

Walid Rachidi

List of Publications by Year in descending order

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53
papers

1,893
citations

257357

24
h-index

265120

42
g-index

60
all docs

60
docs citations

60
times ranked

3011
citing authors

#	ARTICLE	IF	CITATIONS
1	Prion infection impairs the cellular response to oxidative stress. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 13937-13942.	3.3	203
2	Expression of Prion Protein Increases Cellular Copper Binding and Antioxidant Enzyme Activities but Not Copper Delivery. Journal of Biological Chemistry, 2003, 278, 9064-9072.	1.6	173
3	Evaluation of cytotoxicity and oxidative DNA damaging effects of di(2-ethylhexyl)-phthalate (DEHP) and mono(2-ethylhexyl)-phthalate (MEHP) on MA-10 Leydig cells and protection by selenium. Toxicology and Applied Pharmacology, 2010, 248, 52-62.	1.3	171
4	Does a role for selenium in DNA damage repair explain apparent controversies in its use in chemoprevention?. Mutagenesis, 2013, 28, 127-134.	1.0	74
5	The toxicity redox mechanisms of cadmium alone or together with copper and zinc homeostasis alteration: Its redox biomarkers. Journal of Trace Elements in Medicine and Biology, 2011, 25, 171-180.	1.5	70
6	Anatomical distribution and biochemical characterization of the novel RFamide peptide 26RFa in the human hypothalamus and spinal cord. Journal of Neurochemistry, 2006, 99, 616-627.	2.1	69
7	Protective effect of selenium supplementation on the genotoxicity of di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate treatment in LNCaP cells. Free Radical Biology and Medicine, 2010, 49, 559-566.	1.3	62
8	Prion Infection Impairs Copper Binding of Cultured Cells. Journal of Biological Chemistry, 2003, 278, 14595-14598.	1.6	54
9	Sensing radiosensitivity of human epidermal stem cells. Radiotherapy and Oncology, 2007, 83, 267-276.	0.3	54
10	Induction of ROS, p53, p21 in DEHP- and MEHP-exposed LNCaP cells-protection by selenium compounds. Food and Chemical Toxicology, 2011, 49, 1565-1571.	1.8	51
11	Low doses of selenium specifically stimulate the repair of oxidative DNA damage in LNCaP prostate cancer cells. Free Radical Research, 2012, 46, 105-116.	1.5	50
12	The effects of di(2-ethylhexyl)phthalate on rat liver in relation to selenium status. International Journal of Experimental Pathology, 2014, 95, 64-77.	0.6	49
13	Prion protein protects against DNA damage induced by paraquat in cultured cells. Free Radical Biology and Medicine, 2004, 37, 1224-1230.	1.3	47
14	Acute exposure to zinc oxide nanoparticles does not affect the cognitive capacity and neurotransmitters levels in adult rats. Nanotoxicology, 2014, 8, 208-215.	1.6	46
15	Energy Metabolism Rewiring Precedes UVB-Induced Primary Skin Tumor Formation. Cell Reports, 2018, 23, 3621-3634.	2.9	44
16	Di(2-ethylhexyl)phthalate-induced renal oxidative stress in rats and protective effect of selenium. Toxicology Mechanisms and Methods, 2012, 22, 415-423.	1.3	42
17	Effects of di(2-ethylhexyl)phthalate on testicular oxidant/antioxidant status in selenium-deficient and selenium-supplemented rats. Environmental Toxicology, 2014, 29, 98-107.	2.1	42
18	Radiation-mediated formation of complex damage to DNA: a chemical aspect overview. British Journal of Radiology, 2014, 87, 20130715.	1.0	38

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19	Oxidative Stress Induced by Cadmium in the C6 Cell Line: Role of Copper and Zinc. <i>Biological Trace Element Research</i> , 2012, 146, 410-419.	1.9	36
20	The Polyphenol-Rich Extract from <i>Psiloxylon mauritianum</i> , an Endemic Medicinal Plant from Reunion Island, Inhibits the Early Stages of Dengue and Zika Virus Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1860.	1.8	36
21	Overexpression of Cellular Prion Protein Induces an Antioxidant Environment Altering T Cell Development in the Thymus. <i>Journal of Immunology</i> , 2006, 176, 3490-3497.	0.4	31
22	The effects of different bisphenol derivatives on oxidative stress, DNA damage and DNA repair in RWPE-1 cells: A comparative study. <i>Journal of Applied Toxicology</i> , 2020, 40, 643-654.	1.4	30
23	Fibroblast Growth Factor Type 2 Signaling Is Critical for DNA Repair in Human Keratinocyte Stem Cells. <i>Stem Cells</i> , 2010, 28, 1639-1648.	1.4	29
24	Selenium preserves keratinocyte stemness and delays senescence by maintaining epidermal adhesion. <i>Ageing</i> , 2017, 9, 2302-2315.	1.4	25
25	Age-Dependent Protective Effect of Selenium against UVA Irradiation in Primary Human Keratinocytes and the Associated DNA Repair Signature. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	25
26	Human CD8 ⁺ CD25 ⁺ CD127 ^{low} regulatory T cells: microRNA signature and impact on TGF β 2 and IL10 expression. <i>Journal of Cellular Physiology</i> , 2019, 234, 17459-17472.	2.0	25
27	Thyroidal Effects of Di-(2-Ethylhexyl) Phthalate in Rats of Different Selenium Status. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2012, 31, 143-153.	0.6	24
28	Alzheimer's Disease-Associated Neurotoxic Peptide Amyloid- β Impairs Base Excision Repair in Human Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14766-14787.	1.8	22
29	Gadolinium-Based Nanoparticles Can Overcome the Radioresistance of Head and Neck Squamous Cell Carcinoma Through the Induction of Autophagy. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 111-124.	0.5	19
30	The effects of selenium and the GPx-1 selenoprotein on the phosphorylation of H2AX. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 3399-3406.	1.1	18
31	α 6 Integrin (α 6 ^{high})/Transferrin Receptor (CD71) ^{low} Keratinocyte Stem Cells Are More Potent for Generating Reconstructed Skin Epidermis Than Rapid Adherent Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 282.	1.8	18
32	Study on the toxic mechanism of prion protein peptide 106-126 in neuronal and non neuronal cells. <i>Journal of Neuroscience Research</i> , 2006, 84, 637-646.	1.3	17
33	Xeroderma Pigmentosum C (XPC) Mutations in Primary Fibroblasts Impair Base Excision Repair Pathway and Increase Oxidative DNA Damage. <i>Frontiers in Genetics</i> , 2020, 11, 561687.	1.1	17
34	Metallothionein expression in HaCaT and C6 cell lines exposed to cadmium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 314-323.	1.5	16
35	Tubulin Beta-3 Chain as a New Candidate Protein Biomarker of Human Skin Aging: A Preliminary Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-21.	1.9	16
36	Signaling Pathways, Chemical and Biological Modulators of Nucleotide Excision Repair: The Faithful Shield against UV Genotoxicity. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	1.9	16

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37	Investigating the toxic effects induced by iron oxide nanoparticles on neuroblastoma cell line: an integrative study combining cytotoxic, genotoxic and proteomic tools. <i>Nanotoxicology</i> , 2019, 13, 1021-1040.	1.6	16
38	The effects of di(2-ethylhexyl) phthalate and/or selenium on trace element levels in different organs of rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 29, 296-302.	1.5	15
39	Combination of A β Secretion and Oxidative Stress in an Alzheimer-Like Cell Line Leads to the Over-Expression of the Nucleotide Excision Repair Proteins DDB2 and XPC. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17422-17444.	1.8	14
40	Long-term Genoprotection Effect of <i>Sechium edule</i> Fruit Extract Against UVA Irradiation in Keratinocytes. <i>Photochemistry and Photobiology</i> , 2018, 94, 343-350.	1.3	14
41	In Vitro Dermal Safety Assessment of Silver Nanowires after Acute Exposure: Tissue vs. Cell Models. <i>Nanomaterials</i> , 2018, 8, 232.	1.9	12
42	Effects of Iron Oxide Nanoparticles (Fe_3O_4) on Liver, Lung and Brain Proteomes following Sub-Acute Intranasal Exposure: A New Toxicological Assessment in Rat Model Using iTRAQ-Based Quantitative Proteomics. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5186.	1.8	12
43	Loss of Epidermal HIF-1 α Blocks UVB-Induced Tumorigenesis by Affecting DNA Repair Capacity and Oxidative Stress. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2016-2028.e7.	0.3	11
44	Prion protein protects against zinc-mediated cytotoxicity by modifying intracellular exchangeable zinc and inducing metallothionein expression. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 214-223.	1.5	9
45	Keratinocyte stem cells are more resistant to UVA radiation than their direct progeny. <i>PLoS ONE</i> , 2018, 13, e0203863.	1.1	8
46	Quantitative Proteomic Approach Reveals Altered Metabolic Pathways in Response to the Inhibition of Lysine Deacetylases in A549 Cells under Normoxia and Hypoxia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3378.	1.8	3
47	Xeroderma Pigmentosum C: A Valuable Tool to Decipher the Signaling Pathways in Skin Cancers. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	3
48	The effects of the cellular and infectious prion protein on the neuronal adaptor protein X11 α . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2213-2221.	1.1	2
49	High-throughput synthetic rescue for exhaustive characterization of suppressor mutations in human genes. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4209-4222.	2.4	2
50	Impairment of Base Excision Repair in Dermal Fibroblasts Isolated From Nevoid Basal Cell Carcinoma Patients. <i>Frontiers in Oncology</i> , 2020, 10, 1551.	1.3	1
51	41: Effect of selenium on lethal and genotoxic properties of oxidative stress. <i>Bulletin Du Cancer</i> , 2010, 97, S36-S37.	0.6	0
52	107: Human skin responses to low dose ionizing radiation. <i>Bulletin Du Cancer</i> , 2010, 97, S85.	0.6	0
53	535 RNA interference and Chemical-Based High Content Screening for the Normalization of XPC Phenotype. <i>Journal of Investigative Dermatology</i> , 2019, 139, S306.	0.3	0