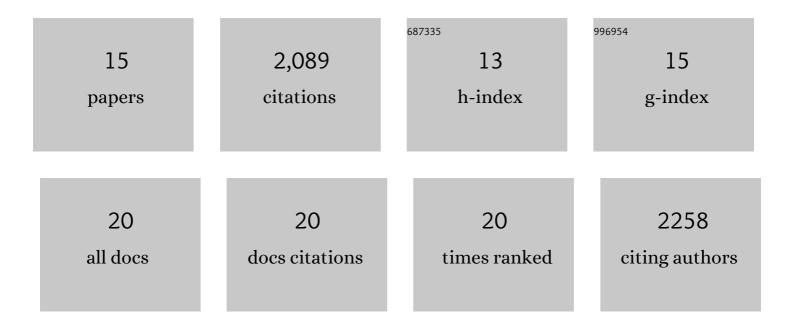
Airi Tarutani

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Structures of α-synuclein filaments from multiple system atrophy. Nature, 2020, 585, 464-469.	27.8	446
2	Structure-based classification of tauopathies. Nature, 2021, 598, 359-363.	27.8	409
3	Novel tau filament fold in corticobasal degeneration. Nature, 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. Acta Neuropathologica, 2016, 131, 267-280.	7.7	167
5	Propagation of pathological α-synuclein in marmoset brain. Acta Neuropathologica Communications, 2017, 5, 12.	5.2	142
6	Seeded assembly <i>inÂvitro</i> does not replicate the structures of αâ€synuclein filaments from multiple system atrophy. FEBS Open Bio, 2021, 11, 999-1013.	2.3	95
7	The Effect of Fragmented Pathogenic α-Synuclein Seeds on Prion-like Propagation. Journal of Biological Chemistry, 2016, 291, 18675-18688.	3.4	88
8	Age-dependent formation of TMEM106B amyloid filaments in human brains. Nature, 2022, 605, 310-314.	27.8	88
9	Potent prion-like behaviors of pathogenic $\hat{I}\pm$ -synuclein and evaluation of inactivation methods. Acta Neuropathologica Communications, 2018, 6, 29.	5.2	73
10	Neuron-specific methylome analysis reveals epigenetic regulation and tau-related dysfunction of BRCA1 in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9645-E9654.	7.1	72
11	Ultrastructural and biochemical classification of pathogenic tau, α-synuclein and TDP-43. Acta Neuropathologica, 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 α-Synuclein, Tau, and Phospho-Tau in Non-transgenic and Transgenic APPSw,Ind Mice. Frontiers in Molecular Neuroscience, 2018, 11, 273.	2.9	19
13	Prion-like propagation of α-synuclein in neurodegenerative diseases. Progress in Molecular Biology and Translational Science, 2019, 168, 323-348.	1.7	18
14	Human tauopathy-derived tau strains determine the substrates recruited for templated amplification. Brain, 2021, 144, 2333-2348.	7.6	17
15	Electron Microscopic Analysis of. Methods in Molecular Biology, 2021, 2322, 17-25.	0.9	2