

Salvatore Rizza

List of Publications by Year in descending order

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papers

785
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516710
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34
docs citations

34
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>S</i> -nitrosylation drives cell senescence and aging in mammals by controlling mitochondrial dynamics and mitophagy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3388-E3397.	7.1	128
2	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. Nature, 2021, 592, 799-803.	27.8	78
3	<i>S</i> -nitrosylation of the Mitochondrial Chaperone TRAP1 Sensitizes Hepatocellular Carcinoma Cells to Inhibitors of Succinate Dehydrogenase. Cancer Research, 2016, 76, 4170-4182.	0.9	64
4	Chronicles of a reductase: Biochemistry, genetics and physio-pathological role of GSNOR. Free Radical Biology and Medicine, 2017, 110, 19-30.	2.9	45
5	Glutamine Deprivation Enhances Antitumor Activity of 3-Bromopyruvate through the Stabilization of Monocarboxylate Transporter-1. Cancer Research, 2012, 72, 4526-4536.	0.9	44
6	<i>S</i> -Nitrosogluthathione Reductase Deficiency-Induced <i>S</i> -Nitrosylation Results in Neuromuscular Dysfunction. Antioxidants and Redox Signaling, 2014, 21, 570-587.	5.4	42
7	To eat, or NOt to eat: <i>S</i> -nitrosylation signaling in autophagy. FEBS Journal, 2016, 283, 3857-3869.	4.7	37
8	Loss of Ambra1 promotes melanoma growth and invasion. Nature Communications, 2021, 12, 2550.	12.8	30
9	Redox activation of ATM enhances GSNOR translation to sustain mitophagy and tolerance to oxidative stress. EMBO Reports, 2021, 22, e50500.	4.5	30
10	Established Principles and Emerging Concepts on the Interplay between Mitochondrial Physiology and <i>S</i> -(De)nitrosylation: Implications in Cancer and Neurodegeneration. International Journal of Cell Biology, 2012, 2012, 1-20.	2.5	27
11	Denitrosylate and live longer: how ADH5/GSNOR links mitophagy to aging. Autophagy, 2018, 14, 1285-1287.	9.1	21
12	Use of Computational Biochemistry for Elucidating Molecular Mechanisms of Nitric Oxide Synthase. Computational and Structural Biotechnology Journal, 2019, 17, 415-429.	4.1	21
13	When <i>S</i> -Nitrosylation Gets to Mitochondria: From Signaling to Age-Related Diseases. Antioxidants and Redox Signaling, 2020, 32, 884-905.	5.4	20
14	Redox proteome analysis of auranofin exposed ovarian cancer cells (A2780). Redox Biology, 2022, 52, 102294.	9.0	20
15	S-nitrosylation affects TRAP1 structure and ATPase activity and modulates cell response to apoptotic stimuli. Biochemical Pharmacology, 2020, 176, 113869.	4.4	19
16	Role, Targets and Regulation of (de)nitrosylation in Malignancy. Frontiers in Oncology, 2018, 8, 334.	2.8	18
17	Exploiting <i>S</i> -nitrosylation for cancer therapy: facts and perspectives. Biochemical Journal, 2020, 477, 3649-3672.	3.7	18
18	Tumor Suppressor Roles of the Denitrosylase GSNOR. Critical Reviews in Oncogenesis, 2016, 21, 433-445.	0.4	17

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19	Mitophagy contributes to alpha-tocopheryl succinate toxicity in GSNOR-deficient hepatocellular carcinoma. <i>Biochemical Pharmacology</i> , 2020, 176, 113885.	4.4	14
20	<i>S</i> -Nitrosoglutathione Reductase Plays Opposite Roles in SH-SY5Y Models of Parkinson's Disease and Amyotrophic Lateral Sclerosis. <i>Mediators of Inflammation</i> , 2015, 2015, 1-12.	3.0	12
21	<i>S</i> -Nitrosation and Ubiquitin-Proteasome System Interplay in Neuromuscular Disorders. <i>International Journal of Cell Biology</i> , 2014, 2014, 1-10.	2.5	11
22	Screening of metabolic modulators identifies new strategies to target metabolic reprogramming in melanoma. <i>Scientific Reports</i> , 2021, 11, 4390.	3.3	11
23	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.	2.6	9
24	nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. <i>Cell Death and Disease</i> , 2019, 10, 354.	6.3	9
25	c-FLIP regulates autophagy by interacting with Beclin-1 and influencing its stability. <i>Cell Death and Disease</i> , 2021, 12, 686.	6.3	8
26	Apaf1-deficient cortical neurons exhibit defects in axonal outgrowth. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4173-4191.	5.4	7
27	TRAP1: A Metabolic Hub Linking Aging Pathophysiology to Mitochondrial S-Nitrosylation. <i>Frontiers in Physiology</i> , 2020, 11, 340.	2.8	7
28	Prolonged Pseudohypoxia Targets Ambra1 mRNA to P-Bodies for Translational Repression. <i>PLoS ONE</i> , 2015, 10, e0129750.	2.5	5
29	Re: "Regulation of S-Nitrosylation in Aging and Senescence" by Larrick and Mendelsohn (Rejuvenation) <i>Trends in Biochemical Sciences</i> , 2018, 43, 14.	1.8	4
30	Autophagy guards tendon homeostasis. <i>Cell Death and Disease</i> , 2022, 13, 402.	6.3	4
31	Editorial: Redox and Metabolic Circuits in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 403.	2.8	3
32	Therapeutic Aspects of Protein Denitrosylation. <i>Antioxidants</i> , 2019, 8, 173-189.		2