

Stuart G Jarrett

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,565
citations

331259

21
h-index

414034

32
g-index

38
all docs

38
docs citations

38
times ranked

5765
citing authors

#	ARTICLE	IF	CITATIONS
1	UV Radiation and the Skin. <i>International Journal of Molecular Sciences</i> , 2013, 14, 12222-12248.	1.8	1,295
2	Consequences of oxidative stress in age-related macular degeneration. <i>Molecular Aspects of Medicine</i> , 2012, 33, 399-417.	2.7	412
3	Blue Light Induces Mitochondrial DNA Damage and Free Radical Production in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 21061-21066.	1.6	358
4	Mitochondrial DNA damage and its potential role in retinal degeneration. <i>Progress in Retinal and Eye Research</i> , 2008, 27, 596-607.	7.3	231
5	The ketogenic diet increases mitochondrial glutathione levels. <i>Journal of Neurochemistry</i> , 2008, 106, 1044-1051.	2.1	195
6	Melatonin and its metabolites protect human melanocytes against UVB-induced damage: Involvement of NRF2-mediated pathways. <i>Scientific Reports</i> , 2017, 7, 1274.	1.6	124
7	Protective effects of novel derivatives of vitamin D3 and lumisterol against UVB-induced damage in human keratinocytes involve activation of Nrf2 and p53 defense mechanisms. <i>Redox Biology</i> , 2019, 24, 101206.	3.9	105
8	Mitochondrial DNA damage and impaired base excision repair during epileptogenesis. <i>Neurobiology of Disease</i> , 2008, 30, 130-138.	2.1	97
9	The Importance of Mitochondria in Age-Related and Inherited Eye Disorders. <i>Ophthalmic Research</i> , 2010, 44, 179-190.	1.0	91
10	Melatonin and its metabolites ameliorate ultraviolet B-induced damage in human epidermal keratinocytes. <i>Journal of Pineal Research</i> , 2014, 57, 90-102.	3.4	84
11	Antioxidant up-regulation and increased nuclear DNA protection play key roles in adaptation to oxidative stress in epithelial cells. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1382-1391.	1.3	71
12	Metastasis Suppressor NM23-H1 Promotes Repair of UV-Induced DNA Damage and Suppresses UV-Induced Melanomagenesis. <i>Cancer Research</i> , 2012, 72, 133-143.	0.4	48
13	Defining the Contribution of MC1R Physiological Ligands to ATR Phosphorylation at Ser435, a Predictor of DNA Repair in Melanocytes. <i>Journal of Investigative Dermatology</i> , 2015, 135, 3086-3095.	0.3	46
14	Chelation of Mitochondrial Iron Prevents Seizure-Induced Mitochondrial Dysfunction and Neuronal Injury. <i>Journal of Neuroscience</i> , 2008, 28, 11550-11556.	1.7	44
15	The contribution of DNA repair and antioxidants in determining cell type-specific resistance to oxidative stress. <i>Free Radical Research</i> , 2006, 40, 1155-1165.	1.5	38
16	YNK1, the yeast homolog of human metastasis suppressor NM23, is required for repair of UV radiation- and etoposide-induced DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 660, 74-78.	0.4	35
17	Sirtuin 1-mediated deacetylation of XPA DNA repair protein enhances its interaction with ATR protein and promotes cAMP-induced DNA repair of UV damage. <i>Journal of Biological Chemistry</i> , 2018, 293, 19025-19037.	1.6	30
18	NM23 deficiency promotes metastasis in a UV radiation-induced mouse model of human melanoma. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 25-36.	1.7	26

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19	Poly(ADP-Ribose) Polymerase Offers Protection against Oxidative and Alkylation Damage to the Nuclear and Mitochondrial Genomes of the Retinal Pigment Epithelium. <i>Ophthalmic Research</i> , 2007, 39, 213-223.	1.0	24
20	Potential contributions of antimutator activity to the metastasis suppressor function of NM23-H1. <i>Molecular and Cellular Biochemistry</i> , 2009, 329, 161-165.	1.4	14
21	Multiple mechanisms underlie metastasis suppressor function of NM23-H1 in melanoma. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 384, 433-438.	1.4	13
22	Dual functions of NME1 in suppression of cell motility and enhancement of genomic stability in melanoma. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 199-206.	1.4	12
23	cAMP-mediated regulation of melanocyte genomic instability: A melanoma-preventive strategy. <i>Advances in Protein Chemistry and Structural Biology</i> , 2019, 115, 247-295.	1.0	12
24	Assessment of Mitochondrial Damage in Retinal Cells and Tissues Using Quantitative Polymerase Chain Reaction for Mitochondrial DNA Damage and Extracellular Flux Assay for Mitochondrial Respiration Activity. <i>Methods in Molecular Biology</i> , 2012, 935, 227-243.	0.4	11
25	Dietary antioxidants provide differential subcellular protection in epithelial cells. <i>Redox Report</i> , 2006, 11, 144-152.	1.4	10
26	Divergence of cAMP signalling pathways mediating augmented nucleotide excision repair and pigment induction in melanocytes. <i>Experimental Dermatology</i> , 2017, 26, 577-584.	1.4	8
27	Hormonal Regulation of the Repair of UV Photoproducts in Melanocytes by the Melanocortin Signaling Axis. <i>Photochemistry and Photobiology</i> , 2017, 93, 245-258.	1.3	7
28	Melanoma "Epidemiology, Genetics and Risk Factors. , 2013, , .		2
29	Metastasis Suppressor NME1 Modulates Choice of Double-Strand Break Repair Pathways in Melanoma Cells by Enhancing Alternative NHEJ while Inhibiting NHEJ and HR. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5896.	1.8	2
30	The Role of Mitochondrial Oxidative Stress in Retinal Dysfunction. , 2012, , 203-239.		1
31	Ctrling <scp>BRAF</scp> signaling with copper. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 689-691.	1.5	0
32	Using large public data repositories to discover novel genetic mutations with prospective links to melanoma. <i>BMC Bioinformatics</i> , 2015, 16, .	1.2	0
33	Cutaneous Hormonal Control of Melanocyte DNA Repair through Camp Signaling. <i>Journal of Carcinogenesis & Mutagenesis</i> , 2015, 06, .	0.3	0