

Adam J Case

List of Publications by Year in descending order

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53
papers

1,330
citations

394421

19
h-index

377865

34
g-index

59
all docs

59
docs citations

59
times ranked

2332
citing authors

#	ARTICLE	IF	CITATIONS
1	Limitations of oxygen delivery to cells in culture: An underappreciated problem in basic and translational research. <i>Free Radical Biology and Medicine</i> , 2017, 113, 311-322.	2.9	271
2	On the Origin of Superoxide Dismutase: An Evolutionary Perspective of Superoxide-Mediated Redox Signaling. <i>Antioxidants</i> , 2017, 6, 82.	5.1	107
3	Elevated mitochondrial superoxide disrupts normal T cell development, impairing adaptive immune responses to an influenza challenge. <i>Free Radical Biology and Medicine</i> , 2011, 50, 448-458.	2.9	92
4	Mitochondrial-localized NADPH oxidase 4 is a source of superoxide in angiotensin II-stimulated neurons. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H19-H28.	3.2	90
5	Loss of <i>SOD3</i> (EcSOD) Expression Promotes an Aggressive Phenotype in Human Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2015, 21, 1741-1751.	7.0	58
6	NOX4 mediates cytoprotective autophagy induced by the EGFR inhibitor erlotinib in head and neck cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 736-745.	2.8	54
7	Impact of Yoga on Inflammatory Biomarkers: A Systematic Review. <i>Biological Research for Nursing</i> , 2019, 21, 198-209.	1.9	47
8	Neutrophil signaling during myocardial infarction wound repair. <i>Cellular Signalling</i> , 2021, 77, 109816.	3.6	44
9	Neutrophils are mediators of metastatic prostate cancer progression in bone. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1113-1130.	4.2	41
10	Human Chondrosarcoma Cells Acquire an Epithelial-Like Gene Expression Pattern via an Epigenetic Switch: Evidence for Mesenchymal-Epithelial Transition during Sarcomagenesis. <i>Sarcoma</i> , 2011, 2011, 1-11.	1.3	36
11	Aberrant Promoter CpG Methylation Is a Mechanism for Impaired PHD3 Expression in a Diverse Set of Malignant Cells. <i>PLoS ONE</i> , 2011, 6, e14617.	2.5	36
12	Mitochondrial Superoxide Signaling Contributes to Norepinephrine-Mediated T-Lymphocyte Cytokine Profiles. <i>PLoS ONE</i> , 2016, 11, e0164609.	2.5	35
13	Manganese superoxide dismutase depletion in murine hematopoietic stem cells perturbs iron homeostasis, globin switching, and epigenetic control in erythrocyte precursor cells. <i>Free Radical Biology and Medicine</i> , 2013, 56, 17-27.	2.9	33
14	Post-traumatic stress disorder and serum cytokine and chemokine concentrations in patients with rheumatoid arthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 49, 229-235.	3.4	31
15	Healthcare Workers Occupationally Exposed to Ionizing Radiation Exhibit Altered Levels of Inflammatory Cytokines and Redox Parameters. <i>Antioxidants</i> , 2019, 8, 12.	5.1	27
16	Sympathetic-mediated activation <i>versus</i> suppression of the immune system: consequences for hypertension. <i>Journal of Physiology</i> , 2016, 594, 527-536.	2.9	26
17	Autonomic and Redox Imbalance Correlates With T-Lymphocyte Inflammation in a Model of Chronic Social Defeat Stress. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 103.	2.0	25
18	Mitochondrial superoxide disrupts the metabolic and epigenetic landscape of CD4+ and CD8+ T-lymphocytes. <i>Redox Biology</i> , 2019, 27, 101141.	9.0	23

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19	Redox-Regulated Suppression of Splenic T-Lymphocyte Activation in a Model of Sympathoexcitation. Hypertension, 2015, 65, 916-923.	2.7	22
20	Increased mitochondrial superoxide in the brain, but not periphery, sensitizes mice to angiotensin II-mediated hypertension. Redox Biology, 2017, 11, 82-90.	9.0	22
21	Autonomic regulation of T-lymphocytes: Implications in cardiovascular disease. Pharmacological Research, 2019, 146, 104293.	7.1	22
22	Peripheral inflammation is strongly linked to elevated zero maze behavior in repeated social defeat stress. Brain, Behavior, and Immunity, 2020, 90, 279-285.	4.1	19
23	Maintenance of mitochondrial genomic integrity in the absence of manganese superoxide dismutase in mouse liver hepatocytes. Redox Biology, 2013, 1, 172-177.	9.0	16
24	Absence of manganese superoxide dismutase delays p53-induced tumor formation. Redox Biology, 2014, 2, 220-223.	9.0	15
25	Over-expressed copper/zinc superoxide dismutase localizes to mitochondria in neurons inhibiting the angiotensin II-mediated increase in mitochondrial superoxide. Redox Biology, 2014, 2, 8-14.	9.0	14
26	Manganese superoxide dismutase is dispensable for post-natal development and lactation in the murine mammary gland. Free Radical Research, 2012, 46, 1361-1368.	3.3	10
27	Low-Dose<i>Aronia melanocarpa</i>Concentrate Attenuates Paraquat-Induced Neurotoxicity. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	4.0	10
28	Redox-sensitive calcium/calmodulin-dependent protein kinase II \pm in angiotensin II intra-neuronal signaling and hypertension. Redox Biology, 2019, 27, 101230.	9.0	10
29	The Redox-Metabolic Couple of T Lymphocytes: Potential Consequences for Hypertension. Antioxidants and Redox Signaling, 2021, 34, 915-935.	5.4	10
30	T-lymphocyte tyrosine hydroxylase regulates TH17 T-lymphocytes during repeated social defeat stress. Brain, Behavior, and Immunity, 2022, 104, 18-28.	4.1	9
31	S-nitrosation of protein phosphatase 1 mediates alcohol-induced ciliary dysfunction. Scientific Reports, 2018, 8, 9701.	3.3	8
32	Redox biology in physiology and disease. Redox Biology, 2019, 27, 101267.	9.0	8
33	Neuroinflammatory profiles regulated by the redox environment predicted cognitive dysfunction in people living with HIV: A cross-sectional study. EBioMedicine, 2021, 70, 103487.	6.1	8
34	The Role of Vasoactive Intestinal Peptide (VIP) in Megakaryocyte Proliferation. Journal of Molecular Neuroscience, 2009, 37, 160-167.	2.3	6
35	Sympathoexcitation in response to cardiac and pulmonary afferent stimulation of TRPA1 channels is attenuated in rats with chronic heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H862-H872.	3.2	6
36	Interleukin-17A and Chronic Stress in Pregnant Women at 24â€“28 Weeks Gestation. Nursing Research, 2019, 68, 167-173.	1.7	6

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37	Splenic Denervation Attenuates Repeated Social Defeat Stress-Induced T Lymphocyte Inflammation. <i>Biological Psychiatry Global Open Science</i> , 2021, 1, 190-200.	2.2	6
38	Oxidative Stress in Pregnant Women Between 12 and 20 Weeks of Gestation and Preterm Birth. <i>Nursing Research</i> , 2020, 69, 244-248.	1.7	5
39	Dimers of isatin derived 1-methylene-3-butyrolactone as potent anti-cancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 65, 128713.	2.2	5
40	Rational design of a secreted enzymatically inactive mutant of extracellular superoxide dismutase. <i>Redox Report</i> , 2012, 17, 239-245.	4.5	3
41	Rapid metabolism of exogenous angiotensin II by catecholaminergic neuronal cells in culture media. <i>Physiological Reports</i> , 2015, 3, e12287.	1.7	3
42	Exploring Biologic Correlates of Cancer-Related Fatigue in Men With Prostate Cancer: Cell Damage Pathways and Oxidative Stress. <i>Biological Research for Nursing</i> , 2020, 22, 514-519.	1.9	3
43	Cytokine levels throughout the perinatal period. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 5513-5519.	1.5	3
44	Overexpression of copper/zinc superoxide dismutase in the median preoptic nucleus improves cardiac function after myocardial infarction in the rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 960-966.	1.9	2
45	Redox Signaling and Neural Control of Cardiovascular Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-2.	4.0	0
46	Elevated pro-inflammatory cytokines in healthcare workers occupationally exposed to ionizing radiation. <i>Free Radical Biology and Medicine</i> , 2018, 128, S100.	2.9	0
47	S21. Identification of a Novel T-Lymphocyte Inflammatory Protein in Psychological Stress-Induced Hypertension. <i>Biological Psychiatry</i> , 2019, 85, S304.	1.3	0
48	Redox-Regulated Calprotectin Potentiates Psychological Trauma Induced Pro-Inflammatory T-Lymphocyte Differentiation. <i>Free Radical Biology and Medicine</i> , 2020, 159, S45-S46.	2.9	0
49	A Forgotten Rose: Embracing the Complexity of Neuroimmune Function. <i>Biological Psychiatry</i> , 2021, 89, e21-e23.	1.3	0
50	Sympathetic Nerves Control Splenic T-Lymphocyte Inflammation and the Mitochondrial Redox Environment During Repeated Social Defeat Stress. <i>Biological Psychiatry</i> , 2021, 89, S89-S90.	1.3	0
51	Hydrogen peroxide (H ₂ O ₂) is not increased in angiotensin II (AngII)-stimulated neurons overexpressing superoxide dismutase (SOD). <i>FASEB Journal</i> , 2013, 27, 1143.15.	0.5	0
52	Redox-Driven Lymphocyte Inflammation Sensitizes Mice to Psychological Stress-Mediated Hypertension. <i>FASEB Journal</i> , 2018, 32, 737.1.	0.5	0
53	Identification of a Novel T-Lymphocyte Inflammatory Protein in Psychological Stress-Induced Hypertension. <i>FASEB Journal</i> , 2019, 33, 836.2.	0.5	0