

# Katherine A B Kellett

## List of Publications by Year in descending order

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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	The Transcriptionally Active Amyloid Precursor Protein (APP) Intracellular Domain Is Preferentially Produced from the 695 Isoform of APP in a $\beta$ -Secretase-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 41443-41454.	1.6	175
2	A Greek Tragedy: The Growing Complexity of Alzheimer Amyloid Precursor Protein Proteolysis. <i>Journal of Biological Chemistry</i> , 2016, 291, 19235-19244.	1.6	151
3	Tau Proteolysis in the Pathogenesis of Tauopathies: Neurotoxic Fragments and Novel Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 13-33.	1.2	111
4	Alkaline Phosphatase Is Increased in both Brain and Plasma in Alzheimer's Disease. <i>Neurodegenerative Diseases</i> , 2012, 9, 31-37.	0.8	71
5	Elevation of brain glucose and polyol-pathway intermediates with accompanying brain-copper deficiency in patients with Alzheimer's disease: metabolic basis for dementia. <i>Scientific Reports</i> , 2016, 6, 27524.	1.6	68
6	Prion protein and Alzheimer disease. <i>Prion</i> , 2009, 3, 190-194.	0.9	66
7	BIN1 Is Decreased in Sporadic but Not Familial Alzheimer's Disease or in Aging. <i>PLoS ONE</i> , 2013, 8, e78806.	1.1	65
8	Prion Protein Interacts with BACE1 Protein and Differentially Regulates Its Activity toward Wild Type and Swedish Mutant Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 33489-33500.	1.6	53
9	Tau pathology and neurochemical changes associated with memory dysfunction in an optimised murine model of global cerebral ischaemia - A potential model for vascular dementia?. <i>Neurochemistry International</i> , 2018, 118, 134-144.	1.9	39
10	Proteolytic shedding of the prion protein via activation of metallopeptidase ADAM10 reduces cellular binding and toxicity of amyloid- $\beta$ oligomers. <i>Journal of Biological Chemistry</i> , 2019, 294, 7085-7097.	1.6	38
11	Prion Protein Is Decreased in Alzheimer's Brain and Inversely Correlates with BACE1 Activity, Amyloid- $\beta$ Levels and Braak Stage. <i>PLoS ONE</i> , 2013, 8, e59554.	1.1	35
12	Discovery of novel non-peptide inhibitors of BACE-1 using virtual high-throughput screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6770-6774.	1.0	28
13	Modelling Sporadic Alzheimer's Disease Using Induced Pluripotent Stem Cells. <i>Neurochemical Research</i> , 2018, 43, 2179-2198.	1.6	27
14	3D hydrogel models of the neurovascular unit to investigate blood-brain barrier dysfunction. <i>Neuronal Signaling</i> , 2021, 5, NS20210027.	1.7	20
15	The Role of Tissue Non-specific Alkaline Phosphatase (TNAP) in Neurodegenerative Diseases: Alzheimer's Disease in the Focus. <i>Sub-Cellular Biochemistry</i> , 2015, 76, 363-374.	1.0	18
16	Nanoparticle-Enabled Enrichment of Longitudinal Blood Proteomic Fingerprints in Alzheimer's Disease. <i>ACS Nano</i> , 2021, 15, 7357-7369.	7.3	17
17	Discovery of Biphenylacetamide-Derived Inhibitors of BACE1 Using de Novo Structure-Based Molecular Design. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1843-1852.	2.9	16
18	Plasma metals as potential biomarkers in dementia: a case-control study in patients with sporadic Alzheimer's disease. <i>BioMetals</i> , 2018, 31, 267-276.	1.8	13

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19	Proteolysis of the low density lipoprotein receptor by bone morphogenetic protein-1 regulates cellular cholesterol uptake. <i>Scientific Reports</i> , 2019, 9, 11416.	1.6	13
20	Quantitative interaction proteomics reveals differences in the interactomes of amyloid precursor protein isoforms. <i>Journal of Neurochemistry</i> , 2019, 149, 399-412.	2.1	12
21	Ablation of Prion Protein in Wild Type Human Amyloid Precursor Protein (APP) Transgenic Mice Does Not Alter The Proteolysis of APP, Levels of Amyloid- $\beta$ or Pathologic Phenotype. <i>PLoS ONE</i> , 2016, 11, e0159119.	1.1	9