

Paolo Paganetti

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8089212/paolo-paganetti-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

13,210
citations

39
h-index

87
g-index

87
ext. papers

14,520
ext. citations

7.8
avg, IF

5.05
L-index

#	Paper	IF	Citations
78	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
77	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
76	Two amyloid precursor protein transgenic mouse models with Alzheimer disease-like pathology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 13287-92	11.5	1213
75	Exogenous induction of cerebral beta-amyloidogenesis is governed by agent and host. <i>Science</i> , 2006 , 313, 1781-4	33.3	749
74	Role of EDEM in the release of misfolded glycoproteins from the calnexin cycle. <i>Science</i> , 2003 , 299, 1397-1400	33.3	391
73	Acetylation targets mutant huntingtin to autophagosomes for degradation. <i>Cell</i> , 2009 , 137, 60-72	56.2	322
72	Amyloid beta interacts with the amyloid precursor protein: a potential toxic mechanism in Alzheimer disease. <i>Nature Neuroscience</i> , 2000 , 3, 460-4	25.5	226
71	Proteolysis of mutant huntingtin produces an exon 1 fragment that accumulates as an aggregated protein in neuronal nuclei in Huntington disease. <i>Journal of Biological Chemistry</i> , 2010 , 285, 8808-23	5.4	219
70	Membrane-type 1 matrix metalloprotease (MT1-MMP) enables invasive migration of glioma cells in central nervous system white matter. <i>Journal of Cell Biology</i> , 1999 , 144, 373-84	7.3	203
69	Sequential assistance of molecular chaperones and transient formation of covalent complexes during protein degradation from the ER. <i>Journal of Cell Biology</i> , 2002 , 158, 247-57	7.3	186
68	Functional and dynamic polymerization of the ALS-linked protein TDP-43 antagonizes its pathologic aggregation. <i>Nature Communications</i> , 2017 , 8, 45	17.4	153
67	Identical oligomeric and fibrillar structures captured from the brains of R6/2 and knock-in mouse models of Huntington disease. <i>Human Molecular Genetics</i> , 2010 , 19, 65-78	5.6	151
66	The carboxyl termini of beta-amyloid peptides 1-40 and 1-42 are generated by distinct gamma-secretase activities. <i>Journal of Biological Chemistry</i> , 1996 , 271, 28655-9	5.4	135
65	EDEM1 regulates ER-associated degradation by accelerating de-mannosylation of folding-defective polypeptides and by inhibiting their covalent aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 349, 1278-84	3.4	134
64	Altered chromatin architecture underlies progressive impairment of the heat shock response in mouse models of Huntington disease. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3306-19	15.9	130
63	Targeting presenilin-type aspartic protease signal peptide peptidase with gamma-secretase inhibitors. <i>Journal of Biological Chemistry</i> , 2003 , 278, 16528-33	5.4	109
62	Expression of human beta-secretase in the mouse brain increases the steady-state level of beta-amyloid. <i>Journal of Neurochemistry</i> , 2002 , 80, 799-806	6	108

61	BACE (beta-secretase) modulates the processing of APLP2 in vivo. <i>Molecular and Cellular Neurosciences</i> , 2004 , 25, 642-9	4.8	103
60	Single-step detection of mutant huntingtin in animal and human tissues: a bioassay for Huntington's disease. <i>Analytical Biochemistry</i> , 2009 , 395, 8-15	3.1	101
59	beta-site specific intrabodies to decrease and prevent generation of Alzheimer's Abeta peptide. <i>Journal of Cell Biology</i> , 2005 , 168, 863-8	7.3	92
58	Sensitive biochemical aggregate detection reveals aggregation onset before symptom development in cellular and murine models of Huntington's disease. <i>Journal of Neurochemistry</i> , 2008 , 104, 846-58	6	88
57	Suppression of protein aggregation by chaperone modification of high molecular weight complexes. <i>Brain</i> , 2012 , 135, 1180-96	11.2	85
56	ER-to-lysosome-associated degradation of proteasome-resistant ATZ polymers occurs via receptor-mediated vesicular transport. <i>EMBO Journal</i> , 2018 , 37,	13	81
55	Full-length huntingtin levels modulate body weight by influencing insulin-like growth factor 1 expression. <i>Human Molecular Genetics</i> , 2010 , 19, 1528-38	5.6	79
54	Deciphering the role of tau in neurodegeneration using Adeno-Associated Viral (AAV) vectors to express human tau in the mouse forebrain. <i>Molecular Neurodegeneration</i> , 2013 , 8,	19	78
53	Hdac6 knock-out increases tubulin acetylation but does not modify disease progression in the R6/2 mouse model of Huntington's disease. <i>PLoS ONE</i> , 2011 , 6, e20696	3.7	77
52	A screen for enhancers of clearance identifies huntingtin as a heat shock protein 90 (Hsp90) client protein. <i>Journal of Biological Chemistry</i> , 2012 , 287, 1406-14	5.4	72
51	Induction of autophagy with catalytic mTOR inhibitors reduces huntingtin aggregates in a neuronal cell model. <i>Journal of Neurochemistry</i> , 2011 , 119, 398-407	6	72
50	The mTOR kinase inhibitor Everolimus decreases S6 kinase phosphorylation but fails to reduce mutant huntingtin levels in brain and is not neuroprotective in the R6/2 mouse model of Huntington's disease. <i>Molecular Neurodegeneration</i> , 2010 , 5, 26	19	72
49	Structure-based design, synthesis, and memapsin 2 (BACE) inhibitory activity of carbocyclic and heterocyclic peptidomimetics. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 5175-90	8.3	70
48	Intracellular accumulation of beta-amyloid in cells expressing the Swedish mutant amyloid precursor protein. <i>Journal of Biological Chemistry</i> , 1995 , 270, 26727-30	5.4	67
47	Effect of alkalizing agents on the processing of the beta-amyloid precursor protein. <i>Brain Research</i> , 1996 , 716, 91-100	3.7	67
46	Detection of a soluble form of BACE-1 in human cerebrospinal fluid by a sensitive activity assay. <i>Clinical Chemistry</i> , 2006 , 52, 1168-74	5.5	64
45	A splice variant of beta-secretase deficient in the amyloidogenic processing of the amyloid precursor protein. <i>Journal of Biological Chemistry</i> , 2001 , 276, 12019-23	5.4	60
44	TR-FRET-based duplex immunoassay reveals an inverse correlation of soluble and aggregated mutant huntingtin in huntingtin's disease. <i>Chemistry and Biology</i> , 2012 , 19, 264-75		58

43	Macrocyclic peptidomimetic beta-secretase (BACE-1) inhibitors with activity in vivo. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 1366-70	2.9	51
42	Macrocyclic BACE-1 inhibitors acutely reduce Aβeta in brain after po application. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 603-7	2.9	49
41	Discovery and structure activity relationship of small molecule inhibitors of toxic βamyloid-42 fibril formation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 34786-800	5.4	44
40	BACE-1 is expressed in the blood-brain barrier endothelium and is upregulated in a murine model of Alzheimer's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 1281-94	7.3	41
39	EDEM contributes to maintenance of protein folding efficiency and secretory capacity. <i>Journal of Biological Chemistry</i> , 2004 , 279, 44600-5	5.4	36
38	Structure-based design and synthesis of macrocyclic peptidomimetic beta-secretase (BACE-1) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 1361-5	2.9	34
37	Motifs in the tau protein that control binding to microtubules and aggregation determine pathological effects. <i>Scientific Reports</i> , 2017 , 7, 13556	4.9	28
36	The disulphide bonds in the catalytic domain of BACE are critical but not essential for amyloid precursor protein processing activity. <i>Journal of Neurochemistry</i> , 2002 , 80, 1079-88	6	26
35	Perturbation with intrabodies reveals that calpain cleavage is required for degradation of huntingtin exon 1. <i>PLoS ONE</i> , 2011 , 6, e16676	3.7	25
34	Inducible mutant huntingtin expression in HN10 cells reproduces Huntington's disease-like neuronal dysfunction. <i>Molecular Neurodegeneration</i> , 2009 , 4, 11	19	24
33	Atg4b-dependent autophagic flux alleviates Huntington's disease progression. <i>PLoS ONE</i> , 2013 , 8, e68357	5.7	23
32	beta-Secretase cleavage is not required for generation of the intracellular C-terminal domain of the amyloid precursor family of proteins. <i>FEBS Journal</i> , 2010 , 277, 1503-18	5.7	21
31	Development of a method for the high-throughput quantification of cellular proteins. <i>ChemBioChem</i> , 2009 , 10, 1678-88	3.8	20
30	Consequences of individual N-glycan deletions and of proteasomal inhibition on secretion of active BACE. <i>Molecular Biology of the Cell</i> , 2008 , 19, 4086-98	3.5	20
29	HSF1-dependent and -independent regulation of the mammalian in vivo heat shock response and its impairment in Huntington's disease mouse models. <i>Scientific Reports</i> , 2017 , 7, 12556	4.9	19
28	Split GFP technologies to structurally characterize and quantify functional biomolecular interactions of FTD-related proteins. <i>Scientific Reports</i> , 2017 , 7, 14013	4.9	19
27	Optimization of an HTRF Assay for the Detection of Soluble Mutant Huntingtin in Human Buffy Coats: A Potential Biomarker in Blood for Huntington Disease. <i>PLoS Currents</i> , 2010 , 2, RRN1205		19
26	Tau affects P53 function and cell fate during the DNA damage response. <i>Communications Biology</i> , 2020 , 3, 245	6.7	18

25	Human genome-guided identification of memory-modulating drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E4369-74	11.5	18
24	BACE1 and mutated presenilin-1 differently modulate Abeta40 and Abeta42 levels and cerebral amyloidosis in APPDutch transgenic mice. <i>Neurodegenerative Diseases</i> , 2007 , 4, 127-35	2.3	18
23	Yeast growth selection system for the identification of cell-active inhibitors of beta-secretase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004 , 1674, 29-39	4	17
22	Distinct processing of endogenous and overexpressed recombinant presenilin 1. <i>Neurobiology of Aging</i> , 1997 , 18, 181-9	5.6	16
21	Huntingtin cleavage product A forms in neurons and is reduced by gamma-secretase inhibitors. <i>Molecular Neurodegeneration</i> , 2010 , 5, 58	19	15
20	Heterogeneous distribution of calmodulin- and cAMP-dependent regulation of Ca ²⁺ uptake in cardiac sarcoplasmic reticulum subfractions. <i>FEBS Journal</i> , 1988 , 176, 535-41		15
19	LBH589, A Hydroxamic Acid-Derived HDAC Inhibitor, is Neuroprotective in Mouse Models of Huntington's Disease. <i>Journal of Huntingtons Disease</i> , 2016 , 5, 347-355	1.9	15
18	Enkephalin and dynorphin neuropeptides are differently correlated with locomotor hypersensitivity and levodopa-induced dyskinesia in parkinsonian rats. <i>Experimental Neurology</i> , 2016 , 280, 80-8	5.7	15
17	Phosphorylation of nuclear Tau is modulated by distinct cellular pathways. <i>Scientific Reports</i> , 2018 , 8, 17702	4.9	15
16	Microtiter plate quantification of mutant and wild-type huntingtin normalized to cell count. <i>Analytical Biochemistry</i> , 2011 , 410, 304-6	3.1	13
15	Synthesis and structure-activity relationship of 2,6-disubstituted pyridine derivatives as inhibitors of Amyloid-42 aggregation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 3330-3335	2.9	12
14	Epithelial growth factor receptor expression influences 5-ALA induced glioblastoma fluorescence. <i>Journal of Neuro-Oncology</i> , 2017 , 133, 497-507	4.8	11
13	Increased efflux of amyloid- β peptides through the blood-brain barrier by muscarinic acetylcholine receptor inhibition reduces pathological phenotypes in mouse models of brain amyloidosis. <i>Journal of Alzheimers Disease</i> , 2014 , 38, 767-86	4.3	11
12	Rapid cerebral amyloid binding by A β antibodies infused into Amyloid precursor protein transgenic mice. <i>Biological Psychiatry</i> , 2010 , 68, 971-4	7.9	11
11	Proteolytic processing of the Aplysia A peptide precursor in A β T-20 cells. <i>Brain Research</i> , 1994 , 633, 53-63.	3.7	11
10	Neuronal aggregates are associated with phenotypic onset in the R6/2 Huntington's disease transgenic mouse. <i>Behavioural Brain Research</i> , 2012 , 229, 308-19	3.4	10
9	Protoporphyrin IX tracer fluorescence modulation for improved brain tumor cell lines visualization. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019 , 201, 111640	6.7	8
8	Hijacking Endocytosis and Autophagy in Extracellular Vesicle Communication: Where the Inside Meets the Outside. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 595515	5.7	8

7	Emerging Evidences for an Implication of the Neurodegeneration-Associated Protein TAU in Cancer. <i>Brain Sciences</i> , 2020 , 10,	3.4	6
6	Transgenic expression of τ antibody in brain neurons impairs age-dependent amyloid deposition in APP23 mice. <i>Neurobiology of Aging</i> , 2013 , 34, 2866-78	5.6	4
5	Extracellular Vesicles Hijack the Autophagic Pathway to Induce Tau Accumulation in Endolysosomes		3
4	The heat shock response, determined by QuantiGene multiplex, is impaired in HD mouse models and not caused by HSF1 reduction. <i>Scientific Reports</i> , 2021 , 11, 9117	4.9	2
3	Splicing of intron 3 of human BACE requires the flanking introns 2 and 4. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 388, 434-8	3.4	1
2	Chloroquine, the Coronavirus Crisis, and Neurodegeneration: A Perspective. <i>Frontiers in Neurology</i> , 2020 , 11, 596528	4.1	1
1	Tau Seeds in Extracellular Vesicles Induce Tau Accumulation in Degradative Organelles of Cells. <i>DNA and Cell Biology</i> , 2021 , 40, 1185-1199	3.6	0