

Salvatore Rizza

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

478
citations

12
h-index

21
g-index

34
ext. papers

651
ext. citations

8
avg. IF

3.97
L-index

#	Paper	IF	Citations
31	-nitrosylation drives cell senescence and aging in mammals by controlling mitochondrial dynamics and mitophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E3388-E3397	11.5	88
30	S-nitrosylation of the Mitochondrial Chaperone TRAP1 Sensitizes Hepatocellular Carcinoma Cells to Inhibitors of Succinate Dehydrogenase. <i>Cancer Research</i> , 2016 , 76, 4170-82	10.1	44
29	Glutamine deprivation enhances antitumor activity of 3-bromopyruvate through the stabilization of monocarboxylate transporter-1. <i>Cancer Research</i> , 2012 , 72, 4526-36	10.1	40
28	S-nitrosoglutathione reductase deficiency-induced S-nitrosylation results in neuromuscular dysfunction. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 570-87	8.4	36
27	Chronicles of a reductase: Biochemistry, genetics and physio-pathological role of GSNOR. <i>Free Radical Biology and Medicine</i> , 2017 , 110, 19-30	7.8	31
26	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. <i>Nature</i> , 2021 , 592, 799-803	50.4	24
25	Established Principles and Emerging Concepts on the Interplay between Mitochondrial Physiology and S-(De)nitrosylation: Implications in Cancer and Neurodegeneration. <i>International Journal of Cell Biology</i> , 2012 , 2012, 361872	2.6	23
24	To eat, or NOT to eat: S-nitrosylation signaling in autophagy. <i>FEBS Journal</i> , 2016 , 283, 3857-3869	5.7	22
23	Use of Computational Biochemistry for Elucidating Molecular Mechanisms of Nitric Oxide Synthase. <i>Computational and Structural Biotechnology Journal</i> , 2019 , 17, 415-429	6.8	16
22	Denitrosylate and live longer: how ADH5/GSNOR links mitophagy to aging. <i>Autophagy</i> , 2018 , 14, 1285-1287	18.2	15
21	Loss of Ambra1 promotes melanoma growth and invasion. <i>Nature Communications</i> , 2021 , 12, 2550	17.4	14
20	When -Nitrosylation Gets to Mitochondria: From Signaling to Age-Related Diseases. <i>Antioxidants and Redox Signaling</i> , 2020 , 32, 884-905	8.4	12
19	S-nitrosylation affects TRAP1 structure and ATPase activity and modulates cell response to apoptotic stimuli. <i>Biochemical Pharmacology</i> , 2020 , 176, 113869	6	11
18	Role, Targets and Regulation of (de)nitrosylation in Malignancy. <i>Frontiers in Oncology</i> , 2018 , 8, 334	5.3	11
17	Redox activation of ATM enhances GSNOR translation to sustain mitophagy and tolerance to oxidative stress. <i>EMBO Reports</i> , 2021 , 22, e50500	6.5	11
16	S-Nitrosoglutathione Reductase Plays Opposite Roles in SH-SY5Y Models of Parkinson's Disease and Amyotrophic Lateral Sclerosis. <i>Mediators of Inflammation</i> , 2015 , 2015, 536238	4.3	10
15	Tumor Suppressor Roles of the Denitrosylase GSNOR. <i>Critical Reviews in Oncogenesis</i> , 2016 , 21, 433-445	1.3	10

14	S-nitrosation and ubiquitin-proteasome system interplay in neuromuscular disorders. <i>International Journal of Cell Biology</i> , 2014 , 2014, 428764	2.6	9
13	nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. <i>Cell Death and Disease</i> , 2019 , 10, 354	9.8	8
12	Mitophagy contributes to alpha-tocopheryl succinate toxicity in GSNOR-deficient hepatocellular carcinoma. <i>Biochemical Pharmacology</i> , 2020 , 176, 113885	6	7
11	A mild form of adenylosuccinate lyase deficiency in absence of typical brain MRI features diagnosed by whole exome sequencing. <i>Italian Journal of Pediatrics</i> , 2017 , 43, 65	3.2	7
10	Apaf1-deficient cortical neurons exhibit defects in axonal outgrowth. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 4173-91	10.3	5
9	Re: "Regulation of S-Nitrosylation in Aging and Senescence" by Larrick and Mendelsohn (Rejuvenation Res 2019;22:171-174). <i>Rejuvenation Research</i> , 2019 , 22, 359-361	2.6	4
8	Prolonged Pseudohypoxia Targets Ambra1 mRNA to P-Bodies for Translational Repression. <i>PLoS ONE</i> , 2015 , 10, e0129750	3.7	4
7	Exploiting S-nitrosylation for cancer therapy: facts and perspectives. <i>Biochemical Journal</i> , 2020 , 477, 3649-3672	3.8	4
6	TRAP1: A Metabolic Hub Linking Aging Pathophysiology to Mitochondrial -Nitrosylation. <i>Frontiers in Physiology</i> , 2020 , 11, 340	4.6	3
5	Screening of metabolic modulators identifies new strategies to target metabolic reprogramming in melanoma. <i>Scientific Reports</i> , 2021 , 11, 4390	4.9	3
4	Therapeutic Aspects of Protein Denitrosylation 2019 , 173-189		1
3	c-FLIP regulates autophagy by interacting with Beclin-1 and influencing its stability. <i>Cell Death and Disease</i> , 2021 , 12, 686	9.8	1
2	Redox proteome analysis of auranofin exposed ovarian cancer cells (A2780).. <i>Redox Biology</i> , 2022 , 52, 102294	11.3	1
1	Autophagy guards tendon homeostasis.. <i>Cell Death and Disease</i> , 2022 , 13, 402	9.8	0