Vinay Choubey

List of Publications by Year in descending order

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29	9,731	304743 22	552781 26
papers	citations	h-index	g-index

29	29	29	22354
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	PGC-1Î± and PGC-1Î² Regulate Mitochondrial Density in Neurons. Journal of Biological Chemistry, 2009, 284, 21379-21385.	3.4	256
4	Mutant A53T Î±-Synuclein Induces Neuronal Death by Increasing Mitochondrial Autophagy. Journal of Biological Chemistry, 2011, 286, 10814-10824.	3.4	226
5	Apoptosis in liver during malaria: role of oxidative stress and implication of mitochondrial pathway. FASEB Journal, 2006, 20, 1224-1226.	0.5	166
6	Antimalarial drugs inhibiting hemozoin (Î²-hematin) formation: A mechanistic update. Life Sciences, 2007, 80, 813-828.	4.3	151
7	Principles of the mitochondrial fusion and fission cycle in neurons. Journal of Cell Science, 2013, 126, 2187-97.	2.0	118
8	Role of Mitochondrial Dynamics in Neuronal Development: Mechanism for Wolfram Syndrome. PLoS Biology, 2016, 14, e1002511.	5.6	101
9	BECN1 is involved in the initiation of mitophagy. Autophagy, 2014, 10, 1105-1119.	9.1	92
10	Miro proteins prime mitochondria for Parkin translocation and mitophagy. EMBO Journal, 2019, 38, .	7.8	87
11	Melatonin inhibits free radical-mediated mitochondrial-dependent hepatocyte apoptosis and liver damage induced during malarial infection. Journal of Pineal Research, 2007, 43, 372-381.	7.4	86
12	Ethosuximide Induces Hippocampal Neurogenesis and Reverses Cognitive Deficits in an Amyloid-Î² Toxin-induced Alzheimer Rat Model via the Phosphatidylinositol 3-Kinase (PI3K)/Akt/Wnt/Î²-Catenin Pathway. Journal of Biological Chemistry, 2015, 290, 28540-28558.	3.4	74
13	Mitochondrial biogenesis is required for axonal growth. Development (Cambridge), 2016, 143, 1981-92.	2.5	67
14	Activation of Autophagic Flux against Xenoestrogen Bisphenol-A-induced Hippocampal Neurodegeneration via AMP kinase (AMPK)/Mammalian Target of Rapamycin (mTOR) Pathways. Journal of Biological Chemistry, 2015, 290, 21163-21184.	3.4	66
15	Inhibition of Plasmodium falciparum Choline Kinase by Hexadecyltrimethylammonium Bromide: a Possible Antimalarial Mechanism. Antimicrobial Agents and Chemotherapy, 2007, 51, 696-706.	3.2	64
16	Bilirubin inhibits Plasmodium falciparum growth through the generation of reactive oxygen species. Free Radical Biology and Medicine, 2008, 44, 602-613.	2.9	60
17	Antiplasmodial Activity of [(Aryl)arylsulfanylmethyl]Pyridine. Antimicrobial Agents and Chemotherapy, 2008, 52, 705-715.	3.2	51
18	Lansoprazole Protects and Heals Gastric Mucosa from Non-steroidal Anti-inflammatory Drug (NSAID)-induced Gastropathy by Inhibiting Mitochondrial as Well as Fas-mediated Death Pathways with Concurrent Induction of Mucosal Cell Renewal. Journal of Biological Chemistry, 2008, 283, 14391-14401.	3.4	51

#	Article	IF	Citations
19	Molecular Mechanisms and Regulation of Mammalian Mitophagy. Cells, 2022, 11, 38.	4.1	45
20	Mitochondrial Swelling Impairs the Transport of Organelles in Cerebellar Granule Neurons. Journal of Biological Chemistry, 2007, 282, 32821-32826.	3.4	41
21	Molecular characterization and localization of Plasmodium falciparum choline kinase. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 1027-1038.	2.4	37
22	A novel role of KEAP1/PGAM5 complex: ROS sensor for inducing mitophagy. Redox Biology, 2021, 48, 102186.	9.0	36
23	Mitochondrial transport proteins RHOT1 and RHOT2 serve as docking sites for PRKN-mediated mitophagy. Autophagy, 2019, 15, 930-931.	9.1	14
24	Overexpression, purification and localization of apoptosis related protein from Plasmodium falciparum. Protein Expression and Purification, 2007, 52, 363-372.	1.3	12
25	Negative feedback system to maintain cell ROS homeostasis: KEAP1-PGAM5 complex senses mitochondrially generated ROS to induce mitophagy. Autophagy, 2022, 18, 2249-2251.	9.1	5
26	Wolfram syndrome 1: from ER stress to impaired mitochondrial dynamics and neuronal development. SpringerPlus, 2015, 4, .	1.2	2
27	Miro1 overexpression protects against Î±-synuclein-induced mitochondrial loss in neuronal culture. SpringerPlus, 2015, 4, .	1.2	0
28	Mitochondrial biogenesis is rate limiting-factor for axonal growth. SpringerPlus, 2015, 4, .	1.2	0
29	Mitochondrial biogenesis is required for axonal growth. Journal of Cell Science, 2016, 129, e1.2-e1.2.	2.0	0