Methods in Molecular Biology</i> , 2021, 2322, 17-25.	0.9	2