Fabienne C Fiesel

List of Publications by Year
in descending order

43 papers	9,938 citations	159585 30 h-index	315739 38 g-index
43 all docs	43 docs citations	43 times ranked	20276 citing authors

#	Article	IF	Citations
1	Cathepsin B p.Gly284Val Variant in Parkinsonâ€™s Disease Pathogenesis. International Journal of Molecular Sciences, 2022, 23, 7086.	4.1	5
2	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
3	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
4	Autophagy in Parkinson's Disease. Journal of Molecular Biology, 2020, 432, 2651-2672.	4.2	206
5	Alpha-synuclein-induced mitochondrial dysfunction is mediated via a sirtuin 3-dependent pathway. Molecular Neurodegeneration, 2020, 15, 5.	10.8	112
6	Early-Onset Parkinson Disease Screening in Patients From Nigeria. Frontiers in Neurology, 2020, 11, 594927.	2.4	5
7	The AMPKâ€“Parkin axis negatively regulates necroptosis and tumorigenesis by inhibiting the necrosome. Nature Cell Biology, 2019, 21, 940-951.	10.3	102
8	Distinct Missense Mutations of the Parkinson's Diseaseâ€Related Ubiquitin Kinase PINK1 Alter Autoâ€•or Substrateâ€Phosphorylation. FASEB Journal, 2019, 33, lb329.	0.5	0
9	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
10	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
11	Parkin. , 2018, , 3786-3794.		0
12	PINK1 Primes Parkin-Mediated Ubiquitination of PARIS in Dopaminergic Neuronal Survival. Cell Reports, 2017, 18, 918-932.	6.4	141
13	The PINK1 p.I368N mutation affects protein stability and ubiquitin kinase activity. Molecular Neurodegeneration, 2017, 12, 32.	10.8	62
14	Reply: Heterozygous PINK1 p.G411S in rapid eye movement sleep behaviour disorder. Brain, 2017, 140, e33-e33.	7.6	2
15	Heterozygous PINK1 p.G411S increases risk of Parkinsonâ€™s disease via a dominant-negative mechanism. Brain, 2017, 140, 98-117.	7.6	116
16	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
17	Hexokinases link DJ-1 to the PINK1/parkin pathway. Molecular Neurodegeneration, 2017, 12, 70.	10.8	40
18	Mitochondrial targeted HSP90 inhibitor Gamitrinib-TPP (G-TPP) induces PINK1/Parkin-dependent mitophagy. Oncotarget, 2017, 8, 106233-106248.	1.8	41

#	Article	IF	Citations
19	Parkin. , 2017, , 1-9.		0
20	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
21	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
22	Non-radioactive in vitro PINK1 Kinase Assays Using Ubiquitin or Parkin as Substrate. Bio-protocol, 2016, 6, .	0.4	5
23	Parkin. , 2016, , 1-9.		0
24	Activation of the E3 ubiquitin ligase Parkin. Biochemical Society Transactions, 2015, 43, 269-274.	3.4	45
25	(Pathoâ€)physiological relevance of <scp>PINK</scp> 1â€dependent ubiquitin phosphorylation. EMBO Reports, 2015, 16, 1114-1130.	4.5	147
26	Mitochondrial targeting sequence variants of the <i>CHCHD2</i> gene are a risk for Lewy body disorders. Neurology, 2015, 85, 2016-2025.	1.1	51
27	Structural and Functional Impact of Parkinson Disease-Associated Mutations in the E3 Ubiquitin Ligase Parkin. Human Mutation, 2015, 36, 774-786.	2.5	69
28	Disease relevance of phosphorylated ubiquitin (p-S65-Ub). Autophagy, 2015, 11, 2125-2126.	9.1	23
29	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
30	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
31	Select E2 enzymes differentially regulate parkin activation and mitophagy. Journal of Cell Science, 2014, 127, 3488-504.	2.0	65
32	UBE2E Ubiquitin-conjugating Enzymes and Ubiquitin Isopeptidase Y Regulate TDP-43 Protein Ubiquitination. Journal of Biological Chemistry, 2014, 289, 19164-19179.	3.4	62
33	Three families with Perry syndrome from distinct parts of the world. Parkinsonism and Related Disorders, 2014, 20, 884-888.	2.2	24
34	TDP-43 regulates global translational yield by splicing of exon junction complex component SKAR. Nucleic Acids Research, 2012, 40, 2668-2682.	14.5	83
35	TDPâ€43 and FUS/TLS: cellular functions and implications for neurodegeneration. FEBS Journal, 2011, 278, 3550-3568.	4.7	58
36	TDP-43 knockdown impairs neurite outgrowth dependent on its target histone deacetylase 6. Molecular Neurodegeneration, 2011, 6, 64.	10.8	55

#	Article	IF	Citations
37	Parkinsonâ€™s disease-associated DJ-1 modulates innate immunity signaling in Caenorhabditis elegans. Journal of Neural Transmission, 2010, 117, 599-604.	2.8	30
38	Modulation of mitochondrial function and morphology by interaction of Omi/HtrA2 with the mitochondrial fusion factor OPA1. Experimental Cell Research, 2010, 316, 1213-1224.	2.6	57
39	Knockdown of transactive response DNA-binding protein (TDP-43) downregulates histone deacetylase 6. EMBO Journal, 2010, 29, 209-221.	7.8	200
40	PINK1/Parkin-mediated mitophagy is dependent on VDAC1 and p62/SQSTM1. Nature Cell Biology, 2010, 12, 119-131.	10.3	2,360
41	TDP-43-Mediated Neuron Loss In Vivo Requires RNA-Binding Activity. PLoS ONE, 2010, 5, e12247.	2.5	166
42	The PINK1/Parkin-mediated mitophagy is compromised by PD-associated mutations. Autophagy, 2010, 6, 871-878.	9.1	267
43	Parkin protects against tyrosinaseâ€mediated dopamine neurotoxicity by suppressing stressâ€activated protein kinase pathways. Journal of Neurochemistry, 2008, 105, 1700-1715.	3.9	71