Wiep Scheper

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3080592/publications.pdf

Version: 2024-02-01

66 papers	11,461 citations	117625 34 h-index	118850 62 g-index
70 all docs	70 docs citations	70 times ranked	24440 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	The Unfolded Protein Response Is Activated in Pretangle Neurons in Alzheimer's Disease Hippocampus. American Journal of Pathology, 2009, 174, 1241-1251.	3.8	512
4	The unfolded protein response in neurodegenerative diseases: a neuropathological perspective. Acta Neuropathologica, 2015, 130, 315-331.	7.7	305
5	Activation of the Unfolded Protein Response Is an Early Event in Alzheimerâ€™s and Parkinsonâ€™s Disease. Neurodegenerative Diseases, 2012, 10, 212-215.	1.4	173
6	PEGylated Nanoparticles Bind to and Alter Amyloid-Beta Peptide Conformation: Toward Engineering of Functional Nanomedicines for Alzheimerâ€™s Disease. ACS Nano, 2012, 6, 5897-5908.	14.6	164
7	The unfolded protein response is associated with early tau pathology in the hippocampus of tauopathies. Journal of Pathology, 2012, 226, 693-702.	4.5	153
8	IRE1 signaling exacerbates Alzheimerâ€™s disease pathogenesis. Acta Neuropathologica, 2017, 134, 489-506.	7.7	147
9	Branched KLVFF Tetramers Strongly Potentiate Inhibition of Î²â€Amyloid Aggregation. ChemBioChem, 2007, 8, 1857-1864.	2.6	128
10	Versatile and Efficient Targeting Using a Single Nanoparticulate Platform: Application to Cancer and Alzheimerâ€™s Disease. ACS Nano, 2012, 6, 5866-5879.	14.6	127
11	Liposomes bi-functionalized with phosphatidic acid and an ApoE-derived peptide affect AÎ² aggregation features and cross the bloodâ€“brain-barrier: Implications for therapy of Alzheimer disease. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1583-1590.	3.3	121
12	Alpha-synuclein induces the unfolded protein response in Parkinsonâ€™s disease SNCA triplication iPSC-derived neurons. Human Molecular Genetics, 2017, 26, 4441-4450.	2.9	119
13	Proteasome Activation by Small Molecules. Cell Chemical Biology, 2017, 24, 725-736.e7.	5.2	113
14	Oligomer-specific AÎ² toxicity in cell models is mediated by selective uptake. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 523-531.	3.8	96
15	AÎ² ₁₋₄₂ Induces Mild Endoplasmic Reticulum Stress in an Aggregation Stateâ€“Dependent Manner. Antioxidants and Redox Signaling, 2007, 9, 2245-2254.	5.4	82
16	The unfolded protein response and proteostasis in Alzheimer disease. Autophagy, 2011, 7, 910-911.	9.1	82
17	Endoplasmic Reticulum Protein Quality Control in Neurodegenerative Disease: The Good, the Bad and the Therapy. Current Medicinal Chemistry, 2009, 16, 615-626.	2.4	81
18	Endoplasmic reticulum: The unfolded protein response is tangled in neurodegeneration. International Journal of Biochemistry and Cell Biology, 2012, 44, 1295-1298.	2.8	68

#	Article	IF	Citations
19	Pontocerebellar hypoplasia type 2: a neuropathological update. Acta Neuropathologica, 2007, 114, 373-386.	7.7	65
20	The unfolded protein response affects neuronal cell cycle protein expression: Implications for Alzheimer's disease pathogenesis. Experimental Gerontology, 2006, 41, 380-386.	2.8	51
21	Site-specific cleavage of IGF-II mRNAs requires sequence elements from two distinct regions of the IGF-II gene. Nucleic Acids Research, 1992, 20, 5003-5009.	14.5	50
22	New Method Based on Capillary Electrophoresis with Laser-Induced Fluorescence Detection (CE-LIF) to Monitor Interaction between Nanoparticles and the Amyloid-Î² Peptide. Analytical Chemistry, 2010, 82, 10083-10089.	6.5	50
23	Intracellular accumulation of aggregated pyroglutamate amyloid beta: convergence of aging and Aî² pathology at the lysosome. Age, 2013, 35, 673-687.	3.0	50
24	Granulovacuolar degeneration bodies are neuron-selective lysosomal structures induced by intracellular tau pathology. Acta Neuropathologica, 2019, 138, 943-970.	7.7	48
25	Stall in Canonical Autophagy-Lysosome Pathways Prompts Nucleophagy-Based Nuclear Breakdown in Neurodegeneration. Current Biology, 2017, 27, 3626-3642.e6.	3.9	47
26	In vivo tau pathology is associated with synaptic loss and altered synaptic function. Alzheimer's Research and Therapy, 2021, 13, 35.	6.2	47
27	Amyotrophic lateral sclerosis (ALS)-associated VAPB-P56S inclusions represent an ER quality control compartment. Acta Neuropathologica Communications, 2013, 1, 24.	5.2	46
28	Rab6 membrane association is dependent of Presenilin 1 and cellular phosphorylation events. Molecular Brain Research, 2004, 122, 17-23.	2.3	45
29	Maximal COX-2 and ppRb expression in neurons occurs during early Braak stages prior to the maximal activation of astrocytes and microglia in Alzheimer's disease. Journal of Neuroinflammation, 2005, 2, 27.	7.2	44
30	Unfolded protein response activates glycogen synthase kinase-3 via selective lysosomal degradation. Neurobiology of Aging, 2013, 34, 1759-1771.	3.1	42
31	The Pre-Eclampsia Gene STOX1 Controls a Conserved Pathway in Placenta and Brain Upregulated in Late-Onset Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 19, 673-679.	2.6	40
32	Targeting neuronal MAPK14/p38Î± activity to modulate autophagy in the Alzheimer disease brain. Autophagy, 2016, 12, 2516-2520.	9.1	40
33	Protein translocation across the endoplasmic reticulum membrane in cold-adapted organisms. Journal of Cell Science, 2003, 116, 2875-2883.	2.0	39
34	Coordination of N-Glycosylation and Protein Translocation across the Endoplasmic Reticulum Membrane by Sss1 Protein. Journal of Biological Chemistry, 2003, 278, 37998-38003.	3.4	38
35	Increased Aβ1-42 Production Sensitizes Neuroblastoma Cells for ER Stress Toxicity. Current Alzheimer Research, 2008, 5, 469-474.	1.4	36
36	The UPR reduces glucose metabolism via IRE1 signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 655-665.	4.1	34

#	Article	IF	Citations
37	Ubiquitin proteasome system as a pharmacological target in neurodegeneration. Expert Review of Neurotherapeutics, 2006, 6, 1337-1347.	2.8	26
38	Insulin deficiency results in reversible protein kinase A activation and tau phosphorylation. Neurobiology of Disease, 2017, 103, 163-173.	4.4	26
39	Rab6 is a Modulator of the Unfolded Protein Response: Implications for Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 28, 917-929.	2.6	25
40	Disturbed Ca2+ Homeostasis Increases Glutaminyl Cyclase Expression; Connecting Two Early Pathogenic Events in Alzheimerâ€™s Disease In Vitro. PLoS ONE, 2012, 7, e44674.	2.5	23
41	Endolysosome and Autolysosome Dysfunction in Alzheimerâ€™s Disease: Where Intracellular and Extracellular Meet. CNS Drugs, 2019, 33, 639-648.	5.9	23
42	Alternative splicing in the N-terminus of Alzheimer?s presenilin 1. Neurogenetics, 2004, 5, 223-227.	1.4	19
43	A New PERKspective on Neurodegeneration. Science Translational Medicine, 2013, 5, 206fs37.	12.4	19
44	Stability of AÎ² (1-42) peptide fibrils as consequence of environmental modifications. European Biophysics Journal, 2010, 39, 1613-1623.	2.2	18
45	Unfolded protein response activation in C9orf72 frontotemporal dementia is associated with dipeptide pathology and granulovacuolar degeneration in granule cells. Brain Pathology, 2021, 31, 163-173.	4.1	18
46	Inhibition of Endoplasmic Reticulum Associated Degradation Reduces Endoplasmic Reticulum Stress and Alters Lysosomal Morphology and Distribution. Molecules and Cells, 2013, 35, 291-297.	2.6	17
47	Unconventional secretion factor GRASP55 is increased by pharmacological unfolded protein response inducers in neurons. Scientific Reports, 2019, 9, 1567.	3.3	17
48	Growth-condition-dependent regulation of insulin-like growth factor II mRNA stability. Biochemical Journal, 1996, 318, 195-201.	3.7	15
49	The UPR in Neurodegenerative Disease: Not Just an Inside Job. Biomolecules, 2020, 10, 1090.	4.0	15
50	Activation of the unfolded protein response and granulovacuolar degeneration are not common features of human prion pathology. Acta Neuropathologica Communications, 2016, 4, 113.	5.2	11
51	Neuronâ€specific translational control shift ensures proteostatic resilience during <scp>ER</scp> stress. EMBO Journal, 2022, 41, .	7.8	11
52	Effects of Fat and Sugar, Either Consumed or Infused toward the Brain, on Hypothalamic ER Stress Markers. Frontiers in Neuroscience, 2017, 11, 270.	2.8	10
53	No evidence for cellâ€toâ€cell transmission of the unfolded protein response in cell culture. Journal of Neurochemistry, 2020, 152, 208-220.	3.9	10
54	Untangling the origin and function of granulovacuolar degeneration bodies in neurodegenerative proteinopathies. Acta Neuropathologica Communications, 2020, 8, 153.	5.2	10

#	Article	IF	Citations
55	Neuroinflammation is not a Prerequisite for Diabetes-induced Tau Phosphorylation. Frontiers in Neuroscience, 2015, 9, 432.	2.8	9
56	STOX1A induces phosphorylation of tau proteins at epitopes hyperphosphorylated in Alzheimer's disease. Neuroscience Letters, 2012, 528, 104-109.	2.1	8
57	Ubiquilin 2 Is Not Associated with Tau Pathology. PLoS ONE, 2013, 8, e76598.	2.5	8
58	Granulovacuolar degeneration bodies: red alert for neurons with MAPT/tau pathology. Autophagy, 2020, 16, 173-175.	9.1	5
59	Endoplasmic Reticulum Stress in Neurodegeneration. Focus on Structural Biology, 2009, , 111-132.	0.1	4
60	Pin1 levels are downregulated during ER stress in human neuroblastoma cells. Neurogenetics, 2007, 8, 21-27.	1.4	3
61	The Involvement of AÎ² in the Neuroinflammatory Response. , 2007, , 52-82.		1
62	Specific targeting of a highly toxic subpopulation of AÎ²42 oligomers for the treatment of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e043003.	0.8	1
63	[P2â€“203]: SPPL2B: A NOVEL PROTEIN RELATED TO TAU PATHOLOGY IN ALZHEIMER's DISEASE?. Alzheimer's and Dementia, 2017, 13, P684.	0.8	0
64	The seeding of tau pathology alters the endolysosomal system. Alzheimer's and Dementia, 2020, 16, e038117.	0.8	0
65	Neuronâ€selective induction of granulovacuolar degeneration bodies: A lysosomal stress response to tau aggregation?. Alzheimer's and Dementia, 2020, 16, e039378.	0.8	0
66	Regional tau pathology is associated with loss of synapses and reduced synaptic activity: A combined [18 F]flortaucipir, [11 C]UCBâ€‰and magnetoencephalography study. Alzheimer's and Dementia, 2020, 16, e045806.	0.8	0