

Iman M Ahmad

List of Publications by Year in descending order

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39
papers

2,140
citations

361413

20
h-index

377865

34
g-index

39
all docs

39
docs citations

39
times ranked

3530
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased levels of superoxide and H ₂ O ₂ mediate the differential susceptibility of cancer cells versus normal cells to glucose deprivation. <i>Biochemical Journal</i> , 2009, 418, 29-37.	3.7	378
2	Superoxide Mediates the Actions of Angiotensin II in the Central Nervous System. <i>Circulation Research</i> , 2002, 91, 1038-1045.	4.5	362
3	Mitochondrial O ₂ ^{•-} and H ₂ O ₂ Mediate Glucose Deprivation-induced Stress in Human Cancer Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 4254-4263.	3.4	225
4	2-Deoxy-d-Glucose Combined with Cisplatin Enhances Cytotoxicity via Metabolic Oxidative Stress in Human Head and Neck Cancer Cells. <i>Cancer Research</i> , 2007, 67, 3364-3370.	0.9	215
5	Hepatitis C virus-core and non structural proteins lead to different effects on cellular antioxidant defenses. <i>Journal of Medical Virology</i> , 2005, 76, 489-497.	5.0	109
6	Enhancement of Carboplatin-Mediated Lung Cancer Cell Killing by Simultaneous Disruption of Glutathione and Thioredoxin Metabolism. <i>Clinical Cancer Research</i> , 2011, 17, 6206-6217.	7.0	95
7	Oxidative Stress and Preterm Birth: An Integrative Review. <i>Biological Research for Nursing</i> , 2018, 20, 497-512.	1.9	91
8	New palladium(II) complexes bearing pyrazole-based Schiff base ligands: Synthesis, characterization and cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 471-475.	5.5	79
9	Induction of heme oxygenase-1 contributes to survival of Mycobacterium abscessus in human macrophages-like THP-1 cells. <i>Redox Biology</i> , 2015, 4, 328-339.	9.0	55
10	Cisplatin combined with zidovudine enhances cytotoxicity and oxidative stress in human head and neck cancer cells via a thiol-dependent mechanism. <i>Free Radical Biology and Medicine</i> , 2009, 46, 232-237.	2.9	46
11	Autophagy regulates DUOX1 localization and superoxide production in airway epithelial cells during chronic IL-13 stimulation. <i>Redox Biology</i> , 2018, 14, 272-284.	9.0	41
12	Increased prooxidant production and enhanced susceptibility to glutathione depletion in HepG2 cells co-expressing HCV core protein and CYP2E1. <i>Journal of Medical Virology</i> , 2004, 72, 230-240.	5.0	39
13	Increased Oxidative Stress and Iron Overload in Jordanian β^2 -Thalassemic Children. <i>Hemoglobin</i> , 2011, 35, 67-79.	0.8	37
14	Redox status in workers occupationally exposed to long-term low levels of ionizing radiation: A pilot study. <i>Redox Report</i> , 2016, 21, 139-145.	4.5	37
15	Enhancing responsiveness of pancreatic cancer cells to gemcitabine treatment under hypoxia by heme oxygenase-1 inhibition. <i>Translational Research</i> , 2019, 207, 56-69.	5.0	35
16	2-Deoxyglucose combined with wild-type p53 overexpression enhances cytotoxicity in human prostate cancer cells via oxidative stress. <i>Free Radical Biology and Medicine</i> , 2008, 44, 826-834.	2.9	31
17	Neuronal uptake of nanoformulated superoxide dismutase and attenuation of angiotensin II-dependent hypertension after central administration. <i>Free Radical Biology and Medicine</i> , 2014, 73, 299-307.	2.9	28
18	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

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19	Nitric oxide-induced resistance to hydrogen peroxide stress is a glutamate cysteine ligase activity-dependent process. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1361-1371.	2.9	26
20	Oxidative stress in early pregnancy and the risk of preeclampsia. <i>Pregnancy Hypertension</i> , 2019, 18, 99-102.	1.4	26
21	Estrogen-induced disruption of intracellular iron metabolism leads to oxidative stress, membrane damage, and cell cycle arrest in MCF-7 cells. <i>Tumor Biology</i> , 2017, 39, 101042831772618.	1.8	19
22	Nanoformulated copper/zinc superoxide dismutase attenuates vascular cell activation and aortic inflammation in obesity. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 495-500.	2.1	17
23	2-deoxy-D-Glucose Synergizes with Doxorubicin or L-Buthionine Sulfoximine to Reduce Adhesion and Migration of Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3213-3222.	1.2	17
24	Oxidative Stress Levels Throughout Pregnancy, at Birth, and in the Neonate. <i>Biological Research for Nursing</i> , 2019, 21, 485-494.	1.9	16
25	Heme Oxygenase-1 Inhibition Potentiates the Effects of Nab-Paclitaxel-Gemcitabine and Modulates the Tumor Microenvironment in Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , 2021, 13, 2264.	3.7	14
26	Reduced heme oxygenase-1 expression in steatotic livers infected with hepatitis C virus. <i>European Journal of Internal Medicine</i> , 2012, 23, 649-655.	2.2	13
27	Oxidation of Thiols and Modification of Redox-Sensitive Signaling in Human Lung Epithelial Cells Exposed to <i>Pseudomonas pyocyanin</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 74, 43-51.	2.3	12
28	2DG enhances the susceptibility of breast cancer cells to doxorubicin. <i>Open Life Sciences</i> , 2010, 5, 739-748.	1.4	11
29	Neural oscillatory activity serving sensorimotor control is predicted by superoxide-sensitive mitochondrial redox environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
30	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.	6.1	8
31	MnSOD and Cyclin B1 Coordinate a Mito-Checkpoint during Cell Cycle Response to Oxidative Stress. <i>Antioxidants</i> , 2017, 6, 92.	5.1	7
32	Total body glutathione depletion induces oxidative stress and disrupts the immune function in mice. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 157-170.	1.2	5
33	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
34	Protective role of heme oxygenase-1 in liver. <i>Biologia (Poland)</i> , 2012, 67, 623-628.	1.5	4
35	Mitochondria-Mediated Oxidative Stress and Cancer Therapy. , 2012, , 3-19.		1
36	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

#	ARTICLE	IF	CITATIONS
37	Reply to "Comment on Ahmad, I.M. et al. Healthcare Workers Occupationally Exposed to Ionizing Radiation Exhibit Altered Levels of Inflammatory Cytokines and Redox Parameters. Antioxidants, 2019, 8, 12"; Antioxidants, 2019, 8, 43.	5.1	0
38	Glutathione, Vitamin D and Antioxidant Status in the Blood of Patients with Colorectal Cancer: A Pilot Study. Pakistan Journal of Nutrition, 2014, 14, 13-17.	0.2	0
39	Prevalence of malnutrition among end-stage renal disease patients in Jordanian Hospitals. Journal of King Abdulaziz University, Islamic Economics, 2006, 27, 1928-30.	1.1	0