

Michael G Kimlin

List of Publications by Year in descending order

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97
papers

2,754
citations

142488

31
h-index

214353

47
g-index

104
all docs

104
docs citations

104
times ranked

4360
citing authors

#	ARTICLE	IF	CITATIONS
1	Geographic location and vitamin D synthesis. <i>Molecular Aspects of Medicine</i> , 2008, 29, 453-461.	6.8	212
2	Vitamin D insufficiency in south-east Queensland. <i>Medical Journal of Australia</i> , 2001, 174, 150-151.	1.8	126
3	Location and Vitamin D synthesis: Is the hypothesis validated by geophysical data?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 86, 234-239.	3.9	106
4	Vitamin D Intake Needed to Maintain Target Serum 25-Hydroxyvitamin D Concentrations in Participants with Low Sun Exposure and Dark Skin Pigmentation Is Substantially Higher Than Current Recommendations. <i>Journal of Nutrition</i> , 2010, 140, 542-550.	2.7	96
5	The Contributions of Solar Ultraviolet Radiation Exposure and Other Determinants to Serum 25-Hydroxyvitamin D Concentrations in Australian Adults: The AusD Study. <i>American Journal of Epidemiology</i> , 2014, 179, 864-874.	3.7	85
6	Serum 25-hydroxyvitamin D concentrations in girls aged 4-8 y living in the southeastern United States. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 75-81.	4.6	70
7	Sunlight and Other Determinants of Circulating 25-Hydroxyvitamin D Levels in Black and White Participants in a Nationwide US Study. <i>American Journal of Epidemiology</i> , 2013, 177, 180-192.	3.7	70
8	Vitamin D, Aging, and the 2005 Dietary Guidelines for Americans. <i>Nutrition Reviews</i> , 2006, 64, 410-421.	5.9	60
9	Occupational Exposures to Solar Ultraviolet Radiation of Vineyard Workers in Tuscany (Italy). <i>Photochemistry and Photobiology</i> , 2011, 87, 925-934.	2.6	59
10	A meta-analysis of pigmentary characteristics, sun sensitivity, freckling and melanocytic nevi and risk of basal cell carcinoma of the skin. <i>Cancer Epidemiology</i> , 2013, 37, 534-543.	2.1	57
11	Vitamin D Status and Skin Cancer Risk Independent of Time Outdoors: 11-Year Prospective Study in an Australian Community. <i>Journal of Investigative Dermatology</i> , 2013, 133, 637-641.	0.7	57
12	Environmental, Personal, and Genetic Determinants of Response to Vitamin D Supplementation in Older Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1332-E1340.	3.6	57
13	Knowledge and Attitudes about Vitamin D and Impact on Sun Protection Practices among Urban Office Workers in Brisbane, Australia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 1784-1789.	1.9	51
14	Characterization of a Human Skin Equivalent Model to Study the Effects of Ultraviolet B Radiation on Keratinocytes. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 588-598.	2.3	51
15	Vitamin D Deficiency at Melanoma Diagnosis Is Associated with Higher Breslow Thickness. <i>PLoS ONE</i> , 2015, 10, e0126394.	2.5	49
16	The effect of vitamin D supplementation on acute respiratory tract infection in older Australian adults: an analysis of data from the D-Health Trial. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 69-81.	11.3	48
17	In vitro model of vitamin D3 (Cholecalciferol) synthesis by UV radiation: Dose-response relationships. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 93, 88-93.	3.9	47
18	Folate degradation due to ultraviolet radiation: possible implications for human health and nutrition. <i>Nutrition Reviews</i> , 2012, 70, 414-422.	5.9	47

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19	Murine Neonatal Melanocytes Exhibit a Heightened Proliferative Response to Ultraviolet Radiation and Migrate to the Epidermal Basal Layer. <i>Journal of Investigative Dermatology</i> , 2009, 129, 184-193.	0.7	46
20	Ten-Year Survival after Multiple Invasive Melanomas Is Worse than after a Single Melanoma: a Population-Based Study. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2270-2276.	0.7	45
21	A Pilot Randomized Controlled Trial of the Feasibility, Acceptability, and Impact of Giving Information on Personalized Genomic Risk of Melanoma to the Public. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 212-221.	1.9	44
22	Effect of vitamin D supplementation on antibiotic use: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 156-161.	4.6	42
23	Impact of oral vitamin D supplementation on the ocular surface in people with dry eye and/or low serum vitamin D. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 69-76.	1.7	42
24	Predicting vitamin D deficiency in older Australian adults. <i>Clinical Endocrinology</i> , 2013, 79, 631-640.	2.6	38
25	Estimations of the human $\hat{\sim}$ vitamin D $\hat{\sim}$ UV exposure in the USA. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 1067-1070.	2.9	36
26	Short-term UV Exposure of Sunbathers at a Mediterranean Sea Site. <i>Photochemistry and Photobiology</i> , 2009, 85, 171-177.	2.6	36
27	Serum Vitamin D Levels in Office Workers in a Subtropical Climate. <i>Photochemistry and Photobiology</i> , 2011, 87, 714-720.	2.6	35
28	The Children and Sunscreen Study. <i>Archives of Dermatology</i> , 2012, 148, 606-12.	1.4	35
29	Agreement Between Diary Records of Time Spent Outdoors and Personal Ultraviolet Radiation Dose Measurements. <i>Photochemistry and Photobiology</i> , 2008, 84, 713-718.	2.6	34
30	Cutaneous Markers of Photo-Damage and Risk of Basal Cell Carcinoma of the Skin: A Meta-Analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1483-1489.	1.9	34
31	Clinical outcomes of vitamin D deficiency and supplementation in cancer patients. <i>Nutrition Reviews</i> , 2013, 71, 611-621.	5.9	32
32	Anatomical distribution of solar ultraviolet exposures among cyclists. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 85, 23-27.	3.9	30
33	Personal Solar UV Exposure Measurements Employing Modified Polysulphone with an Extended Dynamic Range. <i>Photochemistry and Photobiology</i> , 2004, 79, 411.	2.6	29
34	The climatology of Vitamin D producing ultraviolet radiation over the United States. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 89-90, 479-483.	2.6	29
35	Building healthy bones throughout life: an evidence-informed strategy to prevent osteoporosis in Australia. <i>Medical Journal of Australia</i> , 2013, 199, S1.	1.8	29
36	Latitude Variation in Pancreatic Cancer Mortality in Australia. <i>Pancreas</i> , 2009, 38, 387-390.	1.1	27

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37	Recruitment and Results of a Pilot Trial of Vitamin D Supplementation in the General Population of Australia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4473-4480.	3.6	25
38	The effect of <i>MC1R</i> variants and sunscreen on the response of human melanocytes in vivo to ultraviolet radiation and implications for melanoma. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 835-844.	3.3	25
39	Building healthy bones throughout life: an evidence-informed strategy to prevent osteoporosis in Australia. <i>Medical Journal of Australia</i> , 2013, 199, S1-S46.	1.8	25
40	<i>In Vitro</i> Investigations on the Effect of Dermal Fibroblasts on Keratinocyte Responses to Ultraviolet B Radiation. <i>Photochemistry and Photobiology</i> , 2014, 90, 1332-1339.	2.6	25
41	Occupational exposure to ultraviolet radiation: The duality dilemma. <i>Reviews on Environmental Health</i> , 2007, 22, 1-38.	2.7	24
42	Estimating the change in life expectancy after a diagnosis of cancer among the Australian population. <i>BMJ Open</i> , 2015, 5, e006740.	2.1	24
43	Sun protection messages, vitamin D and skin cancer: out of the frying pan and into the fire?. <i>Medical Journal of Australia</i> , 2007, 186, 52-53.	1.8	23
44	Assessing the impacts of lifetime sun exposure on skin damage and skin aging using a non-invasive method. <i>Science of the Total Environment</i> , 2012, 425, 35-41.	8.2	23
45	An evidence-informed strategy to prevent osteoporosis in Australia. <i>Medical Journal of Australia</i> , 2013, 198, 90-91.	1.8	23
46	A randomized placebo-controlled trial of vitamin D supplementation for reduction of mortality and cancer: Statistical analysis plan for the D-Health Trial. <i>Contemporary Clinical Trials Communications</i> , 2019, 14, 100333.	1.1	23
47	Individual, Environmental, and Meteorological Predictors of Daily Personal Ultraviolet Radiation Exposure Measurements in a United States Cohort Study. <i>PLoS ONE</i> , 2013, 8, e54983.	2.5	22
48	Impact of personal genomic risk information on melanoma prevention behaviors and psychological outcomes: a randomized controlled trial. <i>Genetics in Medicine</i> , 2021, 23, 2394-2403.	2.4	22
49	Assessment of Lifetime Cumulative Sun Exposure Using a Self-Administered Questionnaire: Reliability of Two Approaches. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 464-471.	1.9	21
50	Multiple indicators of ambient and personal ultraviolet radiation exposure and risk of non-Hodgkin lymphoma (United States). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 101, 321-325.	3.9	19
51	A New Method to Quantify the Application Thickness of Sunscreen on Skin. <i>Photochemistry and Photobiology</i> , 2010, 86, 1397-1403.	2.6	18
52	Predicting deseasonalised serum 25 hydroxy vitamin D concentrations in the D-Health Trial: An analysis using boosted regression trees. <i>Contemporary Clinical Trials</i> , 2021, 104, 106347.	1.9	18
53	Dosimetric and Spectroradiometric Investigations of Glass-Filtered Solar UV. <i>Photochemistry and Photobiology</i> , 2007, 83, 777-781.	2.6	17
54	Insulin-like growth factor and UV photoprotection in human keratinocytes. <i>Experimental Dermatology</i> , 2015, 24, 235-238.	2.9	17

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55	Solar ultraviolet exposures at ground level in tree shade during summer in south east Queensland. <i>International Journal of Environmental Health Research</i> , 2001, 11, 117-127.	2.8	16
56	Applicability of the Polysulphone Horizontal Calibration to Differently Inclined Dosimeters. <i>Photochemistry and Photobiology</i> , 2012, 88, 207-214.	2.6	16
57	Vitamin D Deficiency is Common in HIV-Infected Southern Australian Adults. <i>Antiviral Therapy</i> , 2016, 21, 117-125.	1.0	16
58	Investigating the patterns and determinants of seasonal variation in vitamin D status in Australian adults: the Seasonal D Cohort Study. <i>BMC Public Health</i> , 2016, 16, 892.	3.0	15
59	Possible contributions of skin pigmentation and vitamin D in a polyfactorial model of seasonal affective disorder. <i>Medical Hypotheses</i> , 2014, 83, 517-525.	1.5	14
60	Human UVA exposures estimated from ambient UVA measurements. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 365.	2.9	13
61	Google as a cancer control tool in Queensland. <i>BMC Cancer</i> , 2017, 17, 816.	2.6	13
62	Risk of Second Primary Cancer in Survivors of In-Situ Melanoma. <i>Journal of Investigative Dermatology</i> , 2019, 139, 842-847.	0.7	13
63	Techniques for assessing human UV exposures. , 2003, 5156, 197.		11
64	The impact of delayed blood centrifuging, choice of collection tube, and type of assay on 25-hydroxyvitamin D concentrations. <i>Cancer Causes and Control</i> , 2010, 21, 643-648.	1.8	11
65	Basal cell carcinomas on sun-protected vs. sun-exposed body sites: a comparison of phenotypic and environmental risk factors. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2015, 31, 202-211.	1.5	11
66	Validation of Questionnaire and Diary Measures of Time Outdoors Against an Objective Measure of Personal Ultraviolet Radiation Exposure. <i>Photochemistry and Photobiology</i> , 2018, 94, 815-820.	2.6	11
67	Cumulative solar ultraviolet radiation exposure and basal cell carcinoma of the skin in a nationwide US cohort using satellite and ground-based measures. <i>Environmental Health</i> , 2019, 18, 114.	4.2	11
68	Vitamin D Deficiency May Be Associated with a More Rapid Decline in CD4 Cell Count to ≤ 350 Cells/µL in Untreated HIV-Infected Adults. <i>Current HIV Research</i> , 2015, 13, 517-523.	0.6	11
69	Temporal changes in loss of life expectancy due to cancer in Australia: a flexible parametric approach. <i>Cancer Causes and Control</i> , 2016, 27, 955-964.	1.8	10
70	Personal solar UV Exposure Measurements Employing Modified Polysulphone with an Extended Dynamic Range ^{Å†}. <i>Photochemistry and Photobiology</i> , 2004, 79, 411-415.	2.6	9
71	Improving Assessment of Lifetime Solar Ultraviolet Radiation Exposure in Epidemiologic Studies: Comparison of Ultraviolet Exposure Assessment Methods in a Nationwide U.S. Occupational Cohort. <i>Photochemistry and Photobiology</i> , 2018, 94, 1297-1307.	2.6	9
72	A tan in a test tube â€“ <i>in vitro</i> models for investigating ultraviolet radiation-induced damage in skin. <i>Experimental Dermatology</i> , 2012, 21, 404-410.	2.9	8

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73	Effect of solar ultraviolet radiation exposure on serum 25(OH)D concentration: a pilot randomised controlled trial. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 570-577.	2.9	8
74	Measuring Exposure to Solar Ultraviolet Radiation Using a Dosimetric Technique: Understanding Participant Compliance Issues. <i>Photochemistry and Photobiology</i> , 2014, 90, 919-924.	2.6	7
75	Diagnosis of an additional <i>in situ</i> melanoma does not influence survival for patients with a single invasive melanoma: A registry-based follow-up study. <i>Australasian Journal of Dermatology</i> , 2016, 57, 57-60.	0.8	7
76	Personal ultraviolet Radiation exposure in a cohort of Chinese mother and child pairs: the Chinese families and children study. <i>BMC Public Health</i> , 2019, 19, 281.	3.0	7
77	Risk attitudes and sun protection behaviour: Can behaviour be altered by using a melanoma genomic risk intervention?. <i>Cancer Epidemiology</i> , 2019, 61, 8-13.	2.1	6
78	Diffuse Solar UV Radiation and Implications for Preventing Human Eye Damage. <i>Photochemistry and Photobiology</i> , 2001, 73, 135-139.	2.6	5
79	Ultraviolet Index and Location are Important Determinants of Vitamin D Status in People with Human Immunodeficiency Virus. <i>Photochemistry and Photobiology</i> , 2015, 91, 431-437.	2.6	5
80	Lifetime Ambient UV Radiation Exposure and Risk of Basal Cell Carcinoma by Anatomic Site in a Nationwide U.S. Cohort, 1983-2005. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1932-1946.	1.9	4
81	Comparisons of corrected daily integrated erythemal UVR from the U.S. EPA/UGA network of Brewer spectroradiometers with model and satellite data. , 2002, , .		3
82	Exposure to UV radiation and human health. , 2005, 5886, 197.		3
83	Vitamin D and Injury Prevention. <i>American Journal of Lifestyle Medicine</i> , 2010, 4, 21-24.	1.9	3
84	Self-Reported Changes in Sun Protection Behaviors at Different Latitudes in Australia. <i>Photochemistry and Photobiology</i> , 2016, 92, 495-502.	2.6	3
85	Validation of Sun Exposure Reported Annually Against Interim Self-report and Daily Sun Diaries. <i>Photochemistry and Photobiology</i> , 2017, 93, 1294-1302.	2.6	3
86	The Dislike of Hot Thermal Conditions and Its Relationship with Sun (Ultraviolet Radiation) Exposure in the Southeastern United States. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2161.	2.7	3
87	Phenothiazine UVA dosimeter: characteristics and performance. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1224.	2.9	2
88	Dosimeter for measurement of UVA exposures. , 2004, , .		1
89	Solar UVA exposures. , 2005, , .		1
90	FUNCTIONAL MEASURE SCORES IN OLDER AMBULATORY ADULTS WITH HIGH LEVELS OF SERUM 25-HYDROXY VITAMIN D. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 390-391.	2.9	1

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91	Extending the dynamic range of polysulphone for measuring UV exposures. , 2003, , .		1
92	Estimating UV index climatology over North America. , 2003, , .		0
93	U.S. EPA Brewer spectrophotometer network and the USDA UVB monitoring and research program: data comparison from co-located instruments. , 2003, , .		0
94	Spectrally resolved comparison of TOMS estimates of surface UV irradiances with those of ground-based measurements at time of overpass. , 2003, 4896, 70.		0
95	Response to Asgari. Journal of Investigative Dermatology, 2017, 137, 965-966.	0.7	0
96	Can an in vitro model be used to estimate the capability of sunlight to synthesize Vitamin D?. FASEB Journal, 2006, 20, A133.	0.5	0
97	Exploration of the determinants of seasonal Vitamin D. FASEB Journal, 2011, 25, 996.13.	0.5	0