

Roshan Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4968194/publications.pdf>

Version: 2024-02-01

10
papers

298
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	HIF-2 α activation potentiates oxidative cell death in colorectal cancers by increasing cellular iron. Journal of Clinical Investigation, 2021, 131, .	8.2	105
2	S-nitrosylation of UCHL1 induces its structural instability and promotes α -synuclein aggregation. Scientific Reports, 2017, 7, 44558.	3.3	49
3	Regulation of the redox metabolome and thiol proteome by hydrogen sulfide. Critical Reviews in Biochemistry and Molecular Biology, 2021, 56, 221-235.	5.2	33
4	A redox cycle with complex II prioritizes sulfide quinone oxidoreductase-dependent H ₂ S oxidation. Journal of Biological Chemistry, 2022, 298, 101435.	3.4	28
5	The mitochondrial NADH pool is involved in hydrogen sulfide signaling and stimulation of aerobic glycolysis. Journal of Biological Chemistry, 2021, 296, 100736.	3.4	24
6	Amyloid aggregates of the deubiquitinase OTUB1 are neurotoxic, suggesting that they contribute to the development of Parkinson's disease. Journal of Biological Chemistry, 2020, 295, 3466-3484.	3.4	17
7	Hydrogen sulfide stimulates lipid biogenesis from glutamine that is dependent on the mitochondrial NAD(P)H pool. Journal of Biological Chemistry, 2021, 297, 100950.	3.4	15
8	A Metabolic Paradigm for Hydrogen Sulfide Signaling <i>via</i> Electron Transport Chain Plasticity. Antioxidants and Redox Signaling, 2023, 38, 57-67.	5.4	13
9	Gas regulation of complex II reversal via electron shunting to fumarate in the mammalian ETC. Trends in Biochemical Sciences, 2022, 47, 689-698.	7.5	8
10	S-Nitrosylation of OTUB1 Alters Its Stability and Ubc13 Binding. ACS Chemical Neuroscience, 2022, 13, 1517-1525.	3.5	5