Stuart G Jarrett

List of Publications by Year
in descending order

33	3,565	331259	414034
papers	citations	21 h-index	32 g-index

38	38	38	5765
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metastasis Suppressor NME1 Modulates Choice of Double-Strand Break Repair Pathways in Melanoma Cells by Enhancing Alternative NHEJ while Inhibiting NHEJ and HR. International Journal of Molecular Sciences, 2020, 21, 5896.	1.8	2
2	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. Redox Biology, 2019, 24, 101206.	3.9	105
3	cAMP-mediated regulation of melanocyte genomic instability: A melanoma-preventive strategy. Advances in Protein Chemistry and Structural Biology, 2019, 115, 247-295.	1.0	12
4	Sirtuin 1-mediated deacetylation of XPA DNA repair protein enhances its interaction with ATR protein and promotes cAMP-induced DNA repair of UV damage. Journal of Biological Chemistry, 2018, 293, 19025-19037.	1.6	30
5	Divergence of cAMP signalling pathways mediating augmented nucleotide excision repair and pigment induction in melanocytes. Experimental Dermatology, 2017, 26, 577-584.	1.4	8
6	Melatonin and its metabolites protect human melanocytes against UVB-induced damage: Involvement of NRF2-mediated pathways. Scientific Reports, 2017, 7, 1274.	1.6	124
7	Hormonal Regulation of the Repair of UV Photoproducts in Melanocytes by the Melanocortin Signaling Axis. Photochemistry and Photobiology, 2017, 93, 245-258.	1.3	7
8	Using large public data repositories to discover novel genetic mutations with prospective links to melanoma. BMC Bioinformatics, 2015, 16, .	1.2	0
9	Defining the Contribution of MC1R Physiological Ligands to ATR Phosphorylation at Ser435, a Predictor of DNA Repair in Melanocytes. Journal of Investigative Dermatology, 2015, 135, 3086-3095.	0.3	46
10	Dual functions of NME1 in suppression of cell motility and enhancement of genomic stability in melanoma. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 199-206.	1.4	12
11	Cutaneous Hormonal Control of Melanocyte DNA Repair through Camp Signaling. Journal of Carcinogenesis & Mutagenesis, 2015, 06, .	0.3	0
12	Ctr1â€ing <scp>BRAF</scp> signaling with copper. Pigment Cell and Melanoma Research, 2014, 27, 689-691.	1.5	0
13	Melatonin and its metabolites ameliorate ultraviolet Bâ€induced damage in human epidermal keratinocytes. Journal of Pineal Research, 2014, 57, 90-102.	3.4	84
14	UV Radiation and the Skin. International Journal of Molecular Sciences, 2013, 14, 12222-12248.	1.8	1,295
15	NM23 deficiency promotes metastasis in a UV radiation-induced mouse model of human melanoma. Clinical and Experimental Metastasis, 2013, 30, 25-36.	1.7	26
16	Melanoma â€" Epidemiology, Genetics and Risk Factors. , 2013, , .		2
17	Metastasis Suppressor NM23-H1 Promotes Repair of UV-Induced DNA Damage and Suppresses UV-Induced Melanomagenesis. Cancer Research, 2012, 72, 133-143.	0.4	48
18	Consequences of oxidative stress in age-related macular degeneration. Molecular Aspects of Medicine, 2012, 33, 399-417.	2.7	412

#	Article	IF	Citations
19	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. Methods in Molecular Biology, 2012, 935, 227-243.	0.4	11
20	The Role of Mitochondrial Oxidative Stress in Retinal Dysfunction. , 2012, , 203-239.		1
21	Multiple mechanisms underlie metastasis suppressor function of NM23-H1 in melanoma. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 433-438.	1.4	13
22	The Importance of Mitochondria in Age-Related and Inherited Eye Disorders. Ophthalmic Research, 2010, 44, 179-190.	1.0	91
23	YNK1, the yeast homolog of human metastasis suppressor NM23, is required for repair of UV radiation- and etoposide-induced DNA damage. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 660, 74-78.	0.4	35
24	Potential contributions of antimutator activity to the metastasis suppressor function of NM23-H1. Molecular and Cellular Biochemistry, 2009, 329, 161-165.	1.4	14
25	The ketogenic diet increases mitochondrial glutathione levels. Journal of Neurochemistry, 2008, 106, 1044-1051.	2.1	195
26	Mitochondrial DNA damage and its potential role in retinal degeneration. Progress in Retinal and Eye Research, 2008, 27, 596-607.	7.3	231
27	Mitochondrial DNA damage and impaired base excision repair during epileptogenesis. Neurobiology of Disease, 2008, 30, 130-138.	2.1	97
28	Chelation of Mitochondrial Iron Prevents Seizure-Induced Mitochondrial Dysfunction and Neuronal Injury. Journal of Neuroscience, 2008, 28, 11550-11556.	1.7	44
29	Poly(ADP-Ribose) Polymerase Offers Protection against Oxidative and Alkylation Damage to the Nuclear and Mitochondrial Genomes of the Retinal Pigment Epithelium. Ophthalmic Research, 2007, 39, 213-223.	1.0	24
30	Dietary antioxidants provide differential subcellular protection in epithelial cells. Redox Report, 2006, 11, 144-152.	1.4	10
31	The contribution of DNA repair and antioxidants in determining cell type-specific resistance to oxidative stress. Free Radical Research, 2006, 40, 1155-1165.	1.5	38
32	Antioxidant up-regulation and increased nuclear DNA protection play key roles in adaptation to oxidative stress in epithelial cells. Free Radical Biology and Medicine, 2005, 38, 1382-1391.	1.3	71
33	Blue Light Induces Mitochondrial DNA Damage and Free Radical Production in Epithelial Cells. Journal of Biological Chemistry, 2005, 280, 21061-21066.	1.6	358