

Walid Rachidi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,511
citations

23
h-index

38
g-index

60
ext. papers

1,727
ext. citations

4.8
avg, IF

4.11
L-index

#	Paper	IF	Citations
49	Prion infection impairs the cellular response to oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 13937-42	11.5	181
48	Expression of prion protein increases cellular copper binding and antioxidant enzyme activities but not copper delivery. <i>Journal of Biological Chemistry</i> , 2003 , 278, 9064-72	5.4	149
47	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. <i>Toxicology and Applied Pharmacology</i> , 2010 , 248, 52-62	4.6	144
46	Does a role for selenium in DNA damage repair explain apparent controversies in its use in chemoprevention?. <i>Mutagenesis</i> , 2013 , 28, 127-34	2.8	59
45	The toxicity redox mechanisms of cadmium alone or together with copper and zinc homeostasis alteration: its redox biomarkers. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011 , 25, 171-80	4.1	59
44	Anatomical distribution and biochemical characterization of the novel RFamide peptide 26RFa in the human hypothalamus and spinal cord. <i>Journal of Neurochemistry</i> , 2006 , 99, 616-27	6	59
43	Prion infection impairs copper binding of cultured cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 14595-8	5.4	49
42	Protective effect of selenium supplementation on the genotoxicity of di(2-ethylhexyl)phthalate and mono(2-ethylhexyl)phthalate treatment in LNCaP cells. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 559-66	7.8	48
41	Induction of ROS, p53, p21 in DEHP- and MEHP-exposed LNCaP cells-protection by selenium compounds. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1565-71	4.7	44
40	Sensing radiosensitivity of human epidermal stem cells. <i>Radiotherapy and Oncology</i> , 2007 , 83, 267-76	5.3	44
39	Low doses of selenium specifically stimulate the repair of oxidative DNA damage in LNCaP prostate cancer cells. <i>Free Radical Research</i> , 2012 , 46, 105-16	4	39
38	Prion protein protects against DNA damage induced by paraquat in cultured cells. <i>Free Radical Biology and Medicine</i> , 2004 , 37, 1224-30	7.8	38
37	Acute exposure to zinc oxide nanoparticles does not affect the cognitive capacity and neurotransmitters levels in adult rats. <i>Nanotoxicology</i> , 2014 , 8 Suppl 1, 208-15	5.3	37
36	The effects of di(2-ethylhexyl)phthalate on rat liver in relation to selenium status. <i>International Journal of Experimental Pathology</i> , 2014 , 95, 64-77	2.8	37
35	Effects of di(2-ethylhexyl)phthalate on testicular oxidant/antioxidant status in selenium-deficient and selenium-supplemented rats. <i>Environmental Toxicology</i> , 2014 , 29, 98-107	4.2	35
34	Di(2-ethylhexyl)phthalate-induced renal oxidative stress in rats and protective effect of selenium. <i>Toxicology Mechanisms and Methods</i> , 2012 , 22, 415-23	3.6	31
33	Overexpression of cellular prion protein induces an antioxidant environment altering T cell development in the thymus. <i>Journal of Immunology</i> , 2006 , 176, 3490-7	5.3	30

32	Oxidative stress induced by cadmium in the C6 cell line: role of copper and zinc. <i>Biological Trace Element Research</i> , 2012 , 146, 410-9	4.5	29
31	Energy Metabolism Rewiring Precedes UVB-Induced Primary Skin Tumor Formation. <i>Cell Reports</i> , 2018 , 23, 3621-3634	10.6	27
30	Radiation-mediated formation of complex damage to DNA: a chemical aspect overview. <i>British Journal of Radiology</i> , 2014 , 87, 20130715	3.4	27
29	Fibroblast growth factor type 2 signaling is critical for DNA repair in human keratinocyte stem cells. <i>Stem Cells</i> , 2010 , 28, 1639-48	5.8	27
28	The Polyphenol-Rich Extract from 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,	6.3	23
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, 143-53	2.1	23
26	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, 14766-87	6.3	19
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, 5895439	6.7	19
24	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, 637-46	4.4	17
23	β Integrin (β)/Transferrin Receptor (CD71) Keratinocyte Stem Cells Are More Potent for Generating Reconstructed Skin Epidermis Than Rapid Adherent Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
22	Human CD8 CD25 CD127 regulatory T cells: microRNA signature and impact on TGF- β and IL-10 expression. <i>Journal of Cellular Physiology</i> , 2019 , 234, 17459-17472	7	14
21	Selenium preserves keratinocyte stemness and delays senescence by maintaining epidermal adhesion. <i>Aging</i> , 2017 , 9, 2302-2315	5.6	14
20	The effects of selenium and the GPx-1 selenoprotein on the phosphorylation of H2AX. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 3399-406	4	14
19	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	4.1	13
18	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	4.1	13
17	Metallothionein expression in HaCaT and C6 cell lines exposed to cadmium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009 , 23, 314-23	4.1	12
16	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, 5140360	6.7	11
15	In Vitro Dermal Safety Assessment of Silver Nanowires after Acute Exposure: Tissue vs. Cell Models. <i>Nanomaterials</i> , 2018 , 8,	5.4	11

14	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	4	10
13	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, 4654206	6.7	10
12	Combination of Aβ 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, 17422-44	6.3	10
11	Long-term Genoprotection Effect of Sechium edule Fruit Extract Against UVA Irradiation in Keratinocytes. <i>Photochemistry and Photobiology</i> , 2018 , 94, 343-350	3.6	10
10	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, 214-23	4.1	9
9	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	5.2	8
8	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	4.5	8
7	Effects of Iron Oxide Nanoparticles (FeO) 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,	6.3	7
6	Keratinocyte stem cells are more resistant to UVA radiation than their direct progeny. <i>PLoS ONE</i> , 2018 , 13, e0203863	3.7	6
5	Loss of Epidermal HIF-1α Blocks UVB-Induced Tumorigenesis by Affecting DNA Repair Capacity and Oxidative Stress. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 2016-2028.e7	4.3	5
4	The effects of the cellular and infectious prion protein on the neuronal adaptor protein X11α. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 2213-21	4	2
3	Xeroderma Pigmentosum C: A Valuable Tool to Decipher the Signaling Pathways in Skin Cancers. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6689403	6.7	2
2	High-throughput synthetic rescue for exhaustive characterization of suppressor mutations in human genes. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 4209-4222	10.3	1
1	Impairment of Base Excision Repair in Dermal Fibroblasts Isolated From Nevoid Basal Cell Carcinoma Patients. <i>Frontiers in Oncology</i> , 2020 , 10, 1551	5.3	1