Katherine A B Kellett

List of Publications by Year
in descending order

21 papers	1,045 citations	516561 16 h-index	713332 21 g-index
22 all docs	22 docs citations	22 times ranked	2226 citing authors

#	Article	IF	Citations
1	Nanoparticle-Enabled Enrichment of Longitudinal Blood Proteomic Fingerprints in Alzheimerâ€™s Disease. ACS Nano, 2021, 15, 7357-7369.	7.3	17
2	3D hydrogel models of the neurovascular unit to investigate bloodâ€“brain barrier dysfunction. Neuronal Signaling, 2021, 5, NS20210027.	1.7	20
3	Proteolysis of the low density lipoprotein receptor by bone morphogenetic protein-1 regulates cellular cholesterol uptake. Scientific Reports, 2019, 9, 11416.	1.6	13
4	Quantitative interaction proteomics reveals differences in the interactomes of amyloid precursor protein isoforms. Journal of Neurochemistry, 2019, 149, 399-412.	2.1	12
5	Proteolytic shedding of the prion protein via activation of metallopeptidase ADAM10 reduces cellular binding and toxicity of amyloid-Î² oligomers. Journal of Biological Chemistry, 2019, 294, 7085-7097.	1.6	38
6	Tau Proteolysis in the Pathogenesis of Tauopathies: Neurotoxic Fragments and Novel Biomarkers. Journal of Alzheimer's Disease, 2018, 63, 13-33.	1.2	111
7	Tau pathology and neurochemical changes associated with memory dysfunction in an optimised murine model of global cerebral ischaemia - A potential model for vascular dementia?. Neurochemistry International, 2018, 118, 134-144.	1.9	39
8	Plasma metals as potential biomarkers in dementia: a caseâ€“control study in patients with sporadic Alzheimerâ€™s disease. BioMetals, 2018, 31, 267-276.	1.8	13
9	Modelling Sporadic Alzheimerâ€™s Disease Using Induced Pluripotent Stem Cells. Neurochemical Research, 2018, 43, 2179-2198.	1.6	27
10	Elevation of brain glucose and polyol-pathway intermediates with accompanying brain-copper deficiency in patients with Alzheimerâ€™s disease: metabolic basis for dementia. Scientific Reports, 2016, 6, 27524.	1.6	68
11	A Greek Tragedy: The Growing Complexity of Alzheimer Amyloid Precursor Protein Proteolysis. Journal of Biological Chemistry, 2016, 291, 19235-19244.	1.6	151
12	Ablation of Prion Protein in Wild Type Human Amyloid Precursor Protein (APP) Transgenic Mice Does Not Alter The Proteolysis of APP, Levels of Amyloid-Î² or Pathologic Phenotype. PLoS ONE, 2016, 11, e0159119.	1.1	9
13	The Role of Tissue Non-specific Alkaline Phosphatase (TNAP) in Neurodegenerative Diseases: Alzheimerâ€™s Disease in the Focus. Sub-Cellular Biochemistry, 2015, 76, 363-374.	1.0	18
14	Discovery of Biphenylacetamide-Derived Inhibitors of BACE1 Using de Novo Structure-Based Molecular Design. Journal of Medicinal Chemistry, 2013, 56, 1843-1852.	2.9	16
15	Prion Protein Is Decreased in Alzheimer's Brain and Inversely Correlates with BACE1 Activity, Amyloid-Î² Levels and Braak Stage. PLoS ONE, 2013, 8, e59554.	1.1	35
16	BIN1 Is Decreased in Sporadic but Not Familial Alzheimerâ€™s Disease or in Aging. PLoS ONE, 2013, 8, e78806.	1.1	65
17	Alkaline Phosphatase Is Increased in both Brain and Plasma in Alzheimerâ€™s Disease. Neurodegenerative Diseases, 2012, 9, 31-37.	0.8	71
18	Prion Protein Interacts with BACE1 Protein and Differentially Regulates Its Activity toward Wild Type and Swedish Mutant Amyloid Precursor Protein. Journal of Biological Chemistry, 2011, 286, 33489-33500.	1.6	53

#	Article	IF	Citations
19	The Transcriptionally Active Amyloid Precursor Protein (APP) Intracellular Domain Is Preferentially Produced from the 695 Isoform of APP in a Î²-Secretase-dependent Pathway. Journal of Biological Chemistry, 2010, 285, 41443-41454.	1.6	175
20	Prion protein and Alzheimer disease. Prion, 2009, 3, 190-194.	0.9	66
21	Discovery of novel non-peptide inhibitors of BACE-1 using virtual high-throughput screening. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6770-6774.	1.0	28