Chinmoy Sarkar

List of Publications by Year
in descending order

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24 papers	1,470 citations	516710 16 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	4058 citing authors

#	Article	IF	Citations
1	Impaired autophagy flux is associated with neuronal cell death after traumatic brain injury. Autophagy, 2014, 10, 2208-2222.	9.1	256
2	Function and Mechanisms of Autophagy in Brain and Spinal Cord Trauma. Antioxidants and Redox Signaling, 2015, 23, 565-577.	5.4	164
3	Activation of the Mitf promoter by lipid-stimulated activation of p38-stress signalling to CREB. Pigment Cell & Melanoma Research, 2006, 19, 595-605.	3.6	147
4	Palmitoyl protein thioesterase-1 deficiency impairs synaptic vesicle recycling at nerve terminals, contributing to neuropathology in humans and mice. Journal of Clinical Investigation, 2008, 118, 3075-3086.	8.2	109
5	Lysosomal damage after spinal cord injury causes accumulation of RIPK1 and RIPK3 proteins and potentiation of necroptosis. Cell Death and Disease, 2018, 9, 476.	6.3	103
6	Altered TFEB-mediated lysosomal biogenesis in Gaucher disease iPSC-derived neuronal cells. Human Molecular Genetics, 2015, 24, 5775-5788.	2.9	102
7	PLA2G4A/cPLA2-mediated lysosomal membrane damage leads to inhibition of autophagy and neurodegeneration after brain trauma. Autophagy, 2020, 16, 466-485.	9.1	95
8	Human placental lipid induces melanogenesis through p38 MAPK in B16F10 mouse melanoma. Pigment Cell & Melanoma Research, 2005, 18, 113-121.	3.6	69
9	Neuroprotection and lifespan extension in Ppt1âˆ’/âˆ’ mice by NtBuHA: therapeutic implications for INCL. Nature Neuroscience, 2013, 16, 1608-1617.	14.8	61
10	Human placental lipid induces melanogenesis by increasing the expression of tyrosinase and its related proteins in vitro. Pigment Cell & Melanoma Research, 2005, 18, 25-33.	3.6	59
11	Stop codon read-through with PTC124 induces palmitoyl-protein thioesterase-1 activity, reduces thioester load and suppresses apoptosis in cultured cells from INCL patients. Molecular Genetics and Metabolism, 2011, 104, 338-345.	1.1	56
12	The blood-brain barrier is disrupted in a mouse model of infantile neuronal ceroid lipofuscinosis: amelioration by resveratrol. Human Molecular Genetics, 2012, 21, 2233-2244.	2.9	52
13	cPLA2 activation contributes to lysosomal defects leading to impairment of autophagy after spinal cord injury. Cell Death and Disease, 2019, 10, 531.	6.3	35
14	The PARK10 gene USP24 is a negative regulator of autophagy and ULK1 protein stability. Autophagy, 2020, 16, 140-153.	9.1	30
15	RAGE signaling contributes to neuroinflammation in infantile neuronal ceroid lipofuscinosis. FEBS Letters, 2008, 582, 3823-3831.	2.8	25
16	Cln1gene disruption in mice reveals a common pathogenic link between two of the most lethal childhood neurodegenerative lysosomal storage disorders. Human Molecular Genetics, 2015, 24, 5416-5432.	2.9	25
17	N-Acetyl-l-leucine improves functional recovery and attenuates cortical cell death and neuroinflammation after traumatic brain injury in mice. Scientific Reports, 2021, 11, 9249.	3.3	20
18	Cln1 â€mutations suppress Rab7â€RILP interaction and impair autophagy contributing to neuropathology in a mouse model of infantile neuronal ceroid lipofuscinosis. Journal of Inherited Metabolic Disease, 2020, 43, 1082-1101.	3.6	16

#	Article	IF	Citations
19	Human placental protein/peptides stimulate melanin synthesis by enhancing tyrosinase gene expression. Molecular and Cellular Biochemistry, 2006, 285, 133-142.	3.1	11
20	Transcriptional activation of tyrosinase gene by human placental sphingolipid. Glycoconjugate Journal, 2006, 23, 259-268.	2.7	10
21	Detection and Structural Characterization of Ether Glycerophosphoethanolamine from Cortical Lysosomes Following Traumatic Brain Injury Using UPLCâ€HDMS^E. Proteomics, 2019, 19, e1800297.	2.2	9
22	Structure-specific, accurate quantitation of plasmalogen glycerophosphoethanolamine. Analytica Chimica Acta, 2021, 1186, 339088.	5.4	8
23	N-acetyl-L-leucine: a promising treatment option for traumatic brain injury. Neural Regeneration Research, 2022, 17, 1957.	3.0	4
24	Impaired lysosomal maturation of proâ€cathepsin D to active cathepsin D in a childhood neurodegenerative lysosomal storage disease. FASEB Journal, 2012, 26, 956.6.	0.5	0