

# Pascal Kienlen-Campard

## List of Publications by Year in descending order

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67  
papers

2,251  
citations

257450

24  
h-index

233421

45  
g-index

90  
all docs

90  
docs citations

90  
times ranked

3117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibitors of Amyloid Toxicity Based on $\beta$ -sheet Packing of $A\beta^{240}$ and $A\beta^{242}$ . <i>Biochemistry</i> , 2006, 45, 5503-5516.	2.5	183
2	Intracellular Amyloid- $\beta^{1-42}$ , but Not Extracellular Soluble Amyloid- $\beta^2$ Peptides, Induces Neuronal Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 15666-15670.	3.4	181
3	Heterotypic seeding of Tau fibrillization by pre-aggregated Abeta provides potent seeds for prion-like seeding and propagation of Tau-pathology in vivo. <i>Acta Neuropathologica</i> , 2016, 131, 549-569.	7.7	129
4	Amyloidogenic Processing but Not Amyloid Precursor Protein (APP) Intracellular C-terminal Domain Production Requires a Precisely Oriented APP Dimer Assembled by Transmembrane GXXXG Motifs. <i>Journal of Biological Chemistry</i> , 2008, 283, 7733-7744.	3.4	125
5	Templated misfolding of Tau by prion-like seeding along neuronal connections impairs neuronal network function and associated behavioral outcomes in Tau transgenic mice. <i>Acta Neuropathologica</i> , 2015, 129, 875-894.	7.7	122
6	A helix-to-coil transition at the $\beta$ -cut site in the transmembrane dimer of the amyloid precursor protein is required for proteolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1421-1426.	7.1	115
7	PACAP Type I Receptor Activation Promotes Cerebellar Neuron Survival Through the cAMP/PKA Signaling Pathway. <i>DNA and Cell Biology</i> , 1997, 16, 323-333.	1.9	109
8	Amyloid precursor protein controls cholesterol turnover needed for neuronal activity. <i>EMBO Molecular Medicine</i> , 2013, 5, 608-625.	6.9	88
9	Tau interactome mapping-based identification of Otub1 as Tau deubiquitinase involved in accumulation of pathological Tau forms in vitro and in vivo. <i>Acta Neuropathologica</i> , 2017, 133, 731-749.	7.7	74
10	Activation of phagocytic activity in astrocytes by reduced expression of the inflammasome component ASC and its implication in a mouse model of Alzheimer disease. <i>Journal of Neuroinflammation</i> , 2016, 13, 20.	7.2	73
11	Depolarization regulates cyclin D1 degradation and neuronal apoptosis: a hypothesis about the role of the ubiquitin/proteasome signalling pathway. <i>European Journal of Neuroscience</i> , 1999, 11, 441-448.	2.6	63
12	Epigenetic Regulations of Immediate Early Genes Expression Involved in Memory Formation by the Amyloid Precursor Protein of Alzheimer Disease. <i>PLoS ONE</i> , 2014, 9, e99467.	2.5	60
13	Epigenetic control of aquaporin 1 expression by the amyloid precursor protein. <i>FASEB Journal</i> , 2009, 23, 4158-4167.	0.5	48
14	Pharmacological, molecular and functional characterization of vasoactive intestinal polypeptide/pituitary adenylate cyclase-activating polypeptide receptors in the rat pineal gland. <i>Neuroscience</i> , 1998, 85, 887-896.	2.3	46
15	Lithium Chloride Increases the Production of Amyloid- $\beta^2$ Peptide Independently from Its Inhibition of Glycogen Synthase Kinase 3. <i>Journal of Biological Chemistry</i> , 2005, 280, 33220-33227.	3.4	43
16	Structural features of the KPI domain control APP dimerization, trafficking, and processing. <i>FASEB Journal</i> , 2012, 26, 855-867.	0.5	40
17	Conformational Changes Induced by the A21G Flemish Mutation in the Amyloid Precursor Protein Lead to Increased $A\beta^2$ Production. <i>Structure</i> , 2014, 22, 387-396.	3.3	40
18	Presenilin 2-Dependent Maintenance of Mitochondrial Oxidative Capacity and Morphology. <i>Frontiers in Physiology</i> , 2017, 8, 796.	2.8	40

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19	Tauopathy contributes to synaptic and cognitive deficits in a murine model for Alzheimer's disease. <i>FASEB Journal</i> , 2014, 28, 2620-2631.	0.5	37
20	What is the role of amyloid precursor protein dimerization?. <i>Cell Adhesion and Migration</i> , 2010, 4, 268-272.	2.7	36
21	A Role for GDNF and Soluble APP as Biomarkers of Amyotrophic Lateral Sclerosis Pathophysiology. <i>Frontiers in Neurology</i> , 2018, 9, 384.	2.4	33
22	Cortical cells reveal APP as a new player in the regulation of GABAergic neurotransmission. <i>Scientific Reports</i> , 2017, 7, 370.	3.3	31
23	Phosphorylation of APP695 at Thr668 decreases $\beta$ -cleavage and extracellular $A\beta$ . <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 1004-1010.	2.1	28
24	Glycines from the APP GXXXG/GXXXA Transmembrane Motifs Promote Formation of Pathogenic $A\beta$ Oligomers in Cells. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 107.	3.4	28
25	GABAB receptors negatively regulate transcription in cerebellar granular neurons through cyclic AMP responsive element binding protein-dependent mechanisms. <i>Neuroscience</i> , 1996, 70, 417-427.	2.3	27
26	APP-dependent glial cell line-derived neurotrophic factor gene expression drives neuromuscular junction formation. <i>FASEB Journal</i> , 2016, 30, 1696-1711.	0.5	27
27	In vitro screening on $\beta$ -amyloid peptide production of plants used in traditional medicine for cognitive disorders. <i>Journal of Ethnopharmacology</i> , 2010, 131, 585-591.	4.1	26
28	Analysis by a highly sensitive split luciferase assay of the regions involved in APP dimerization and its impact on processing. <i>FEBS Open Bio</i> , 2015, 5, 763-773.	2.3	25
29	Contribution of the Endosomal-Lysosomal and Proteasomal Systems in Amyloid- $\beta$ Precursor Protein Derived Fragments Processing. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 435.	3.7	24
30	Amyloid Precursor Protein (APP) Controls the Expression of the Transcriptional Activator Neuronal PAS Domain Protein 4 (NPAS4) and Synaptic GABA Release. <i>ENeuro</i> , 2020, 7, ENEURO.0322-19.2020.	1.9	24
31	Specificity of presenilin-1 and presenilin-2 dependent $\beta$ -secretases towards substrate processing. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 823-833.	3.6	23
32	Epigenetic Induction of EGR-1 Expression by the Amyloid Precursor Protein during Exposure to Novelty. <i>PLoS ONE</i> , 2013, 8, e74305.	2.5	22
33	A mouse model of familial amyotrophic lateral sclerosis expressing a mutant superoxide dismutase 1 shows evidence of disordered transport in the vasopressin hypothalamo-neurohypophysial axis. <i>European Journal of Neuroscience</i> , 1999, 11, 4179-4187.	2.6	21
34	Characterization of Pterocarpus erinaceus kino extract and its gamma-secretase inhibitory properties. <i>Journal of Ethnopharmacology</i> , 2015, 163, 192-202.	4.1	17
35	$\beta$ -Sheet Structure within the Extracellular Domain of C99 Regulates Amyloidogenic Processing. <i>Scientific Reports</i> , 2017, 7, 17159.	3.3	17
36	Sex-regulated gene dosage effect of PPAR $\alpha$ on synaptic plasticity. <i>Life Science Alliance</i> , 2019, 2, e201800262.	2.8	16

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37	How to Build and to Protect the Neuromuscular Junction: The Role of the Glial Cell Line-Derived Neurotrophic Factor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 136.	4.1	16
38	Correlation between $\beta$ -amyloid peptide production and human APP-induced neuronal death. <i>Peptides</i> , 2002, 23, 1199-1204.	2.4	15
39	Fe65 does not stabilize AICD during activation of transcription in a luciferase assay. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 317-322.	2.1	14
40	Failure of the interaction between presenilin 1 and the substrate of $\beta$ -secretase to produce $A\beta$ in insect cells. <i>Journal of Neurochemistry</i> , 2002, 83, 390-399.	3.9	13
41	The processing and biological function of the human amyloid precursor protein (APP): lessons from different cellular models. <i>Experimental Gerontology</i> , 2000, 35, 843-850.	2.8	12
42	Continuous Activation of Pituitary Adenylate Cyclase-Activating Polypeptide Receptors Elicits Antipodal Effects on Cyclic AMP and Inositol Phospholipid Signaling Pathways in CATH.a Cells: Role of Protein Synthesis and Protein Kinases. <i>Journal of Neurochemistry</i> , 2002, 70, 1431-1440.	3.9	12
43	Contribution of Kunitz Protease Inhibitor and Transmembrane Domains to Amyloid Precursor Protein Homodimerization. <i>Neurodegenerative Diseases</i> , 2012, 10, 92-95.	1.4	12
44	Gamma-Secretase Inhibitor Activity of a <i>Pterocarpus erinaceus</i> Extract. <i>Neurodegenerative Diseases</i> , 2014, 14, 39-51.	1.4	12
45	Presenilin Transmembrane Domain 8 Conserved XXXXXXG Motifs Are Required for the Activity of the $\beta$ -Secretase Complex. <i>Journal of Biological Chemistry</i> , 2015, 290, 7169-7184.	3.4	11
46	Overexpression of wild-type human amyloid precursor protein alters GABAergic transmission. <i>Scientific Reports</i> , 2021, 11, 17600.	3.3	11
47	Expression of the c-ets 1 gene in the hypothalamus and pituitary during rat development. <i>Developmental Brain Research</i> , 1996, 97, 107-117.	1.7	10
48	Lactacystin decreases amyloid- $\beta$ peptide production by inhibiting $\beta$ -secretase activity. <i>Journal of Neuroscience Research</i> , 2006, 84, 1311-1322.	2.9	9
49	An evaluation of the self-assembly enhancing properties of cell-derived hexameric amyloid- $\beta$ . <i>Scientific Reports</i> , 2021, 11, 11570.	3.3	9
50	Dimeric Transmembrane Orientations of APP/C99 Regulate $\beta$ -Secretase Processing Line Impacting Signaling and Oligomerization. <i>IScience</i> , 2020, 23, 101887.	4.1	9
51	Mechanism of Cellular Formation and In Vivo Seeding Effects of Hexameric $\beta$ -Amyloid Assemblies. <i>Molecular Neurobiology</i> , 2021, 58, 6647-6669.	4.0	8
52	Experimental gerontology in Belgium: from model organisms to age-related pathologies. <i>Experimental Gerontology</i> , 2000, 35, 901-916.	2.8	7
53	Glucocorticoids, but not Dopamine, Negatively Regulate the Melanotrophic Activity of the Rabbit Pituitary Intermediate Lobe. <i>Journal of Neuroendocrinology</i> , 1994, 6, 385-390.	2.6	6
54	Presenilin-Deficient Neurons and Astrocytes Display Normal Mitochondrial Phenotypes. <i>Frontiers in Neuroscience</i> , 2020, 14, 586108.	2.8	6

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55	Influence of the familial Alzheimer's disease-associated T43I mutation on the transmembrane structure and $\beta$ -secretase processing of the C99 peptide. <i>Journal of Biological Chemistry</i> , 2019, 294, 5854-5866.	3.4	5
56	Adenylosuccinate Lyase Deficiency: Study of Physiopathologic Mechanism(s). <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 1227-1229.	1.1	2
57	Dimeric Transmembrane Orientations of APP/C99 Regulate $\beta$ -Secretase Processing Line Impacting Signaling and Oligomerization. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
58	A Helix-to-Coil Transition in the Transmembrane Dimer of the Amyloid Precursor Protein is Required for Proteolysis by $\beta$ -Secretase. <i>Biophysical Journal</i> , 2009, 96, 335a.	0.5	0
59	P1-033: AMYLOID-INDUCED TAUOPATHY CONTRIBUTES TO SYNAPTIC AND COGNITIVE DEFICITS IN A TRANSGENIC MODEL FOR ALZHEIMER'S DISEASE. , 2014, 10, P315-P315.		0
60	O5-04-01: MOLECULAR MECHANISMS OF ABETA-INDUCED TAU-PATHOLOGY: ANALYSIS OF CROSS-SEEDING OF ABETA AND TAU AND ITS ROLE IN PRION-LIKE PROPAGATION OF TAU-PATHOLOGY IN VITRO AND IN VIVO. , 2016, 12, P385-P385.		0
61	[P4-037]: IDENTIFICATION OF NOVEL TARGETS FOR INHIBITING PRION-LIKE SEEDING AND PROPAGATION OF TAU PATHOLOGY IN VITRO AND IN VIVO. <i>Alzheimer's and Dementia</i> , 2017, 13, P1270.	0.8	0
62	Amyloidogenic processing but not amyloid precursor protein (APP) intracellular C-terminal domain production requires a precisely oriented APP dimer assembled by transmembrane GXXXG motifs. VOLUME 283 (2008) PAGES 7733-7744. <i>Journal of Biological Chemistry</i> , 2008, 283, 12680.	3.4	0
63	APP-deficient neurons show a subtle differential gene expression pattern: impairment in the expression of the activity-dependent transcription factor, NPAS4.. <i>Frontiers in Neuroscience</i> , 0, 11, .	2.8	0
64	Cortical cells reveal APP as a regulator of GABAergic neurotransmission. <i>Frontiers in Neuroscience</i> , 0, 11, .	2.8	0
65	Improvement of synaptic plasticity by pharmacological activation of RXR nuclear receptors is PPAR $\alpha$ dependent.. <i>Frontiers in Neuroscience</i> , 0, 12, .	2.8	0
66	Improvement of synaptic plasticity by pharmacological activation of RXR nuclear receptors is PPAR $\alpha$ dependent.. <i>Frontiers in Neuroscience</i> , 0, 12, .	2.8	0
67	Dimeric Transmembrane Orientations of AAPP/C99 Regulate $\beta$ -Secretase Processing Line Impacting Signaling and Oligomerization. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0