David J Koss

List of Publications by Year
in descending order

21	713	623734	713466
papers	citations	14 h-index	21 g-index

22	22	22	1243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Abnormal Cognition, Sleep, EEG and Brain Metabolism in a Novel Knock-In Alzheimer Mouse, PLB1. PLoS ONE, 2011, 6, e27068.	2.5	115
2	Soluble pre-fibrillar tau and Î²-amyloid species emerge in early human Alzheimerâ€™s disease and track disease progression and cognitive decline. Acta Neuropathologica, 2016, 132, 875-895.	7.7	105
3	Synucleinopathies: Where we are and where we need to go. Journal of Neurochemistry, 2020, 153, 433-454.	3.9	62
4	Knock-In of Human BACE1 Cleaves Murine APP and Reiterates Alzheimer-like Phenotypes. Journal of Neuroscience, 2014, 34, 10710-10728.	3.6	52
5	Neuronal human BACE1 knockin induces systemic diabetes in mice. Diabetologia, 2016, 59, 1513-1523.	6.3	50
6	Cytosolic Trapping of a Mitochondrial Heat Shock Protein Is an Early Pathological Event in Synucleinopathies. Cell Reports, 2019, 28, 65-77.e6.	6.4	41
7	In vitro models of synucleinopathies: informing on molecular mechanisms and protective strategies. Journal of Neurochemistry, 2019, 150, 535-565.	3.9	33
8	Synaptic Loss, ER Stress and Neuro-Inflammation Emerge Late in the Lateral Temporal Cortex and Associate with Progressive Tau Pathology in Alzheimerâ€™s Disease. Molecular Neurobiology, 2020, 57, 3258-3272.	4.0	33
9	Modulation of hippocampal calcium signalling and plasticity by serine/threonine protein phosphatases. Journal of Neurochemistry, 2007, 102, 1009-1023.	3.9	28
10	Spatial learning impairments in PLB1Triple knock-in Alzheimer mice are task-specific and age-dependent. Cellular and Molecular Life Sciences, 2013, 70, 2603-2619.	5.4	25
11	Nuclear alpha-synuclein is present in the human brain and is modified in dementia with Lewy bodies. Acta Neuropathologica Communications, 2022, 10, .	5.2	24
12	Age-dependent changes in hippocampal synaptic transmission and plasticity in the PLB1Triple Alzheimer mouse. Cellular and Molecular Life Sciences, 2013, 70, 2585-2601.	5.4	20
13	Store-operated Ca2+ entry in hippocampal neurons: Regulation by protein tyrosine phosphatase PTP1B. Cell Calcium, 2013, 53, 125-138.	2.4	20
14	Intracellular Ca2+ stores modulate SOCCs and NMDA receptors via tyrosine kinases in rat hippocampal neurons. Cell Calcium, 2009, 46, 39-48.	2.4	18
15	Knock-in of Mutated hTAU Causes Insulin Resistance, Inflammation and Proteostasis Disturbance in a Mouse Model of Frontotemporal Dementia. Molecular Neurobiology, 2020, 57, 539-550.	4.0	17
16	A comparative study of the actions of alkylpyridinium salts from a marine sponge and related synthetic compounds in rat cultured hippocampal neurones. BMC Pharmacology, 2007, 7, 1.	0.4	16
17	Dysfunction of <scp>RAB39Bâ€</scp>Mediated Vesicular Trafficking in Lewy Body Diseases. Movement Disorders, 2021, 36, 1744-1758.	3.9	12
18	Alzheimerâ€™s disease pathology and the unfolded protein response: prospective pathways and therapeutic targets. Behavioural Pharmacology, 2017, 28, 161-178.	1.7	11

#	Article	IF	Citations
19	RAB39B is redistributed in dementia with Lewy bodies and is sequestered within aÎ² plaques and Lewy bodies. Brain Pathology, 2021, 31, 120-132.	4.1	11
20	Prion-like Î±-synuclein pathology in the brain of infants with Krabbe disease. Brain, 2022, 145, 1257-1263.	7.6	9
21	18F-barbiturates are PET tracers with diagnostic potential in Alzheimer's disease. Chemical Communications, 2013, 49, 792-794.	4.1	7