Peter LÃ¶w

List of Publications by Year
in descending order

34	4,257	361413	414414
papers	citations	20 h-index	32 g-index

36	36	36	11008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	The Role of the Selective Adaptor p62 and Ubiquitin-Like Proteins in Autophagy. BioMed Research International, 2014, 2014, 1-11.	1.9	267
3	The role of ubiquitinâ€“proteasome system in ageing. General and Comparative Endocrinology, 2011, 172, 39-43.	1.8	89
4	Molecular mechanisms of developmentally programmed crinophagy in Drosophila. Journal of Cell Biology, 2018, 217, 361-374.	5.2	58
5	Spatiotemporal correlation of spinal network dynamics underlying spasms in chronic spinalized mice. ELife, 2017, 6, .	6.0	54
6	Impaired proteasomal degradation enhances autophagy via hypoxia signaling in Drosophila. BMC Cell Biology, 2013, 14, 29.	3.0	53
7	Spinal Glutamatergic Neurons Defined by EphA4 Signaling Are Essential Components of Normal Locomotor Circuits. Journal of Neuroscience, 2014, 34, 3841-3853.	3.6	51
8	Sustained Neurotransmitter Release: New Molecular Clues. European Journal of Neuroscience, 1997, 9, 2503-2511.	2.6	49
9	Locomotor deficits in a mouse model of ALS are paralleled by loss of V1-interneuron connections onto fast motor neurons. Nature Communications, 2021, 12, 3251.	12.8	38
10	Perturbation of the synaptic release machinery in hippocampal neurons by overexpression of SNAP-25 with the Semliki Forest virus vector. European Journal of Neuroscience, 1999, 11, 1981-1987.	2.6	37
11	Apocrine Secretion in Drosophila Salivary Glands: Subcellular Origin, Dynamics, and Identification of Secretory Proteins. PLoS ONE, 2014, 9, e94383.	2.5	36
12	Characterization of Microtubuleâ˜Phosphofructokinase Complex:Â Specific Effects of MgATP and Vinblastineâ€. Biochemistry, 1997, 36, 2051-2062.	2.5	33
13	Pyruvate Kinase as a Microtubule Destabilizing Factorin Vitro. Biochemical and Biophysical Research Communications, 1999, 254, 430-435.	2.1	30
14	Tubulin and microtubule are potential targets for brain hexokinase binding. FEBS Letters, 2001, 509, 81-84.	2.8	30
15	Cerebrospinal Fluid-Contacting Neurons Sense pH Changes and Motion in the Hypothalamus. Journal of Neuroscience, 2018, 38, 7713-7724.	3.6	27
16	Production of H₂O₂ in the Endoplasmic Reticulum Promotes In Vivo Disulfide Bond Formation. Antioxidants and Redox Signaling, 2012, 16, 1088-1099.	5.4	26
17	Subcellular Distribution of Components of the Ubiquitin-Proteasome System in Non-diseased Human and Rat Brain. Journal of Histochemistry and Cytochemistry, 2006, 54, 263-267.	2.5	25
18	Early delivery and prolonged treatment with nimodipine prevents the development of spasticity after spinal cord injury in mice. Science Translational Medicine, 2020, 12, .	12.4	25

#	Article	IF	Citations
19	Phosphoenolpyruvate-dependent Tubulin-Pyruvate Kinase Interaction at Different Organizational Levels. Journal of Biological Chemistry, 2003, 278, 7126-7130.	3.4	22
20	Interaction of a new bis-indol derivative, KAR-2 with tubulin and its antimitotic activity. British Journal of Pharmacology, 1997, 121, 947-954.	5.4	21
21	Ultrastructural characterization of tryptophan hydroxylase 2-specific cortical serotonergic fibers and dorsal raphe neuronal cell bodies after MDMA treatment in rat. Psychopharmacology, 2011, 213, 377-391.	3.1	21
22	The ubiquitinâ€“proteasome system in Creutzfeldtâ€“Jakob and Alzheimer disease: Intracellular redistribution of components correlates with neuronal vulnerability. Neurobiology of Disease, 2005, 19, 427-435.	4.4	20
23	The Role of Deubiquitinating Enzymes in the Various Forms of Autophagy. International Journal of Molecular Sciences, 2020, 21, 4196.	4.1	19
24	Tubulin Binding and Polymerization Promoting Properties of Tubulin Polymerization Promoting Proteins Are Evolutionarily Conserved. Biochemistry, 2017, 56, 1017-1024.	2.5	18
25	Cellular toxicity of dietary trans fatty acids and its correlation with ceramide and diglyceride accumulation. Food and Chemical Toxicology, 2019, 124, 324-335.	3.6	17
26	Prion adsorption to stainless steel is promoted by nickel and molybdenum. Journal of General Virology, 2009, 90, 2821-2828.	2.9	15
27	Ca2+-binding protein NECAB2 facilitates inflammatory pain hypersensitivity. Journal of Clinical Investigation, 2018, 128, 3757-3768.	8.2	15
28	Intraluminal hydrogen peroxide induces a permeability change of the endoplasmic reticulum membrane. FEBS Letters, 2008, 582, 4131-4136.	2.8	14
29	Sacral Spinal Cord Transection and Isolated Sacral Cord Preparation to Study Chronic Spinal Cord Injury in Adult Mice. Bio-protocol, 2018, 8, e2784.	0.4	10
30	Up- and downregulated genes in muscles that undergo developmentally programmed cell death in the insectManduca sexta. FEBS Letters, 2005, 579, 4943-4948.	2.8	6
31	Decreased Nuclear Ascorbate Accumulation Accompanied with Altered Genomic Methylation Pattern in Fibroblasts from Arterial Tortuosity Syndrome Patients. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	4.0	4
32	Different Metabolism and Toxicity of TRANS Fatty Acids, Elaidate and Vaccenate Compared to Cis-Oleate in HepG2 Cells. International Journal of Molecular Sciences, 2022, 23, 7298.	4.1	4
33	The Role of Proteasome in Apoptosis. , 2006, , 273-293.		0
34	Science, ethics, responsibility and COVID-19. Biologia Futura, 2021, 72, 101-102.	1.4	0