

# Rachel E Bennett

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

2,734  
citations

304743

22  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

4428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tau protein liquidâ€“liquid phase separation can initiate tau aggregation. <i>EMBO Journal</i> , 2018, 37, .	7.8	696
2	Tau Protein Disrupts Nucleocytoplasmic Transport in Alzheimerâ€™s Disease. <i>Neuron</i> , 2018, 99, 925-940.e7.	8.1	302
3	Repetitive Closed-Skull Traumatic Brain Injury in Mice Causes Persistent Multifocal Axonal Injury and Microglial Reactivity. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 551-567.	1.7	268
4	Tau induces blood vessel abnormalities and angiogenesis-related gene expression in P301L transgenic mice and human Alzheimerâ€™s disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1289-E1298.	7.1	224
5	Enhanced Tau Aggregation in the Presence of Amyloid $\beta$ . <i>American Journal of Pathology</i> , 2017, 187, 1601-1612.	3.8	167
6	Diffusion tensor imaging detects axonal injury in a mouse model of repetitive closed-skull traumatic brain injury. <i>Neuroscience Letters</i> , 2012, 513, 160-165.	2.1	120
7	Experimental evidence for the age dependence of tau protein spread in the brain. <i>Science Advances</i> , 2019, 5, eaaw6404.	10.3	103
8	Selection of an Efficient AAV Vector for Robust CNS Transgene Expression. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 15, 320-332.	4.1	89
9	Tau reduction in the presence of amyloid- $\beta$ prevents tau pathology and neuronal death in vivo. <i>Brain</i> , 2018, 141, 2194-2212.	7.6	84
10	Controlled Cortical Impact Traumatic Brain Injury Acutely Disrupts Wakefulness and Extracellular Orexin Dynamics as Determined by Intracerebral Microdialysis in Mice. <i>Journal of Neurotrauma</i> , 2012, 29, 1908-1921.	3.4	66
11	Acute Reduction of Microglia Does Not Alter Axonal Injury in a Mouse Model of Repetitive Concussive Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 1647-1663.	3.4	55
12	The 2013 Canadian Forces Mental Health Survey. <i>Canadian Journal of Psychiatry</i> , 2016, 61, 10S-25S.	1.9	53
13	Partial reduction of microglia does not affect tau pathology in aged mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 311.	7.2	52
14	APOE4 derived from astrocytes leads to bloodâ€“brain barrier impairment. <i>Brain</i> , 2022, 145, 3582-3593.	7.6	52
15	The pathophysiology of repetitive concussive traumatic brain injury in experimental models; new developments and open questions. <i>Molecular and Cellular Neurosciences</i> , 2015, 66, 91-98.	2.2	45
16	Cerebrovascular Senescence Is Associated With Tau Pathology in Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2020, 11, 575953.	2.4	45
17	Profiling senescent cells in human brains reveals neurons with CDKN2D/p19 and tau neuropathology. <i>Nature Aging</i> , 2021, 1, 1107-1116.	11.6	45
18	Human Apolipoprotein E4 Worsens Acute Axonal Pathology but Not Amyloid- $\beta$ Immunoreactivity After Traumatic Brain Injury in 3 $\beta$ -TG-AD Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 396-403.	1.7	36

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19	Characterization of TauC3 antibody and demonstration of its potential to block tau propagation. PLoS ONE, 2017, 12, e0177914.	2.5	36
20	[18F]-AV-1451 binding profile in chronic traumatic encephalopathy: a postmortem case series. Acta Neuropathologica Communications, 2019, 7, 164.	5.2	33
21	Persistent repression of tau in the brain using engineered zinc finger protein transcription factors. Science Advances, 2021, 7, .	10.3	31
22	Statin pretreatment and risk of in-hospital atrial fibrillation among patients undergoing cardiac surgery: a collaborative meta-analysis of 11 randomized controlled trials. Europace, 2015, 17, 855-863.	1.7	26
23	PTEN activation contributes to neuronal and synaptic engulfment by microglia in tauopathy. Acta Neuropathologica, 2020, 140, 7-24.	7.7	24
24	Studying tau protein propagation and pathology in the mouse brain using adeno-associated viruses. Methods in Cell Biology, 2017, 141, 307-322.	1.1	23
25	Array tomography for the detection of non-dilated, injured axons in traumatic brain injury. Journal of Neuroscience Methods, 2015, 245, 25-36.	2.5	12
26	Continuous Monitoring of Tau-Induced Neurotoxicity in Patient-Derived iPSC-Neurons. Journal of Neuroscience, 2021, 41, 4335-4348.	3.6	10
27	Tau reduction in aged mice does not impact Microangiopathy. Acta Neuropathologica Communications, 2020, 8, 137.	5.2	7
28	Heterogeneity of Tau Deposition and Microvascular Involvement in MCI and AD. Current Alzheimer Research, 2021, 18, 711-720.	1.4	6
29	Synaptic and metabolic gene expression alterations in neurons that are recipients of proteopathic tau seeds. Acta Neuropathologica Communications, 2020, 8, 168.	5.2	2
30	Tau Protein Disrupts Nucleocytoplasmic Transport in Alzheimerrs Disease. SSRN Electronic Journal, 0, ,.	0.4	0
31	Heterogeneity of tau deposition and microvascular involvement in MCI and AD.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e054282.	0.8	0