Antony R Young

List of Publications by Year
in descending order

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205 papers	8,667 citations	28274 55 h-index	56724 83 g-index
212 all docs	212 docs citations	212 times ranked	6251 citing authors

#	Article	IF	Citations
1	Chromophores in human skin. Physics in Medicine and Biology, 1997, 42, 789-802.	3.0	277
2	Melanogenesis: a photoprotective response to DNA damage?. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 571, 121-132.	1.0	211
3	The Similarity of Action Spectra for Thymine Dimers in Human Epidermis and Erythema Suggests that DNA is the Chromophore for Erythema. Journal of Investigative Dermatology, 1998, 111, 982-988.	0.7	204
4	Acute effects of UVR on human eyes and skin. Progress in Biophysics and Molecular Biology, 2006, 92, 80-85.	2.9	203
5	Ultraviolet radiation and the skin: Photobiology and sunscreen photoprotection. Journal of the American Academy of Dermatology, 2017, 76, S100-S109.	1.2	196
6	Matrix metalloproteinase-1 and skin ageing in smokers. Lancet, The, 2001, 357, 935-936.	13.7	194
7	Environmental effects of ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2017. Photochemical and Photobiological Sciences, 2018, 17, 127-179.	2.9	177
8	Sensitivity to Sunburn Is Associated with Susceptibility to Ultraviolet Radiationâ€“Induced Suppression of Cutaneous Cellâ€“Mediated Immunity. Journal of Experimental Medicine, 2000, 191, 561-566.	8.5	169
9	Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future. Nature Sustainability, 2019, 2, 569-579.	23.7	156
10	Deep phenotyping of 89 xeroderma pigmentosum patients reveals unexpected heterogeneity dependent on the precise molecular defect. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1236-45.	7.1	151
11	Human health in relation to exposure to solar ultraviolet radiation under changing stratospheric ozone and climate. Photochemical and Photobiological Sciences, 2019, 18, 641-680.	2.9	138
12	The In Situ Repair Kinetics of Epidermal Thymine Dimers and 6-4 Photoproducts in Human Skin Types I and II. Journal of Investigative Dermatology, 1996, 106, 1307-1313.	0.7	133
13	Ultraviolet radiation-induced erythema in human skin. Methods, 2002, 28, 14-19.	3.8	132
14	The consequences for human health of stratospheric ozone depletion in association with other environmental factors. Photochemical and Photobiological Sciences, 2014, 14, 53-87.	2.9	122
15	UVA1 Induces Cyclobutane Pyrimidine Dimers but Not 6-4 Photoproducts in Human Skin In Vivo. Journal of Investigative Dermatology, 2012, 132, 394-400.	0.7	119
16	Repeated Ultraviolet Exposure Affords the Same Protection Against DNA Photodamage and Erythema in Human Skin Types II and IV but is Associated with Faster DNA Repair in Skin Type IV. Journal of Investigative Dermatology, 2002, 118, 825-829.	0.7	117
17	Comparative quantification of IL-1Î², IL-10, IL-10r, TNFÎ± and IL-7 mRNA levels in UV-irradiated human skin in vivo. Inflammation Research, 2000, 49, 290-296.	4.0	115
18	Sunscreen photoprotection and vitamin D status. British Journal of Dermatology, 2019, 181, 916-931.	1.5	115

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19	Photodamage to human skin by suberythemal exposure to solar ultraviolet radiation can be attenuated by sunscreens: a review. British Journal of Dermatology, 2010, 163, 903-914.	1.5	111
20	The molecular determinants of sunburn cell formation. Experimental Dermatology, 2001, 10, 155-160.	2.9	110
21	A comparison of the phototumorigenic potential of 8-MOP and 5-MOP in hairless albino mice exposed to solar simulated radiation. British Journal of Dermatology, 1983, 108, 507-518.	1.5	106
22	The detection of cyclobutane thymine dimers, (6-4) photolesions and the Dewar photoisomers in sections of UV-irradiated human skin using specific antibodies, and the demonstration of depth penetration effects. Journal of Photochemistry and Photobiology B: Biology, 1995, 28, 163-170.	3.8	105
23	Human Melanocytes and Keratinocytes Exposed to UVB or UVA In Vivo Show Comparable Levels of Thymine Dimers. Journal of Investigative Dermatology, 1998, 111, 936-940.	0.7	100
24	Mycosporine-Like Amino Acids for Skin Photoprotection. Current Medicinal Chemistry, 2019, 25, 5512-5527.	2.4	99
25	In Situ Repair of Cyclobutane Pyrimidine Dimers and 6â€“4 Photoproducts in Human Skin Exposed to Solar Simulating Radiation. Journal of Investigative Dermatology, 1999, 112, 326-331.	0.7	93
26	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. Photochemical and Photobiological Sciences, 2021, 20, 1-67.	2.9	93
27	The UV/Visible Radiation Boundary Region (385â€“405â€‰nm) Damages Skin Cells and Induces â€œdarkâ€• Cyclobutane Pyrimidine Dimers in Human Skin in vivo. Scientific Reports, 2018, 8, 12722.	3.3	91
28	Suppressed Alloantigen Presentation, Increased TNF-Î±, IL-1, IL-1Ra, IL-10, and Modulation of TNF-R in UV-Irradiated Human Skin. Journal of Investigative Dermatology, 1999, 112, 692-698.	0.7	88
29	Ultraviolet-Radiation-Induced Erythema and Suppression of Contact Hypersensitivity Responses in Patients with Polymorphic Light Eruption. Journal of Investigative Dermatology, 2004, 122, 295-299.	0.7	87
30	UltravioletâB induced inflammation of human skin: Characterisation and comparison with traditional models of hyperlagesia. European Journal of Pain, 2009, 13, 524-532.	2.8	85
31	Relationship Between p53 Codon 72 Polymorphism and Susceptibility to Sunburn and Skin Cancer. Journal of Investigative Dermatology, 2002, 119, 84-90.	0.7	83
32	Tanning in Human Skin Types II and III Offers Modest Photoprotection Against Erythema. Photochemistry and Photobiology, 1998, 68, 588-592.	2.5	82
33	Characterisation of ultraviolet-B-induced inflammation as a model of hyperalgesia in the rat. Pain, 2007, 131, 70-82.	4.2	82
34	The impact of skin colour on human photobiological responses. Pigment Cell and Melanoma Research, 2016, 29, 607-618.	3.3	82
35	UVA sunbeds: tanning, photoprotection, acute adverse effects and immunological changes. British Journal of Dermatology, 1989, 120, 767-777.	1.5	81
36	Photoprotection and vitamin D status. Journal of Photochemistry and Photobiology B: Biology, 2010, 101, 160-168.	3.8	77

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37	Melanin distribution in human epidermis affords localized protection against DNA photodamage and concurs with skin cancer incidence difference in extreme phototypes. FASEB Journal, 2018, 32, 3700-3706.	0.5	77
38	Sun and Ski Holidays Improve Vitamin D Status, but Are Associated with High Levels of DNA Damage. Journal of Investigative Dermatology, 2014, 134, 2806-2813.	0.7	74
39	MOUSE SKIN PHOTOSENSITIVITY WITH DIHAEMATOPORPHYRIN ETHER (DHE) AND ALUMINIUM SULPHONATED PHTHALOCYANINE (AlSPc).. Photochemistry and Photobiology, 1989, 49, 305-312.	2.5	73
40	Measurement of Sunscreen Immune Protection Factors in Humans: A Consensus Paper. Journal of Investigative Dermatology, 2005, 125, 403-409.	0.7	73
41	Insufficient Sun Exposure Has Become a Real Public Health Problem. International Journal of Environmental Research and Public Health, 2020, 17, 5014.	2.6	71
42	Photoprotection and 5-MOP Photochemoprotection from UVR-Induced DNA Damage in Humans: The Role of Skin Type. Journal of Investigative Dermatology, 1991, 97, 942-948.	0.7	70
43	Enzyme therapy of xeroderma pigmentosum: safety and efficacy testing of T4N5 liposome lotion containing a prokaryotic DNA repair enzyme. Photodermatology Photoimmunology and Photomedicine, 1996, 12, 122-130.	1.5	69
44	4-thiothymidine sensitization of DNA to UVA offers potential for a novel photochemotherapy. Photochemical and Photobiological Sciences, 2012, 11, 148-154.	2.9	67
45	Protection by Ultraviolet A and B Sunscreens Against In Situ Dipyrimidine Photolesions in Human Epidermis is Comparable to Protection Against Sunburn. Journal of Investigative Dermatology, 2000, 115, 37-41.	0.7	66
46	UVA1 is skin deep: molecular and clinical implications. Photochemical and Photobiological Sciences, 2012, 12, 95-103.	2.9	65
47	Effects of piperine analogues on stimulation of melanocyte proliferation and melanocyte differentiation. Bioorganic and Medicinal Chemistry, 2004, 12, 1905-1920.	3.0	63
48	Upregulation of MMP12 and Its Activity by UVA1 in Human Skin: Potential Implications for Photoaging. Journal of Investigative Dermatology, 2014, 134, 2598-2609.	0.7	62
49	Tanning Devices - Fast Track to Skin Cancer?. Pigment Cell & Melanoma Research, 2004, 17, 2-9.	3.6	60
50	A Commercial Sunscreen's Protection Against Ultraviolet Radiation-induced Immunosuppression is More Than 50% Lower Than Protection Against Sunburn in Humans. Journal of Investigative Dermatology, 2003, 120, 1-7.	0.7	59
51	Optimal sunscreen use, during a sun holiday with a very high ultraviolet index, allows vitamin D synthesis without sunburn. British Journal of Dermatology, 2019, 181, 1052-1062.	1.5	59
52	Environmental effects of stratospheric ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2019. Photochemical and Photobiological Sciences, 2020, 19, 542-584.	2.9	59
53	UVB-Induced Collagen Changes in the Skin of the Hairless Albino Mouse. Journal of Investigative Dermatology, 1987, 88, 145-148.	0.7	58
54	Ultraviolet Radiation-Induced Inflammation as a Model for Cutaneous Hyperalgesia. Journal of Investigative Dermatology, 2004, 122, 183-189.	0.7	58

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55	DNA Damage in UV-irradiated Human Skinin Vivo: Automated Direct Measurement by Image Analysis (Thymine Dimers) Compared with Indirect Measurement (Unscheduled DNA Synthesis) and Protection by 5-methoxypsoralen. International Journal of Radiation Biology, 1993, 63, 313-324.	1.8	57
56	Ultraviolet-B-induced mechanical hyperalgesia: A role for peripheral sensitisation. Pain, 2010, 150, 141-152.	4.2	57
57	FAILURE OF UVR DOSE RECIPROCITY FOR SKIN TUMORIGENESIS IN HAIRLESS MICE TREATED WITH 8â€METHOXYPSORALEN. Photochemistry and Photobiology, 1985, 42, 39-42.	2.5	56
58	A single exposure of solar simulated radiation suppresses contact hypersensitivity responses both locally and systemically in humans: quantitative studies with high-frequency ultrasound. Journal of Photochemistry and Photobiology B: Biology, 1998, 44, 130-142.	3.8	56
59	cis-Urocanic Acid Initiates Gene Transcription in Primary Human Keratinocytes. Journal of Immunology, 2008, 181, 217-224.	0.8	55
60	The mycosporine-like amino acids porphyra-334 and shinorine are antioxidants and direct antagonists of Keap1-Nrf2 binding. Biochimie, 2018, 154, 35-44.	2.6	54
61	Improved Protection Against Solar-Simulated Radiation-Induced Immunosuppression by a Sunscreen with Enhanced Ultraviolet A Protection. Journal of Investigative Dermatology, 2000, 114, 620-627.	0.7	51
62	The sunburn cell revisited: an update on mechanistic aspects. Photochemical and Photobiological Sciences, 2002, 1, 365-377.	2.9	51
63	Low-dose ultraviolet-B irradiation depletes human epidermal Langerhans cells. British Journal of Dermatology, 1993, 129, 674-677.	1.5	50
64	Molecular photoprotection of human keratinocytes in vitro by the naturally occurring mycosporine-like amino acid palythine. British Journal of Dermatology, 2018, 178, 1353-1363.	1.5	50
65	The Soluble Eumelanin Precursor 5,6â€Dihydroxyindoleâ€2â€carboxylic Acid Enhances Oxidative Damage in Human Keratinocyte DNA after UVA Irradiationâ€¡. Photochemistry and Photobiology, 1999, 70, 191-198.	2.5	49
66	Photocarcinogenicity of psoralens used in PUVA treatment: Present status in mouse and man. Journal of Photochemistry and Photobiology B: Biology, 1990, 6, 237-247.	3.8	48
67	Vitamin E inhibits the UVAI induction of â€œlightâ€•and â€œdarkâ€•cyclobutane pyrimidine dimers, and oxidatively generated DNA damage, in keratinocytes. Scientific Reports, 2018, 8, 423.	3.3	48
68	An action spectrum for 8-MOP induced sunburn cells in mammalian epidermis. British Journal of Dermatology, 1981, 104, 541-548.	1.5	47
69	The Detrimental Effects of Daily Sub-Erythemal Exposure on Human Skin In Vivo Can Be Prevented by a Daily-Care Broad-Spectrum Sunscreen. Journal of Investigative Dermatology, 2007, 127, 975-978.	0.7	47
70	Cumulative effects of ultraviolet radiation on the skin: cancer and photoaging. Seminars in Dermatology, 1990, 9, 25-31.	0.6	46
71	In vivo evaluation of piperine and synthetic analogues as potential treatments for vitiligo using a sparsely pigmented mouse model. British Journal of Dermatology, 2008, 158, 941-950.	1.5	45
72	The 0.8% ultraviolet B content of an ultraviolet A sunlamp induces 75% of cyclobutane pyrimidine dimers in human keratinocytesin vitro. British Journal of Dermatology, 1999, 140, 1023-1030.	1.5	44

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73	UVA hazards in skin associated with the use of tanning equipment. Journal of Photochemistry and Photobiology B: Biology, 1989, 3, 281-287.	3.8	41
74	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021. Photochemical and Photobiological Sciences, 2022, 21, 275-301.	2.9	40
75	Genotoxicity of bergapten and bergamot oil in Saccharomyces cerevisiae. Journal of Photochemistry and Photobiology B: Biology, 1990, 7, 209-229.	3.8	39
76	THE ACTION SPECTRUM FOR INDUCTION OF CHRONIC ACTINIC DERMATITIS IS SIMILAR TO THAT FOR SUNBURN INFLAMMATION. Photochemistry and Photobiology, 1995, 62, 976-979.	2.5	38
77	In vivo AND PHOTOPHYSICAL STUDIES ON PHOTOOXIDATIVE DAMAGE TO LENS PROTEINS AND THEIR PROTECTION BY RADIOPROTECTORS. Photochemistry and Photobiology, 1991, 53, 33-38.	2.5	37
78	Induction of mRNA for Matrix Metalloproteinase 1 and Tissue Inhibitor of Metalloproteinases 1 in Human Skin in vivo by Solar Simulated RadiationÂ¶. Photochemistry and Photobiology, 2001, 73, 657.	2.5	37
79	Ultraviolet A1 phototherapy: a British Photodermatology Group workshop report. Clinical and Experimental Dermatology, 2012, 37, 219-226.	1.3	36
80	Melanin has a Small Inhibitory Effect on Cutaneous Vitamin D Synthesis: A Comparison of Extreme Phenotypes. Journal of Investigative Dermatology, 2020, 140, 1418-1426.e1.	0.7	36
81	Photoadaptation during Narrowband Ultraviolet-B Therapy Is Independent of Skin Type: A Study of 352 Patients. Journal of Investigative Dermatology, 2006, 126, 1256-1263.	0.7	35
82	LASER DOPPLER VELOCIMETRY TO QUANTIFY UV-B INDUCED INCREASE IN HUMAN SKIN BLOOD FLOW. Photochemistry and Photobiology, 1985, 42, 385-390.	2.5	34
83	Sunscreens Offer the Same UVB Protection Factors for Inflammation and Immunosuppression in the Mouse. Journal of Investigative Dermatology, 1997, 108, 133-138.	0.7	34
84	Determinants of personal ultraviolet-radiation exposure doses on a sun holiday. British Journal of Dermatology, 2013, 168, 1073-1079.	1.5	34
85	Sunscreens, suntans, and skin cancer. BMJ: British Medical Journal, 1996, 312, 1621-1622.	2.3	34
86	Novel Aspects of Intrinsic and Extrinsic Aging of Human Skin: Beneficial Effects of Soy Extract. Photochemistry and Photobiology, 2004, 81, 581-7.	2.5	33
87	The sunburn cell. Photo-dermatology, 1987, 4, 127-34.	0.1	33
88	Inhibition of UV Radiation-Induced DNA Damage by a 5-Methoxypsoralen Tan in Human Skin. Pigment Cell & Melanoma Research, 1988, 1, 350-354.	3.6	32
89	A Sunscreen's Labeled Sun Protection Factor May Overestimate Protection at Temperate Latitudes: A Human In Vivo Study. Journal of Investigative Dermatology, 2010, 130, 2457-2462.	0.7	32
90	PUVA TREATMENT STRATEGIES AND CANCER RISK. Lancet, The, 1986, 327, 150-151.	13.7	31

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91	Identification of potentially cytotoxic lesions induced by UVA photoactivation of DNA 4-thiothymidine in human cells. Nucleic Acids Research, 2011, 39, 9620-9632.	14.5	31
92	Sunscreens with low sun protection factor inhibit ultraviolet B and A photoaging in the skin of the hairless albino mouse. Photodermatology Photoimmunology and Photomedicine, 1991, 8, 12-20.	1.5	30
93	Sunscreen applied at â‰¥ 2 mg cm ^{â^'2} during a sunny holiday prevents erythema, a biomarker of ultraviolet radiationâ€induced <scp>DNA</scp> damage and suppression of acquired immunity. British Journal of Dermatology, 2019, 180, 604-614.	1.5	29
94	Early Changes in Dermal Collagen of Mice Exposed to Chronic UVB Irradiation and the Effects of a UVB Sunscreen. Journal of Investigative Dermatology, 1988, 91, 590-592.	0.7	28
95	DETECTION OF UVR-INDUCED DNA DAMAGE IN MOUSE EPIDERMIS in vivo USING ALKALINE ELUTION. Photochemistry and Photobiology, 1995, 61, 149-158.	2.5	28
96	Physical Determinants of Vitamin D Photosynthesis: A Review. JBMR Plus, 2021, 5, e10460.	2.7	28
97	Phototumorigenesis studies of 5-methoxypsoralen in bergamot oil: Evaluation and modification of risk of human use in an albino mouse skin model. Journal of Photochemistry and Photobiology B: Biology, 1990, 7, 231-250.	3.8	27
98	Dose and time effects of solarâ€simulated ultraviolet radiation on the inÂvivo human skin transcriptome. British Journal of Dermatology, 2020, 182, 1458-1468.	1.5	27
99	A simple method to assess severity of polymorphic light eruption. British Journal of Dermatology, 2004, 151, 645-652.	1.5	26
100	An action spectrum (290â€“320 nm) for TNFÎ± protein in human skinin vivosuggests that basal-layer epidermal DNA is the chromophore. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19051-19054.	7.1	26
101	An Optimal Method for Experimental Provocation of Polymorphic Light Eruption. Archives of Dermatology, 2004, 140, 286-92.	1.4	25
102	A revised action spectrum for vitamin D synthesis by suberythemal UV radiation exposure in humans in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
103	Relationship between the ability of sunscreens containing 2-ethylhexyl-4â€²-methoxycinnamate to protect against UVR-induced inflammation, depletion of epidermal Langerhans (Ia+) cells and suppression of alloactivating capacity of murine skin in vivo. Journal of Photochemistry and Photobiology B: Biology, 1994, 22, 29-36.	3.8	23
104	A broadâ€spectrum sunscreen prevents cumulative damage from repeated exposure to subâ€erythemal solar ultraviolet radiation representative of temperate latitudes. Journal of the European Academy of Dermatology and Venereology, 2010, 24, 219-222.	2.4	22
105	Modification of 5-Methoxypsoralen Phototumorigenesis by UVB Sunscreens: A Statistical and Histologic Study in the Hairless Albino Mouse. Journal of Investigative Dermatology, 1987, 89, 611-617.	0.7	21
106	UV Radiation, Vitamin D and Human Health: An Unfolding Controversy Introduction. Photochemistry and Photobiology, 2005, 81, 1243.	2.5	21
107	cis-Urocanic Acid Stimulates Primary Human Keratinocytes Independently of Serotonin or Platelet-Activating Factor Receptors. Journal of Investigative Dermatology, 2009, 129, 2567-2573.	0.7	21
108	cis-Urocanic Acid Enhances Prostaglandin E2 Release and Apoptotic Cell Death via Reactive Oxygen Species in Human Keratinocytes. Journal of Investigative Dermatology, 2011, 131, 1262-1271.	0.7	21

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109	Human erythema and matrix metalloproteinase-1 mRNA induction, in vivo, share an action spectrum which suggests common chromophores. Photochemical and Photobiological Sciences, 2012, 11, 216-223.	2.9	21
110	Sun behaviour and personal UVR exposure among Europeans on short term holidays. Journal of Photochemistry and Photobiology B: Biology, 2015, 151, 264-269.	3.8	21
111	Mechanisms of and variables affecting UVR photoadaptation in human skin. Photochemical and Photobiological Sciences, 2018, 17, 1932-1940.	2.9	21
112	UV Irradiation Affects Melanocyte Stimulatory Activity and Protein Binding of Piperine. Photochemistry and Photobiology, 2006, 82, 1541-1548.	2.5	20
113	Quantitative Assessment of Epidermal Melanogenesis in C3H/Tif hr/hr Mice Treated with Topical Furocoumarins and UVA Radiation. Journal of Investigative Dermatology, 1994, 103, 97-103.	0.7	18
114	Standardized protocols for photocarcinogenesis safety testing. Frontiers in Bioscience - Landmark, 2003, 8, d848-854.	3.0	18
115	Sub-optimal Application of a High SPF Sunscreen Prevents Epidermal DNA Damage in Vivo. Acta Dermato-Venereologica, 2018, 98, 880-887.	1.3	18
116	COMPARATIVE STUDIES ON THE PHOTOSENSITIZING POTENCY OF 5â€METHOXYPSORALEN and 8â€METHOXYPSORALEN AS MEASURED BY CYTOLYSIS IN PARAMECIUM CAUDATUM AND TETRAHYMENA PYRIFORMIS, AND GROWTH INHIBITION AND SURVIVAL IN CANDIDA ALBICANS. Photochemistry and Photobiology, 1982, 35, 83-88.	2.5	17
117	In vitro photostability and photosensitizing properties of bergamot oil. Effects of a cinnamate sunscreen. Journal of Photochemistry and Photobiology B: Biology, 1990, 7, 199-208.	3.8	17
118	Effects of solar-simulated radiation dose fractionation on CD1a+ Langerhans cells and CD11b+ macrophages in human skin. British Journal of Dermatology, 2001, 145, 237-244.	1.5	17
119	Determinants of vitamin <scp>D</scp> status in longâ€term renal transplant patients. Clinical Transplantation, 2012, 26, E617-23.	1.6	17
120	A First Approach to an Action Spectrum for 8-MOP Phototumorigenesis in Mice. Journal of Investigative Dermatology, 1988, 90, 175-178.	0.7	16
121	Dark cyclobutane pyrimidine dimers are formed in the epidermis of Fitzpatrick skin types I/II and VI in vivo after exposure to solarâ€simulated radiation. Pigment Cell and Melanoma Research, 2021, 34, 575-584.	3.3	16
122	The Sunburn Cell in Hairless Mouse Epidermis: Quantitative Studies with UV-A Radiation and Mono- and Bifunctional Psoralens. Journal of Investigative Dermatology, 1982, 79, 218-221.	0.7	15
123	Sunscreens: Photoprotection of nonâ€erythema endpoints relevant to skin cancer. Photodermatology Photoimmunology and Photomedicine, 1999, 15, 221-225.	1.5	15
124	Personal UVR exposure of farming families in four European countries. Journal of Photochemistry and Photobiology B: Biology, 2015, 153, 267-275.	3.8	15
125	Aberrant gene expression with deficient apoptotic keratinocyte clearance may predispose to polymorphic light eruption. British Journal of Dermatology, 2017, 177, 1450-1453.	1.5	15
126	Children sustain high levels of skin DNA photodamage, with a modest increase of serum 25-hydroxyvitamin D₃, after a summer holiday in Northern Europe. British Journal of Dermatology, 2018, 179, 940-950.	1.5	15

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127	UVR radiometry of solar simulated radiation in experimental photocarcinogenesis studies. British Journal of Dermatology, 1982, 106, 43-52.	1.5	14
128	Furocoumarin-induced Epidermal Melanogenesis Does Not Protect Against Skin Photocarcinogenesis in Hairless Mice. Photochemistry and Photobiology, 1998, 67, 126-132.	2.5	14
129	UV-induced pigmentation in human skin. Comprehensive Series in Photosciences, 2001, 3, 357-375.	0.3	14
130	Adam10 haploinsufficiency causes freckleâ€like macules in Hairless mice. Pigment Cell and Melanoma Research, 2012, 25, 555-565.	3.3	14
131	The impact of solar ultraviolet radiation on fish: Immunomodulation and photoprotective strategies. Fish and Fisheries, 2020, 21, 104-119.	5.3	14
132	A new visible light absorbing organic filter offers superior protection against pigmentation by wavelengths at the UVR-visible boundary region. Journal of Photochemistry and Photobiology B: Biology, 2022, 227, 112372.	3.8	14
133	Tanning in human skin types II and III offers modest photoprotection against erythema. Photochemistry and Photobiology, 1998, 68, 588-92.	2.5	14
134	Phototoxic properties of perfumes containing bergamot oil on human skin: Photoprotective effect of UVA and UVB sunscreens. Journal of Photochemistry and Photobiology B: Biology, 1990, 7, 251-259.	3.8	13
135	Rescue of cells from apoptosis increases DNA repair in UVB exposed cells: implications for the DNA damage response. Toxicology Research, 2015, 4, 725-738.	2.1	13
136	The acute effects of ultraviolet radiation on the blood transcriptome are independent of plasma 25OHD3. Environmental Research, 2017, 159, 239-248.	7.5	13
137	Photophysical, photochemical and photobiological properties of pyrrolocoumarins; A new class of photoactive compounds. Journal of Photochemistry and Photobiology B: Biology, 1988, 2, 109-122.	3.8	12
138	Photoprotection by Furocoumarinâ€Induced Melanogenesis Against DNA Photodamage in Mouse Epidermis in vivo. Photochemistry and Photobiology, 1997, 65, 486-491.	2.5	12
139	Are Broad-Spectrum Sunscreens Necessary for Immunoprotection?. Journal of Investigative Dermatology, 2003, 121, ix-x.	0.7	12
140	ACTION SPECTRA AND CHROMOPHORES FOR LETHAL PHOTOSENSITIZATION OF Candida albicans BY DNA MONOADDUCTS FORMED BY 8-METHOXYPSORALEN AND MONOFUNCTIONAL FUROCOUMARINS. Photochemistry and Photobiology, 1989, 50, 753-761.	2.5	11
141	Senescence and sunscreens. British Journal of Dermatology, 1990, 122, 111-114.	1.5	11
142	Singlet oxygen yields of furocoumarins and related molecules â€" the effect of excitation wavelength. Journal of Photochemistry and Photobiology B: Biology, 1993, 21, 223-227.	3.8	11
143	The UVR wavelength dependence for lomefloxacin photosensitization of human skin. Journal of Photochemistry and Photobiology B: Biology, 1996, 32, 165-170.	3.8	11
144	Novel Aspects of Intrinsic and Extrinsic Aging of Human Skin: Beneficial Effects of Soy Extract^{Â¶}. Photochemistry and Photobiology, 2005, 81, 581-587.	2.5	11

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145	Perspectives on Cyclobutane Pyrimidine Dimersâ€"Rise of the Dark Dimers^{â€}. Photochemistry and Photobiology, 2022, 98, 609-616.	2.5	11
146	Aspects of psoralen phototumorigenesis with emphasis on the possible role of tumour promotion. Biochimie, 1986, 68, 885-889.	2.6	10
147	The biological effects of ultraviolet radiation: a model for contemporary science education?. Journal of Biological Education, 1998, 33, 10-15.	1.5	10
148	The time of onset and duration of 5-methoxypsoralen photochemoprotection from UVR-induced DNA damage in human skin. British Journal of Dermatology, 2006, 131, 483-494.	1.5	10
149	A Distinct Genotype of XP Complementation Group A: Surprisingly Mild Phenotype HighlyÂPrevalent in Northern India/Pakistan/Afghanistan. Journal of Investigative Dermatology, 2016, 136, 869-872.	0.7	10
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