

# Patrick J Rochette

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

897  
citations

471509

17  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1379  
citing authors

#	ARTICLE	IF	CITATIONS
1	UVA-induced cyclobutane pyrimidine dimers form predominantly at thymine-thymine dipyrimidines and correlate with the mutation spectrum in rodent cells. <i>Nucleic Acids Research</i> , 2003, 31, 2786-2794.	14.5	195
2	Human Telomeres Are Hypersensitive to UV-Induced DNA Damage and Refractory to Repair. <i>PLoS Genetics</i> , 2010, 6, e1000926.	3.5	107
3	SW480, a p53 Double-mutant Cell Line Retains Proficiency for Some p53 Functions. <i>Journal of Molecular Biology</i> , 2005, 352, 44-57.	4.2	77
4	Influence of cytosine methylation on ultraviolet-induced cyclobutane pyrimidine dimer formation in genomic DNA. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 665, 7-13.	1.0	57
5	Progressive apoptosis resistance prior to senescence and control by the anti-apoptotic protein BCL-xL. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 207-214.	4.6	45
6	Wavelength-dependent ultraviolet induction of cyclobutane pyrimidine dimers in the human cornea. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1310-1318.	2.9	41
7	Ultraviolet A-induced oxidation in cornea: Characterization of the early oxidation-related events. <i>Free Radical Biology and Medicine</i> , 2017, 108, 118-128.	2.9	32
8	Faster DNA Repair of Ultraviolet-Induced Cyclobutane Pyrimidine Dimers and Lower Sensitivity to Apoptosis in Human Corneal Epithelial Cells than in Epidermal Keratinocytes. <i>PLoS ONE</i> , 2016, 11, e0162212.	2.5	31
9	Implication of ultraviolet light in the etiology of uveal melanoma: A review. <i>Photochemistry and Photobiology</i> , 2014, 90, 15-21.	2.5	28
10	Human cells bearing homozygous mutations in the DNA mismatch repair genes hMLH1 or hMSH2 are fully proficient in transcription-coupled nucleotide excision repair. <i>Oncogene</i> , 2002, 21, 5743-5752.	5.9	27
11	Bcl-2 is the target of a UV-inducible apoptosis switch and a node for UV signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11286-11291.	7.1	27
12	Ultraviolet Light-Induced Cyclobutane Pyrimidine Dimers in Rabbit Eyes. <i>Photochemistry and Photobiology</i> , 2011, 87, 1363-1368.	2.5	24
13	Pyrimidine (6-4) Pyrimidone Photoproduct Mapping After Sublethal UVC Doses: Nucleotide Resolution Using Terminal Transferase-dependent PCR. <i>Photochemistry and Photobiology</i> , 2006, 82, 1370.	2.5	23
14	Restoration of Mitochondrial Integrity, Telomere Length, and Sensitivity to Oxidation by In Vitro Culture of Fuchs' Endothelial Corneal Dystrophy Cells. , 2016, 57, 5926.		23
15	Persistence and Tolerance of DNA Damage Induced by Chronic UVB Irradiation of the Human Genome. <i>Journal of Investigative Dermatology</i> , 2018, 138, 405-412.	0.7	21
16	Mitochondrial DNA common deletion in the human eye: A relation with corneal aging. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 68-74.	4.6	20
17	Modifications in stromal extracellular matrix of aged corneas can be induced by ultraviolet A irradiation. <i>Aging Cell</i> , 2015, 14, 433-442.	6.7	19
18	The 3895-bp mitochondrial DNA deletion in the human eye: a potential involvement in corneal ageing and macular degeneration. <i>Mutagenesis</i> , 2013, 28, 197-204.	2.6	17

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19	Enhancement of UVB-induced DNA damage repair after a chronic low-dose UVB pre-stimulation. DNA Repair, 2018, 63, 56-62.	2.8	15
20	Impact of ultraviolet radiation on dermal and epidermal DNA damage in a human pigmented bilayered skin substitute. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 2300-2311.	2.7	13
21	Absorption of blue light by cigarette smoke components is highly toxic for retinal pigmented epithelial cells. Archives of Toxicology, 2019, 93, 453-465.	4.2	13
22	Apoptosis, the only cell death pathway that can be measured in human diploid dermal fibroblasts following lethal UVB irradiation. Scientific Reports, 2020, 10, 18946.	3.3	12
23	Telomere Length Measurement in Different Ocular Structures: A Potential Implication in Corneal Endothelium Pathogenesis. , 2016, 57, 5547.		10
24	Influence of a pre-stimulation with chronic low-dose UVB on stress response mechanisms in human skin fibroblasts. PLoS ONE, 2017, 12, e0173740.	2.5	8
25	Chronic UVA1 Irradiation of Human Dermal Fibroblasts: Persistence of DNA Damage and Validation of a Cell Culture-Based Model of Photoaging. Journal of Investigative Dermatology, 2019, 139, 1821-1824.e3.	0.7	4
26	The Influence of Blue-Filtering Intraocular Lenses Implant on Exudative Age-Related Macular Degeneration: A Case-Control Study. Clinical Ophthalmology, 2021, Volume 15, 2287-2292.	1.8	4
27	Short wavelengths filtering properties of sunglasses on the Canadian market: are we protected?. Canadian Journal of Ophthalmology, 2018, 53, 104-109.	0.7	2
28	The use of tissue-engineered skin to demonstrate the negative effect of CXCL5 on epidermal ultraviolet radiation-induced cyclobutane pyrimidine dimer repair efficiency. British Journal of Dermatology, 2021, 184, 123-132.	1.5	2
29	The T414G mitochondrial DNA mutation: a biomarker of ageing in human eye. Mutagenesis, 2021, 36, 187-192.	2.6	0