

Rohan de Silva

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

10,814
citations

87401

40
h-index

73587

79
g-index

86
all docs

86
docs citations

86
times ranked

15385
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct populations of highly potent TAU seed conformers in rapidly progressing Alzheimer's disease. <i>Science Translational Medicine</i> , 2022, 14, eabg0253.	5.8	26
2	Elevated 4R-tau in astrocytes from asymptomatic carriers of the MAPT 10+16 intronic mutation. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1327-1331.	1.6	6
3	MIR-NATs repress MAPT translation and aid proteostasis in neurodegeneration. <i>Nature</i> , 2021, 594, 117-123.	13.7	29
4	A clinical, molecular genetics and pathological study of a FTDP-17 family with a heterozygous splicing variant c.823-10G>T at the intron 9/exon 10 of the MAPT gene. <i>Neurobiology of Aging</i> , 2021, 106, 343.e1-343.e8.	1.5	5
5	MOBP and HIP1 in multiple system atrophy: New α -synuclein partners in glial cytoplasmic inclusions implicated in the disease pathogenesis. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 640-652.	1.8	11
6	Reply to "Impulse control disorders are associated with lower ventral striatum dopamine D3 receptor availability in Parkinson's disease: A [11C]-PHNO PET study." <i>Parkinsonism and Related Disorders</i> , 2021, 93, 31-32.	1.1	1
7	Fulminant corticobasal degeneration: a distinct variant with predominant neuronal tau aggregates. <i>Acta Neuropathologica</i> , 2020, 139, 717-734.	3.9	15
8	Pre-clinical characterisation of E2814, a high-affinity antibody targeting the microtubule-binding repeat domain of tau for passive immunotherapy in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2020, 8, 13.	2.4	61
9	Lower nucleus accumbens α -synuclein load and D3 receptor levels in Parkinson's disease with impulsive compulsive behaviours. <i>Brain</i> , 2019, 142, 3580-3591.	3.7	17
10	A walk through tau therapeutic strategies. <i>Acta Neuropathologica Communications</i> , 2019, 7, 22.	2.4	211
11	Association of MAPT haplotype-tagging polymorphisms with cerebrospinal fluid biomarkers of Alzheimer's disease: A preliminary study in a Croatian cohort. <i>Brain and Behavior</i> , 2018, 8, e01128.	1.0	20
12	Variation at the TRIM11 locus modifies progressive supranuclear palsy phenotype. <i>Annals of Neurology</i> , 2018, 84, 485-496.	2.8	37
13	Foamy Virus Vectors Transduce Visceral Organs and Hippocampal Structures following In Vivo Delivery to Neonatal Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 626-634.	2.3	7
14	Monoaminergic neuropathology in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2017, 151, 101-138.	2.8	206
15	Tau Protein Hyperphosphorylation and Aggregation in Alzheimer's Disease and Other Tauopathies, and Possible Neuroprotective Strategies. <i>Biomolecules</i> , 2016, 6, 6.	1.8	503
16	The role of tau in the pathological process and clinical expression of Huntington's disease. <i>Brain</i> , 2015, 138, 1907-1918.	3.7	115
17	The analysis of C9orf72 repeat expansions in a large series of clinically and pathologically diagnosed cases with atypical parkinsonism. <i>Neurobiology of Aging</i> , 2015, 36, 1221.e1-1221.e6.	1.5	39
18	Evaluating the relationship between amyloid- β and α -synuclein phosphorylated at Ser129 in dementia with Lewy bodies and Parkinson's disease. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 77.	3.0	74

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19	A cognitive chameleon: Lessons from a novel <i>MAPT</i> mutation case. <i>Neurocase</i> , 2014, 20, 684-694.	0.2	12
20	Reduced Vascular Endothelial Growth Factor and Capillary Density in the Occipital Cortex in Dementia with Lewy Bodies. <i>Brain Pathology</i> , 2014, 24, 334-343.	2.1	39
21	Genetic variability in the regulation of gene expression in ten regions of the human brain. <i>Nature Neuroscience</i> , 2014, 17, 1418-1428.	7.1	620
22	Assessment of common variability and expression quantitative trait loci for genome-wide associations for progressive supranuclear palsy. <i>Neurobiology of Aging</i> , 2014, 35, 1514.e1-1514.e12.	1.5	33
23	Widespread RNA metabolism impairment in sporadic inclusion body myositis TDP43-proteinopathy. <i>Neurobiology of Aging</i> , 2014, 35, 1491-1498.	1.5	36
24	Validation of next-generation sequencing technologies in genetic diagnosis of dementia. <i>Neurobiology of Aging</i> , 2014, 35, 261-265.	1.5	59
25	Variation in tau isoform expression in different brain regions and disease states. <i>Neurobiology of Aging</i> , 2013, 34, 1922.e7-1922.e12.	1.5	49
26	Fine-Mapping, Gene Expression and Splicing Analysis of the Disease Associated LRRK2 Locus. <i>PLoS ONE</i> , 2013, 8, e70724.	1.1	45
27	Development and assessment of sensitive immunoprecipitation-PCR assays for the quantification of cerebrospinal fluid three- and four-repeat tau isoforms in tauopathies. <i>Journal of Neurochemistry</i> , 2012, 123, 396-405.	2.1	64
28	MAPT expression and splicing is differentially regulated by brain region: relation to genotype and implication for tauopathies. <i>Human Molecular Genetics</i> , 2012, 21, 4094-4103.	1.4	191
29	The MAPT p.A152T variant is a risk factor associated with tauopathies with atypical clinical and neuropathological features. <i>Neurobiology of Aging</i> , 2012, 33, 2231.e7-2231.e14.	1.5	60
30	Identification of common variants influencing risk of the tauopathy progressive supranuclear palsy. <i>Nature Genetics</i> , 2011, 43, 699-705.	9.4	502
31	Tau-positive grains are constant in centenarians' hippocampus. <i>Neurobiology of Aging</i> , 2011, 32, 1296-1303.	1.5	20
32	Globular glial tauopathies (GGT) presenting with motor neuron disease or frontotemporal dementia: an emerging group of 4-repeat tauopathies. <i>Acta Neuropathologica</i> , 2011, 122, 415-428.	3.9	67
33	Clinical and neuroanatomical signatures of tissue pathology in frontotemporal lobar degeneration. <i>Brain</i> , 2011, 134, 2565-2581.	3.7	306
34	Lewy- and Alzheimer-type pathologies in Parkinson's disease dementia: which is more important?. <i>Brain</i> , 2011, 134, 1493-1505.	3.7	497
35	Novel L284R & MAPT Mutation in a Family with an Autosomal Dominant Progressive Supranuclear Palsy Syndrome. <i>Neurodegenerative Diseases</i> , 2011, 8, 149-152.	0.8	47
36	Rational therapeutic approaches to progressive supranuclear palsy. <i>Brain</i> , 2010, 133, 1578-1590.	3.7	83

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37	Adapting the Sniffin' Sticks to diagnose Parkinson's disease in Sri Lanka. <i>Movement Disorders</i> , 2009, 24, 1229-1233.	2.2	38
38	Development of a sensitive ELISA for quantification of three- and four-repeat tau isoforms in tauopathies. <i>Journal of Neuroscience Methods</i> , 2009, 180, 34-42.	1.3	23
39	Association of MAPT haplotype-tagging SNPs with sporadic Parkinson's disease. <i>Neurobiology of Aging</i> , 2009, 30, 1477-1482.	1.5	48
40	Concomitant progressive supranuclear palsy and multiple system atrophy: More than a simple twist of fate?. <i>Neuroscience Letters</i> , 2009, 467, 208-211.	1.0	19
41	Ageing Analysis Reveals Slowed Tau Turnover and Enhanced Stress Response in a Mouse Model of Tauopathy. <i>American Journal of Pathology</i> , 2009, 174, 228-238.	1.9	73
42	MAPT S305I mutation: implications for argyrophilic grain disease. <i>Acta Neuropathologica</i> , 2008, 116, 103-118.	3.9	52
43	Genetics of progressive supranuclear palsy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2008, 89, 475-485.	1.0	0
44	Differential Incorporation of Tau Isoforms in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2008, 14, 1-16.	1.2	107
45	Pathological tau burden and distribution distinguishes progressive supranuclear palsy-parkinsonism from Richardson's syndrome. <i>Brain</i> , 2007, 130, 1566-1576.	3.7	364
46	Expression of embryonic tau protein isoforms persist during adult neurogenesis in the hippocampus. <i>Hippocampus</i> , 2007, 17, 98-102.	0.9	51
47	Genetic variation at the tau locus and clinical syndromes associated with progressive supranuclear palsy. <i>Movement Disorders</i> , 2007, 22, 895-897.	2.2	25
48	Pick's disease with Pick bodies: An unusual autopsy case showing degeneration of the pontine nucleus, dentate nucleus, Clarke's column, and lower motor neuron. <i>Neuropathology</i> , 2007, 27, 81-89.	0.7	3
49	The MAPT H1c risk haplotype is associated with increased expression of tau and especially of 4 repeat containing transcripts. <i>Neurobiology of Disease</i> , 2007, 25, 561-570.	2.1	231
50	DJ-1 (PARK7) is associated with 3R and 4R tau neuronal and glial inclusions in neurodegenerative disorders. <i>Neurobiology of Disease</i> , 2007, 28, 122-132.	2.1	32
51	Tangle Diseases and the Tau Haplotypes. <i>Alzheimer Disease and Associated Disorders</i> , 2006, 20, 60-62.	0.6	6
52	Microdeletion encompassing MAPT at chromosome 17q21.3 is associated with developmental delay and learning disability. <i>Nature Genetics</i> , 2006, 38, 1032-1037.	9.4	344
53	An immunohistochemical study of cases of sporadic and inherited frontotemporal lobar degeneration using 3R- and 4R-specific tau monoclonal antibodies. <i>Acta Neuropathologica</i> , 2006, 111, 329-340.	3.9	91
54	No alteration in tau exon 10 alternative splicing in tangle-bearing neurons of the Alzheimer's disease brain. <i>Acta Neuropathologica</i> , 2006, 112, 439-449.	3.9	41

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55	Amyotrophic lateral sclerosis with dementia: an autopsy case showing many Bunina bodies, tau-positive neuronal and astrocytic plaque-like pathologies, and pallido-nigral degeneration. <i>Acta Neuropathologica</i> , 2006, 112, 633-645.	3.9	28
56	Untangling the tau gene association with neurodegenerative disorders. <i>Human Molecular Genetics</i> , 2006, 15, R188-R195.	1.4	102
57	Sporadic four-repeat tauopathy with frontotemporal degeneration, parkinsonism and motor neuron disease. <i>Acta Neuropathologica</i> , 2005, 110, 600-609.	3.9	30
58	Characteristics of two distinct clinical phenotypes in pathologically proven progressive supranuclear palsy: Richardson's syndrome and PSP-parkinsonism. <i>Brain</i> , 2005, 128, 1247-1258.	3.7	743
59	The architecture of the tau haplotype block in different ethnicities. <i>Neuroscience Letters</i> , 2005, 377, 81-84.	1.0	13
60	Development, characterisation and epitope mapping of novel monoclonal antibodies for DJ-1 (PARK7) protein. <i>Neuroscience Letters</i> , 2005, 383, 225-230.	1.0	11
61	The structure of the tau haplotype in controls and in progressive supranuclear palsy. <i>Human Molecular Genetics</i> , 2004, 13, 1267-1274.	1.4	119
62	The expression of DJ-1 (PARK7) in normal human CNS and idiopathic Parkinson's disease. <i>Brain</i> , 2004, 127, 420-430.	3.7	404
63	Detecting tau isoforms in archival cases. <i>Acta Neuropathologica</i> , 2004, 107, 181-182.	3.9	3
64	Immunohistochemical study of tau accumulation in early stages of Alzheimer-type neurofibrillary lesions. <i>Acta Neuropathologica</i> , 2004, 107, 504-508.	3.9	37
65	Alzheimer's associated variant ubiquitin causes inhibition of the 26S proteasome and chaperone expression. <i>Journal of Neurochemistry</i> , 2004, 86, 394-404.	2.1	78
66	Cloning of the Gene Containing Mutations that Cause PARK8-Linked Parkinson's Disease. <i>Neuron</i> , 2004, 44, 595-600.	3.8	2,183
67	Failure in heat-shock protein expression in response to UBB+1 protein in progressive supranuclear palsy in humans. <i>Neuroscience Letters</i> , 2004, 359, 94-98.	1.0	5
68	The tau H2 haplotype is almost exclusively Caucasian in origin. <i>Neuroscience Letters</i> , 2004, 369, 183-185.	1.0	102
69	Dementia with Lewy bodies from the perspective of tauopathy. <i>Acta Neuropathologica</i> , 2003, 105, 265-270.	3.9	67
70	4-repeat tauopathy sharing pathological and biochemical features of corticobasal degeneration and progressive supranuclear palsy. <i>Acta Neuropathologica</i> , 2003, 106, 251-260.	3.9	45
71	The L266V tau mutation is associated with frontotemporal dementia and Pick-like 3R and 4R tauopathy. <i>Acta Neuropathologica</i> , 2003, 106, 323-336.	3.9	84
72	Hyperphosphorylation and aggregation of tau in mice expressing normal human tau isoforms. <i>Journal of Neurochemistry</i> , 2003, 86, 582-590.	2.1	662

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73	Argyrophilic Grain Disease Is a Sporadic 4-Repeat Tauopathy. Journal of Neuropathology and Experimental Neurology, 2002, 61, 547-556.	0.9	232
74	Tau neurotoxicity without the lesions: a fly challenges a tangled web. Trends in Neurosciences, 2002, 25, 327-329.	4.2	22
75	The tau locus is not significantly associated with pathologically confirmed sporadic Parkinson's disease. Neuroscience Letters, 2002, 330, 201-203.	1.0	39
76	The Slow Axonal Transport of the Microtubule-Associated Protein Tau and the Transport Rates of Different Isoforms and Mutants in Cultured Neurons. Journal of Neuroscience, 2002, 22, 6394-6400.	1.7	69
77	No pathogenic mutations in the synphilin-1 gene in Parkinson's disease. Neuroscience Letters, 2001, 307, 125-127.	1.0	18
78	Strong association of a novel Tau promoter haplotype in progressive supranuclear palsy. Neuroscience Letters, 2001, 311, 145-148.	1.0	49