

Richard C Kift

List of Publications by Citations

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44
papers

1,159
citations

20
h-index

33
g-index

52
ext. papers

1,330
ext. citations

4.4
avg, IF

3.91
L-index

#	Paper	IF	Citations
44	The role of sunlight exposure in determining the vitamin D status of the U.K. white adult population. <i>British Journal of Dermatology</i> , 2010 , 163, 1050-5	4	119
43	Recommended summer sunlight exposure levels can produce sufficient (> or =20 ng ml ⁻¹) but not the proposed optimal (> or =32 ng ml ⁻¹) 25(OH)D levels at UK latitudes. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 1411-8	4.3	116
42	Recommended summer sunlight exposure amounts fail to produce sufficient vitamin D status in UK adults of South Asian origin. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 1219-24	7	92
41	Efficacy of a dose range of simulated sunlight exposures in raising vitamin D status in South Asian adults: implications for targeted guidance on sun exposure. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1210-6	7	63
40	Lifestyle factors including less cutaneous sun exposure contribute to starkly lower vitamin D levels in U.K. South Asians compared with the white population. <i>British Journal of Dermatology</i> , 2013 , 169, 1272-8	4.8	57
39	The vitamin D debate: translating controlled experiments into reality for human sun exposure times. <i>Photochemistry and Photobiology</i> , 2011 , 87, 741-5	3.6	57
38	Colour Counts: Sunlight and Skin Type as Drivers of Vitamin D Deficiency at UK Latitudes. <i>Nutrients</i> , 2018 , 10,	6.7	52
37	Concurrent beneficial (vitamin D production) and hazardous (cutaneous DNA damage) impact of repeated low-level summer sunlight exposures. <i>British Journal of Dermatology</i> , 2016 , 175, 1320-1328	4	45
36	Meeting Vitamin D Requirements in White Caucasians at UK Latitudes: Providing a Choice. <i>Nutrients</i> , 2018 , 10,	6.7	34
35	Spectral actinic flux in the lower troposphere: measurement and 1-D simulations for cloudless, broken cloud and overcast situations. <i>Atmospheric Chemistry and Physics</i> , 2005 , 5, 1975-1997	6.8	34
34	Effects of total solar eclipse of 29 March 2006 on surface radiation. <i>Atmospheric Chemistry and Physics</i> , 2007 , 7, 5775-5783	6.8	32
33	Fractional Sunburn Threshold UVR Doses Generate Equivalent Vitamin D and DNA Damage in Skin Types I-VI but with Epidermal DNA Damage Gradient Correlated to Skin Darkness. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 2244-2252	4.3	31
32	Sun Exposure Behavior, Seasonal Vitamin D Deficiency, and Relationship to Bone Health in Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 3105-13	5.6	30
31	Measuring Spectral Actinic Flux and Irradiance: Experimental Results from the Actinic Flux Determination from Measurements of Irradiance (ADMIRA) Project. <i>Journal of Atmospheric and Oceanic Technology</i> , 2002 , 19, 1049-1062	2	30
30	A modeling approach to determine how much UV radiation is available across the UK and Ireland for health risk and benefit studies. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 1073-81	4.2	23
29	An empirical method for the conversion of spectral UV irradiance measurements to actinic flux data. <i>Atmospheric Environment</i> , 2002 , 36, 4397-4404	5.3	23
28	Sunlight exposure behaviour and vitamin D status in photosensitive patients: longitudinal comparative study with healthy individuals at U.K. latitude. <i>British Journal of Dermatology</i> , 2014 , 171, 1478-86	4	21

27	Comparison of atmospheric spectral radiance measurements from five independently calibrated systems. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 516-27	4.2	21
26	Actinic flux determination from measurements of irradiance. <i>Journal of Geophysical Research</i> , 2003 , 108,		21
25	Evidence of reduced measurement uncertainties from an FTIR instrument intercomparison at Kiruna, Sweden. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2005 , 96, 75-84	2.1	20
24	Target the message: a qualitative study exploring knowledge and cultural attitudes to sunlight and vitamin D in Greater Manchester, U.K. <i>British Journal of Dermatology</i> , 2016 , 175, 1401-1403	4	19
23	Solar irradiance in the heterogeneous albedo environment of the Arctic coast: measurements and a 3-D model study. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 5989-6002	6.8	18
22	The impact of photosensitivity disorders on aspects of lifestyle. <i>British Journal of Dermatology</i> , 2010 , 163, 817-22	4	17
21	Influence of clouds on the spectral actinic flux density in the lower troposphere (INSPECTRO): overview of the field campaigns. <i>Atmospheric Chemistry and Physics</i> , 2008 , 8, 1789-1812	6.8	17
20	Is Sunlight Exposure Enough to Avoid Wintertime Vitamin D Deficiency in United Kingdom Population Groups?. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	16
19	Short- and Long-Term Effects of UVA on Arabidopsis Are Mediated by a Novel cGMP Phosphodiesterase. <i>Current Biology</i> , 2019 , 29, 2580-2585.e4	6.3	16
18	A predictive model of serum 25-hydroxyvitamin D in UK white as well as black and Asian minority ethnic population groups for application in food fortification strategy development towards vitamin D deficiency prevention. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 173, 245-252	5.1	16
17	Quality assessment of solar UV irradiance measured with array spectroradiometers. <i>Atmospheric Measurement Techniques</i> , 2016 , 9, 1553-1567	4	16
16	Serum endocannabinoids and N-acyl ethanolamines and the influence of simulated solar UVR exposure in humans in vivo. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 564-574	4.2	14
15	Influence of external, intrinsic and individual behaviour variables on serum 25(OH)D in a German survey. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 140, 120-9	6.7	14
14	A Web-based tool for UV irradiance data: predictions for European and Southeast Asian sites. <i>Photochemistry and Photobiology</i> , 2006 , 82, 579-86	3.6	14
13	Variations of solar radiation at the Earth's surface during the total solar eclipse of 29 March 2006 2006 , 6362, 108		10
12	Sunlight exposure and photoprotection behaviour of white Caucasian adolescents in the UK. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2015 , 29, 732-7	4.6	8
11	Comparison of surface UV irradiance in mountainous regions derived from satellite observations and model calculations with ground-based measurements. <i>Meteorologische Zeitschrift</i> , 2010 , 19, 481-490 ^{3.1}		8
10	Investigation of the 3-D actinic flux field in mountainous terrain. <i>Atmospheric Research</i> , 2011 , 102, 300-310	3.4	6

9	The influence of the spatial resolution of topographic input data on the accuracy of 3-D UV actinic flux and irradiance calculations. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 2297-2312	6.8	6
8	Effects of total solar eclipse of 29 March 2006 on surface radiation		6
7	Intercomparison of solar UV direct irradiance spectral measurements at Izana in June 2005 2005 ,		5
6	100 YEARS OF VITAMIN D: Dose-response for change in 25-hydroxyvitamin D after UV exposure: outcome of a systematic review. <i>Endocrine Connections</i> , 2021 , 10, R248-R266	3.5	5
5	Photoprotection conferred by low level summer sunlight exposures against pro-inflammatory UVR insult. <i>Photochemical and Photobiological Sciences</i> , 2020 ,	4.2	2
4	Assessment of a Dual-Channel Array Spectrometer for Ground-Based Ozone Retrievals. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015 , 32, 1464-1477	2	2
3	Empirical approach to converting spectral UV measurements to actinic flux data 2002 , 4482, 104		2
2	Reply to EA Langan. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1504-1505	7	1
1	Sky radiance at a coastline and effects of land and ocean reflectivities. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 14353-14364	6.8	