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	N-acetyl-L-leucine: a promising treatment option for traumatic brain injury. Neural Regeneration Research, 2022, 17, 1957.	3.0	4
2	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
3	Structure-specific, accurate quantitation of plasmalogen glycerophosphoethanolamine. Analytica Chimica Acta, 2021, 1186, 339088.	5.4	8
4	PLA2G4A/cPLA2-mediated lysosomal membrane damage leads to inhibition of autophagy and neurodegeneration after brain trauma. Autophagy, 2020, 16, 466-485.	9.1	95
5	The PARK10 gene USP24 is a negative regulator of autophagy and ULK1 protein stability. Autophagy, 2020, 16, 140-153.	9.1	30
6	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
7	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
8	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
9	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
10	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
11	Altered TFEB-mediated lysosomal biogenesis in Gaucher disease iPSC-derived neuronal cells. Human Molecular Genetics, 2015, 24, 5775-5788.	2.9	102
12	Function and Mechanisms of Autophagy in Brain and Spinal Cord Trauma. Antioxidants and Redox Signaling, 2015, 23, 565-577.	5.4	164
13	Impaired autophagy flux is associated with neuronal cell death after traumatic brain injury. Autophagy, 2014, 10, 2208-2222.	9.1	256
14	Neuroprotection and lifespan extension in Ppt1â^'/â^' mice by NtBuHA: therapeutic implications for INCL. Nature Neuroscience, 2013, 16, 1608-1617.	14.8	61
15	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
16	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
17	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
18	RAGE signaling contributes to neuroinflammation in infantile neuronal ceroid lipofuscinosis. FEBS Letters, 2008, 582, 3823-3831.	2.8	25

#	Article	IF	Citations
19	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
20	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
21	Transcriptional activation of tyrosinase gene by human placental sphingolipid. Glycoconjugate Journal, 2006, 23, 259-268.	2.7	10
22	Human placental protein/peptides stimulate melanin synthesis by enhancing tyrosinase gene expression. Molecular and Cellular Biochemistry, 2006, 285, 133-142.	3.1	11
23	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
24	Human placental lipid induces melanogenesis through p38 MAPK in B16F10 mouse melanoma. Pigment Cell & Melanoma Research, 2005, 18, 113-121.	3.6	69