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	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
2	Science, ethics, responsibility and COVID-19. Biologia Futura, 2021, 72, 101-102.	1.4	0
3	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
4	The Role of Deubiquitinating Enzymes in the Various Forms of Autophagy. International Journal of Molecular Sciences, 2020, 21, 4196.	4.1	19
5	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
6	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
7	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
8	Molecular mechanisms of developmentally programmed crinophagy in Drosophila. Journal of Cell Biology, 2018, 217, 361-374.	5.2	58
9	Cerebrospinal Fluid-Contacting Neurons Sense pH Changes and Motion in the Hypothalamus. Journal of Neuroscience, 2018, 38, 7713-7724.	3.6	27
10	Ca2+-binding protein NECAB2 facilitates inflammatory pain hypersensitivity. Journal of Clinical Investigation, 2018, 128, 3757-3768.	8.2	15
11	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
12	Tubulin Binding and Polymerization Promoting Properties of Tubulin Polymerization Promoting Proteins Are Evolutionarily Conserved. Biochemistry, 2017, 56, 1017-1024.	2.5	18
13	Spatiotemporal correlation of spinal network dynamics underlying spasms in chronic spinalized mice. ELife, 2017, 6, .	6.0	54
14	Apocrine Secretion in Drosophila Salivary Glands: Subcellular Origin, Dynamics, and Identification of Secretory Proteins. PLoS ONE, 2014, 9, e94383.	2.5	36
15	The Role of the Selective Adaptor p62 and Ubiquitin-Like Proteins in Autophagy. BioMed Research International, 2014, 2014, 1-11.	1.9	267
16	Spinal Glutamatergic Neurons Defined by EphA4 Signaling Are Essential Components of Normal Locomotor Circuits. Journal of Neuroscience, 2014, 34, 3841-3853.	3.6	51
17	Impaired proteasomal degradation enhances autophagy via hypoxia signaling in Drosophila. BMC Cell Biology, 2013, 14, 29.	3.0	53
18	Production of H₂O₂ in the Endoplasmic Reticulum Promotes In Vivo Disulfide Bond Formation. Antioxidants and Redox Signaling, 2012, 16, 1088-1099.	5.4	26

#	Article	IF	Citations
19	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
20	The role of ubiquitinâ€“proteasome system in ageing. General and Comparative Endocrinology, 2011, 172, 39-43.	1.8	89
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	Prion adsorption to stainless steel is promoted by nickel and molybdenum. Journal of General Virology, 2009, 90, 2821-2828.	2.9	15
23	Intraluminal hydrogen peroxide induces a permeability change of the endoplasmic reticulum membrane. FEBS Letters, 2008, 582, 4131-4136.	2.8	14
24	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
25	The Role of Proteasome in Apoptosis. , 2006, , 273-293.		0
26	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
27	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
28	Phosphoenolpyruvate-dependent Tubulin-Pyruvate Kinase Interaction at Different Organizational Levels. Journal of Biological Chemistry, 2003, 278, 7126-7130.	3.4	22
29	Tubulin and microtubule are potential targets for brain hexokinase binding. FEBS Letters, 2001, 509, 81-84.	2.8	30
30	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
31	Pyruvate Kinase as a Microtubule Destabilizing Factorin Vitro. Biochemical and Biophysical Research Communications, 1999, 254, 430-435.	2.1	30
32	Characterization of Microtubuleâ^'Phosphofructokinase Complex:Â Specific Effects of MgATP and Vinblastineâ€. Biochemistry, 1997, 36, 2051-2062.	2.5	33
33	Sustained Neurotransmitter Release: New Molecular Clues. European Journal of Neuroscience, 1997, 9, 2503-2511.	2.6	49
34	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