

Moran Benhar

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

4,099
citations

201674

27
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330143

37
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42
all docs

42
docs citations

42
times ranked

5750
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS, stress-activated kinases and stress signaling in cancer. <i>EMBO Reports</i> , 2002, 3, 420-425.	4.5	553
2	Regulated Protein Denitrosylation by Cytosolic and Mitochondrial Thioredoxins. <i>Science</i> , 2008, 320, 1050-1054.	12.6	492
3	Protein denitrosylation: enzymatic mechanisms and cellular functions. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 721-732.	37.0	450
4	Enhanced ROS Production in Oncogenically Transformed Cells Potentiates c-Jun N-Terminal Kinase and p38 Mitogen-Activated Protein Kinase Activation and Sensitization to Genotoxic Stress. <i>Molecular and Cellular Biology</i> , 2001, 21, 6913-6926.	2.3	294
5	Regulation of β^2 -Adrenergic Receptor Signaling by S-Nitrosylation of G-Protein-Coupled Receptor Kinase 2. <i>Cell</i> , 2007, 129, 511-522.	28.9	274
6	Detection of protein S-nitrosylation with the biotin-switch technique. <i>Free Radical Biology and Medicine</i> , 2009, 46, 119-126.	2.9	267
7	Selective Persulfide Detection Reveals Evolutionarily Conserved Antiaging Effects of S-Sulfhydration. <i>Cell Metabolism</i> , 2019, 30, 1152-1170.e13.	16.2	236
8	Dual targeting of the thioredoxin and glutathione systems in cancer and HIV. <i>Journal of Clinical Investigation</i> , 2016, 126, 1630-1639.	8.2	139
9	Cisplatin-induced activation of the EGF receptor. <i>Oncogene</i> , 2002, 21, 8723-8731.	5.9	131
10	A low molecular weight copper chelator crosses the blood-brain barrier and attenuates experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2004, 89, 1241-1251.	3.9	113
11	Toward a PKB Inhibitor: A Modification of a Selective PKA Inhibitor by Rational Design. <i>Biochemistry</i> , 2002, 41, 10304-10314.	2.5	110
12	Identification of S-Nitrosylated Targets of Thioredoxin Using a Quantitative Proteomic Approach. <i>Biochemistry</i> , 2010, 49, 6963-6969.	2.5	108
13	A central role for S-nitrosylation in apoptosis. <i>Nature Cell Biology</i> , 2005, 7, 645-646.	10.3	106
14	Nitrosative Stress in the ER: A New Role for S-Nitrosylation in Neurodegenerative Diseases. <i>ACS Chemical Biology</i> , 2006, 1, 355-358.	3.4	85
15	Thioredoxin-interacting Protein (Txnip) Is a Feedback Regulator of S-Nitrosylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 36160-36166.	3.4	73
16	Oxidants, Antioxidants and Thiol Redox Switches in the Control of Regulated Cell Death Pathways. <i>Antioxidants</i> , 2020, 9, 309.	5.1	68
17	Roles of mammalian glutathione peroxidase and thioredoxin reductase enzymes in the cellular response to nitrosative stress. <i>Free Radical Biology and Medicine</i> , 2018, 127, 160-164.	2.9	64
18	Nitric oxide and the thioredoxin system: a complex interplay in redox regulation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2476-2484.	2.4	63

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19	Blocking IL1 β Pathway Following Paclitaxel Chemotherapy Slightly Inhibits Primary Tumor Growth but Promotes Spontaneous Metastasis. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1385-1394.	4.1	60
20	Multilevel Regulation of 2-Cys Peroxiredoxin Reaction Cycle by S-Nitrosylation. <i>Journal of Biological Chemistry</i> , 2013, 288, 11312-11324.	3.4	57
21	Increased Adipocyte S-Nitrosylation Targets Anti-lipolytic Action of Insulin. <i>Journal of Biological Chemistry</i> , 2011, 286, 30433-30443.	3.4	45
22	Suppression of the pro-inflammatory NLRP3/interleukin-1 β pathway in macrophages by the thioredoxin reductase inhibitor auranofin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 3153-3161.	2.4	36
23	Thioredoxin-mimetic peptides (TXM) reverse auranofin induced apoptosis and restore insulin secretion in insulinoma cells. <i>Biochemical Pharmacology</i> , 2013, 85, 977-990.	4.4	33
24	A Substrate Trapping Approach Identifies Proteins Regulated by Reversible S-nitrosylation. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2573-2583.	3.8	32
25	Thioredoxin-mimetic peptides as catalysts of S-denitrosylation and anti-nitrosative stress agents. <i>Free Radical Biology and Medicine</i> , 2015, 79, 138-146.	2.9	30
26	Inhibitory nitrosylation of mammalian thioredoxin reductase 1: Molecular characterization and evidence for its functional role in cellular nitroso-redox imbalance. <i>Free Radical Biology and Medicine</i> , 2016, 97, 375-385.	2.9	30
27	Proteomic Identification of S-Nitrosylated Proteins in the Parasite <i>Entamoeba histolytica</i> by Resin-Assisted Capture: Insights into the Regulation of the Gal/GalNAc Lectin by Nitric Oxide. <i>PLoS ONE</i> , 2014, 9, e91518.	2.5	24
28	Emerging Roles of Protein S-Nitrosylation in Macrophages and Cancer Cells. <i>Current Medicinal Chemistry</i> , 2016, 23, 2602-2617.	2.4	23
29	Opposing effects of polysulfides and thioredoxin on apoptosis through caspase persulfidation. <i>Journal of Biological Chemistry</i> , 2020, 295, 3590-3600.	3.4	20
30	Nitrosothiol-Trapping-Based Proteomic Analysis of S-Nitrosylation in Human Lung Carcinoma Cells. <i>PLoS ONE</i> , 2017, 12, e0169862.	2.5	18
31	S-Nitrosylation of α 1-Antitrypsin Triggers Macrophages Toward Inflammatory Phenotype and Enhances Intra-Cellular Bacteria Elimination. <i>Frontiers in Immunology</i> , 2019, 10, 590.	4.8	13
32	Differential Expression Pattern of Rab-GDI Isoforms during the Parotid Gland Secretion Cycle. <i>Experimental Cell Research</i> , 1997, 233, 207-215.	2.6	10
33	Analysis of Protein S-Nitrosylation. <i>Current Protocols in Protein Science</i> , 2011, 63, Unit14.6.	2.8	5
34	Application of a Thioredoxin-Trapping Mutant for Analysis of the Cellular Nitrosoproteome. <i>Methods in Enzymology</i> , 2017, 585, 285-294.	1.0	4
35	S-nitrosocysteine and glutathione depletion synergize to induce cell death in human tumor cells: Insights into the redox and cytotoxic mechanisms. <i>Free Radical Biology and Medicine</i> , 2020, 160, 566-574.	2.9	3
36	Thioredoxin interacting protein (Txnip) is feedback regulator of S-nitrosylation. <i>FASEB Journal</i> , 2010, 24, 904.2.	0.5	0

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37	Abstract B59: The dual effect of therapy-induced IL-1 ^β expression on tumor progression: Role of tumor-associated macrophages. , 2013, , .		0
38	Gasotransmitters and thiol redox signaling: a focus on regulated cell death. Free Radical Biology and Medicine, 2021, 177, S56.	2.9	0