

Adam J Case

List of Publications by Year in descending order

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53
papers

1,330
citations

393982

19
h-index

377514

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.	1.3	271
2	On the Origin of Superoxide Dismutase: An Evolutionary Perspective of Superoxide-Mediated Redox Signaling. <i>Antioxidants</i> , 2017, 6, 82.	2.2	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.	1.3	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.	1.5	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.	3.2	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.	1.3	54
7	Impact of Yoga on Inflammatory Biomarkers: A Systematic Review. <i>Biological Research for Nursing</i> , 2019, 21, 198-209.	1.0	47
8	Neutrophil signaling during myocardial infarction wound repair. <i>Cellular Signalling</i> , 2021, 77, 109816.	1.7	44
9	Neutrophils are mediators of metastatic prostate cancer progression in bone. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1113-1130.	2.0	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.	0.7	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.	1.1	36
12	Mitochondrial Superoxide Signaling Contributes to Norepinephrine-Mediated T-Lymphocyte Cytokine Profiles. <i>PLoS ONE</i> , 2016, 11, e0164609.	1.1	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.	1.3	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.	1.6	31
15	Healthcare Workers Occupationally Exposed to Ionizing Radiation Exhibit Altered Levels of Inflammatory Cytokines and Redox Parameters. <i>Antioxidants</i> , 2019, 8, 12.	2.2	27
16	Sympathetic-mediated activation versus suppression of the immune system: consequences for hypertension. <i>Journal of Physiology</i> , 2016, 594, 527-536.	1.3	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.	1.0	25
18	Mitochondrial superoxide disrupts the metabolic and epigenetic landscape of CD4+ and CD8+ T-lymphocytes. <i>Redox Biology</i> , 2019, 27, 101141.	3.9	23

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19	Redox-Regulated Suppression of Splenic T-Lymphocyte Activation in a Model of Sympathoexcitation. <i>Hypertension</i> , 2015, 65, 916-923.	1.3	22
20	Increased mitochondrial superoxide in the brain, but not periphery, sensitizes mice to angiotensin II-mediated hypertension. <i>Redox Biology</i> , 2017, 11, 82-90.	3.9	22
21	Autonomic regulation of T-lymphocytes: Implications in cardiovascular disease. <i>Pharmacological Research</i> , 2019, 146, 104293.	3.1	22
22	Peripheral inflammation is strongly linked to elevated zero maze behavior in repeated social defeat stress. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 279-285.	2.0	19
23	Maintenance of mitochondrial genomic integrity in the absence of manganese superoxide dismutase in mouse liver hepatocytes. <i>Redox Biology</i> , 2013, 1, 172-177.	3.9	16
24	Absence of manganese superoxide dismutase delays p53-induced tumor formation. <i>Redox Biology</i> , 2014, 2, 220-223.	3.9	15
25	Over-expressed copper/zinc superoxide dismutase localizes to mitochondria in neurons inhibiting the angiotensin II-mediated increase in mitochondrial superoxide. <i>Redox Biology</i> , 2014, 2, 8-14.	3.9	14
26	Manganese superoxide dismutase is dispensable for post-natal development and lactation in the murine mammary gland. <i>Free Radical Research</i> , 2012, 46, 1361-1368.	1.5	10
27	Low-Dose <i>Aronia melanocarpa</i> Concentrate Attenuates Paraquat-Induced Neurotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	10
28	Redox-sensitive calcium/calmodulin-dependent protein kinase II β in angiotensin II intra-neuronal signaling and hypertension. <i>Redox Biology</i> , 2019, 27, 101230.	3.9	10
29	The Redox-Metabolic Couple of T Lymphocytes: Potential Consequences for Hypertension. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 915-935.	2.5	10
30	T-lymphocyte tyrosine hydroxylase regulates TH17 T-lymphocytes during repeated social defeat stress. <i>Brain, Behavior, and Immunity</i> , 2022, 104, 18-28.	2.0	9
31	S-nitrosation of protein phosphatase 1 mediates alcohol-induced ciliary dysfunction. <i>Scientific Reports</i> , 2018, 8, 9701.	1.6	8
32	Redox biology in physiology and disease. <i>Redox Biology</i> , 2019, 27, 101267.	3.9	8
33	Neuroinflammatory profiles regulated by the redox environment predicted cognitive dysfunction in people living with HIV: A cross-sectional study. <i>EBioMedicine</i> , 2021, 70, 103487.	2.7	8
34	The Role of Vasoactive Intestinal Peptide (VIP) in Megakaryocyte Proliferation. <i>Journal of Molecular Neuroscience</i> , 2009, 37, 160-167.	1.1	6
35	Sympathoexcitation in response to cardiac and pulmonary afferent stimulation of TRPA1 channels is attenuated in rats with chronic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H862-H872.	1.5	6
36	Interleukin-17A and Chronic Stress in Pregnant Women at 24-28 Weeks Gestation. <i>Nursing Research</i> , 2019, 68, 167-173.	0.8	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.	1.0	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.	0.8	5
39	Dimers of isatin derived β -methylene- γ -butyrolactone as potent anti-cancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 65, 128713.	1.0	5
40	Rational design of a secreted enzymatically inactive mutant of extracellular superoxide dismutase. <i>Redox Report</i> , 2012, 17, 239-245.	1.4	3
41	Rapid metabolism of exogenous angiotensin II by catecholaminergic neuronal cells in culture media. <i>Physiological Reports</i> , 2015, 3, e12287.	0.7	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.	1.0	3
43	Cytokine levels throughout the perinatal period. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 5513-5519.	0.7	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.	0.9	2
45	Redox Signaling and Neural Control of Cardiovascular Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-2.	1.9	0
46	Elevated pro-inflammatory cytokines in healthcare workers occupationally exposed to ionizing radiation. <i>Free Radical Biology and Medicine</i> , 2018, 128, S100.	1.3	0
47	S21. Identification of a Novel T-Lymphocyte Inflammatory Protein in Psychological Stress-Induced Hypertension. <i>Biological Psychiatry</i> , 2019, 85, S304.	0.7	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.	1.3	0
49	A Forgotten Rose: Embracing the Complexity of Neuroimmune Function. <i>Biological Psychiatry</i> , 2021, 89, e21-e23.	0.7	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.	0.7	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.	0.2	0
52	Redox-Driven Lymphocyte Inflammation Sensitizes Mice to Psychological Stress-Mediated Hypertension. <i>FASEB Journal</i> , 2018, 32, 737.1.	0.2	0
53	Identification of a Novel T-Lymphocyte Inflammatory Protein in Psychological Stress-Induced Hypertension. <i>FASEB Journal</i> , 2019, 33, 836.2.	0.2	0