Wolfdieter Springer

List of Publications by Year
in descending order

38	12,520	236925	377865
papers	citations	25 h-index	34 g-index

40	40	40	24506
all docs	docs citations	times ranked	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	PINK1/Parkin-mediated mitophagy is dependent on VDAC1 and p62/SQSTM1. Nature Cell Biology, 2010, 12, 119-131.	10.3	2,360
4	The PINK1/Parkin-mediated mitophagy is compromised by PD-associated mutations. Autophagy, 2010, 6, 871-878.	9.1	267
5	Autophagy in Parkinson's Disease. Journal of Molecular Biology, 2020, 432, 2651-2672.	4.2	206
6	PINK1, Parkin, and Mitochondrial Quality Control: What can we Learn about Parkinsonâ€™s Disease Pathobiology?. Journal of Parkinson's Disease, 2017, 7, 13-29.	2.8	175
7	Regulation of PINK1-Parkin-mediated mitophagy. Autophagy, 2011, 7, 266-278.	9.1	158
8	(Pathoâ€)physiological relevance of <scp>PINK</scp> 1â€dependent ubiquitin phosphorylation. EMBO Reports, 2015, 16, 1114-1130.	4.5	147
9	PINK1 Primes Parkin-Mediated Ubiquitination of PARIS in Dopaminergic Neuronal Survival. Cell Reports, 2017, 18, 918-932.	6.4	141
10	Heterozygous PINK1 p.G411S increases risk of Parkinsonâ€™s disease via a dominant-negative mechanism. Brain, 2017, 140, 98-117.	7.6	116
11	Alpha-synuclein-induced mitochondrial dysfunction is mediated via a sirtuin 3-dependent pathway. Molecular Neurodegeneration, 2020, 15, 5.	10.8	112
12	miR-27a and miR-27b regulate autophagic clearance of damaged mitochondria by targeting PTEN-induced putative kinase 1 (PINK1). Molecular Neurodegeneration, 2016, 11, 55.	10.8	106
13	The AMPKâ€“Parkin axis negatively regulates necroptosis and tumorigenesis by inhibiting the necrosome. Nature Cell Biology, 2019, 21, 940-951.	10.3	102
14	Phosphorylation by PINK1 Releases the UBL Domain and Initializes the Conformational Opening of the E3 Ubiquitin Ligase Parkin. PLoS Computational Biology, 2014, 10, e1003935.	3.2	95
15	Age- and disease-dependent increase of the mitophagy marker phospho-ubiquitin in normal aging and Lewy body disease. Autophagy, 2018, 14, 1404-1418.	9.1	87
16	Structural and Functional Impact of Parkinson Disease-Associated Mutations in the E3 Ubiquitin Ligase Parkin. Human Mutation, 2015, 36, 774-786.	2.5	69
17	Select E2 enzymes differentially regulate parkin activation and mitophagy. Journal of Cell Science, 2014, 127, 3488-504.	2.0	65
18	The PINK1 p.I368N mutation affects protein stability and ubiquitin kinase activity. Molecular Neurodegeneration, 2017, 12, 32.	10.8	62

#	Article	IF	Citations
19	Mitochondrial targeting sequence variants of the CHCHD2 gene are a risk for Lewy body disorders. Neurology, 2015, 85, 2016-2025.	1.1	51
20	Akt Phosphorylates NQO1 and Triggers its Degradation, Abolishing Its Antioxidative Activities in Parkinson's Disease. Journal of Neuroscience, 2019, 39, 7291-7305.	3.6	50
21	Activation of the E3 ubiquitin ligase Parkin. Biochemical Society Transactions, 2015, 43, 269-274.	3.4	45
22	Early-onset Parkinson's disease due to PINK1 p.Q456X mutation â€“ Clinical and functional study. Parkinsonism and Related Disorders, 2014, 20, 1274-1278.	2.2	41
23	Mitochondrial targeted HSP90 inhibitor Gamitrinib-TPP (G-TPP) induces PINK1/Parkin-dependent mitophagy. Oncotarget, 2017, 8, 106233-106248.	1.8	41
24	Hexokinases link DJ-1 to the PINK1/parkin pathway. Molecular Neurodegeneration, 2017, 12, 70.	10.8	40
25	Mitophagy alterations in Alzheimer's disease are associated with granulovacuolar degeneration and early tau pathology. Alzheimer's and Dementia, 2021, 17, 417-430.	0.8	34
26	Sensitive ELISA-based detection method for the mitophagy marker p-S65-Ub in human cells, autopsy brain, and blood samples. Autophagy, 2021, 17, 2613-2628.	9.1	29
27	Three families with Perry syndrome from distinct parts of the world. Parkinsonism and Related Disorders, 2014, 20, 884-888.	2.2	24
28	Disease relevance of phosphorylated ubiquitin (p-S65-Ub). Autophagy, 2015, 11, 2125-2126.	9.1	23
29	Genetic variation of the retromer subunits VPS26A/B-VPS29 in Parkinson's disease. Neurobiology of Aging, 2014, 35, 1958.e1-1958.e2.	3.1	19
30	Screening non-MAPT genes of the Chr17q21 H1 haplotype in Parkinson's disease. Parkinsonism and Related Disorders, 2020, 78, 138-144.	2.2	12
31	Early-Onset Parkinson Disease Screening in Patients From Nigeria. Frontiers in Neurology, 2020, 11, 594927.	2.4	5
32	Non-radioactive in vitro PINK1 Kinase Assays Using Ubiquitin or Parkin as Substrate. Bio-protocol, 2016, 6, .	0.4	5
33	Cathepsin B p.Gly284Val Variant in Parkinsonâ€™s Disease Pathogenesis. International Journal of Molecular Sciences, 2022, 23, 7086.	4.1	5
34	Reply: Heterozygous PINK1 p.G411S in rapid eye movement sleep behaviour disorder. Brain, 2017, 140, e33-e33.	7.6	2
35	The PINK1 p.I368N Mutation Affects Protein Stability and Kinase Activity with Its Structural Change. Juntendo Medical Journal, 2018, 64, 17-30.	0.1	0
36	Parkin. , 2016, , 1-9.		0

#	Article	IF	Citations
37	Parkin. , 2017, , 1-9.		0
38	Parkin. , 2018, , 3786-3794.		0