

Richard B Weller

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

4,032
citations

126708

33
h-index

128067

60
g-index

145
all docs

145
docs citations

145
times ranked

5067
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of the effect of indoor thermal and humidity condition on young and older adults' comfort and skin condition in winter. <i>Indoor and Built Environment</i> , 2022, 31, 759-776.	1.5	9
2	A Real-World Data Study on the Healthcare Resource Use for Uncontrolled Moderate-to-Severe Atopic Dermatitis in Secondary Care in the United Kingdom Prior to the Introduction of Biologic Treatment. <i>ClinicoEconomics and Outcomes Research</i> , 2022, Volume 14, 167-177.	0.7	0
3	Rash morphology as a predictor of COVID-19 severity: A systematic review of the cutaneous manifestations of COVID-19. <i>Skin Health and Disease</i> , 2022, 2, .	0.7	6
4	Nitric oxide (NO) and nanoparticles – Potential small tools for the war against COVID-19 and other human coronavirus infections. <i>Virus Research</i> , 2021, 291, 198202.	1.1	39
5	Metabolic dysfunction induced by a high-fat diet modulates hematopoietic stem and myeloid progenitor cells in brown adipose tissue of mice. <i>Immunology and Cell Biology</i> , 2021, 99, 749-766.	1.0	2
6	Ultraviolet A radiation and COVID-19 deaths in the USA with replication studies in England and Italy*. <i>British Journal of Dermatology</i> , 2021, 185, 363-370.	1.4	36
7	Higher Sun Exposure in the First Trimester Is Associated With Reduced Preterm Birth; A Scottish Population Cohort Study Using Linked Maternity and Meteorological Records. <i>Frontiers in Reproductive Health</i> , 2021, 3, .	0.6	5
8	Risks and Benefits of UV Radiation. <i>Current Problems in Dermatology</i> , 2021, 55, 329-338.	0.8	4
9	Characterising nitric oxide-mediated metabolic benefits of low-dose ultraviolet radiation in the mouse: a focus on brown adipose tissue. <i>Diabetologia</i> , 2020, 63, 179-193.	2.9	22
10	Beneficial Effects of Sunlight May Account for the Correlation Between Serum Vitamin D Levels and Cardiovascular Health. <i>JAMA Cardiology</i> , 2020, 5, 109.	3.0	5
11	What is the evidence for interactions between filaggrin null mutations and environmental exposures in the aetiology of atopic dermatitis? A systematic review. <i>British Journal of Dermatology</i> , 2020, 183, 443-451.	1.4	22
12	Delivering nitric oxide into human skin from encapsulated S-nitrosoglutathione under UV light: An in vitro and ex vivo study. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 94, 108-113.	1.2	16
13	Insufficient Sun Exposure Has Become a Real Public Health Problem. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5014.	1.2	71
14	Correspondence on –Seasonal variation in blood pressure: evidence, consensus and recommendations for clinical practice. Consensus statement by the ESH Working Group on Blood Pressure Monitoring and Cardiovascular Variability™. <i>Journal of Hypertension</i> , 2020, 38, 2077-2079.	0.3	4
15	Investigating the Potential for Ultraviolet Light to Modulate Morbidity and Mortality From COVID-19: A Narrative Review and Update. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 616527.	1.1	17
16	Photochemistry of nitric oxide and S-nitrosothiols in human skin. <i>Histochemistry and Cell Biology</i> , 2020, 153, 431-441.	0.8	19
17	The effect of indoor thermal and humidity condition on the oldest-old people's comfort and skin condition in winter. <i>Building and Environment</i> , 2020, 174, 106790.	3.0	29
18	Does Incident Solar Ultraviolet Radiation Lower Blood Pressure?. <i>Journal of the American Heart Association</i> , 2020, 9, e013837.	1.6	37

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19	Bilateral agminated skin-colored papules and nodules on the dorsum of the hands. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2019, 85, 192.	0.2	0
20	Antitumor Potential of <i>S</i> -Nitrosothiol-Containing Polymeric Nanoparticles against Melanoma. <i>Molecular Pharmaceutics</i> , 2018, 15, 1160-1168.	2.3	25
21	Can the Cellular Internalization of Cargo Proteins Be Enhanced by Fusing a Tat Peptide in the Center of Proteins? A Fluorescence Study. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 879-886.	1.6	6
22	The effects of two different doses of ultraviolet-A light exposure on nitric oxide metabolites and cardiorespiratory outcomes. <i>European Journal of Applied Physiology</i> , 2018, 118, 1043-1052.	1.2	13
23	Prostaglandin E2 stimulates adaptive IL-22 production and promotes allergic contact dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 152-162.	1.5	43
24	Bullous Diseases. <i>Current Problems in Dermatology</i> , 2018, 53, 64-69.	0.8	8
25	Interdisciplinary Perspectives on Sun Safety. <i>JAMA Dermatology</i> , 2018, 154, 88.	2.0	28
26	PSS44 - AN EVALUATION OF THE CURRENT TREATMENT PATHWAYS AND ASSOCIATED NHS RESOURCE USE FOR THE MANAGEMENT OF UNCONTROLLED MODERATE-TO-SEVERE ATOPIC DERMATITIS IN SECONDARY CARE. <i>Value in Health</i> , 2018, 21, S430.	0.1	2
27	Efficient internalization of TAT peptide in zwitterionic DOPC phospholipid membrane revealed by neutron diffraction. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 910-916.	1.4	15
28	Skin Cancer: Epidemiology, Disease Burden, Pathophysiology, Diagnosis, and Therapeutic Approaches. <i>Dermatology and Therapy</i> , 2017, 7, 5-19.	1.4	286
29	Nitric oxide induces human CLA + CD25 + Foxp3 + regulatory T cells with skin-homing potential. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1441-1444.e6.	1.5	17
30	Pregnancy outcome and ultraviolet radiation; A systematic review. <i>Environmental Research</i> , 2017, 155, 335-343.	3.7	8
31	Sub-erythral ultraviolet radiation reduces metabolic dysfunction in already overweight mice. <i>Journal of Endocrinology</i> , 2017, 233, 81-92.	1.2	28
32	The health benefits of UV radiation exposure through vitamin D production or non-vitamin D pathways. Blood pressure and cardiovascular disease. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 374-380.	1.6	47
33	Chitosan nanoparticles for nitric oxide delivery in human skin. <i>MedChemComm</i> , 2017, 8, 713-719.	3.5	49
34	IL-1 β -Induced Protection of Keratinocytes against Staphylococcus aureus-Secreted Proteases Is Mediated by Human β -Defensin 2. <i>Journal of Investigative Dermatology</i> , 2017, 137, 95-105.	0.3	39
35	Feeding filaggrin: effects of L-histidine supplementation in atopic dermatitis. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2017, Volume 10, 403-411.	0.8	38
36	The effect of ultraviolet radiation on birth weights and gestational length in a scottish birth cohort. <i>International Journal of Population Data Science</i> , 2017, 1, .	0.1	0

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37	Cutaneous control of blood pressure. <i>Current Opinion in Nephrology and Hypertension</i> , 2016, 25, 11-15.	1.0	29
38	Topical application of superoxide dismutase mediated by HIV-TAT peptide attenuates UVB-induced damages in human skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 286-294.	2.0	17
39	Estimation of individual cumulative ultraviolet exposure using a geographically-adjusted, openly-accessible tool. <i>BMC Dermatology</i> , 2016, 16, 1.	2.1	10
40	Filaggrin-null mutations are associated with increased maturation markers on Langerhans cells. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 482-490.e7.	1.5	28
41	Prostaglandin E ₂ constrains systemic inflammation through an innate lymphoid cellâ€“IL-22 axis. <i>Science</i> , 2016, 351, 1333-1338.	6.0	156
42	Sunlight Has Cardiovascular Benefits Independently of Vitamin D. <i>Blood Purification</i> , 2016, 41, 130-134.	0.9	70
43	Can Skin Exposure to Sunlight Prevent Liver Inflammation?. <i>Nutrients</i> , 2015, 7, 3219-3239.	1.7	23
44	The prodigal sun. <i>New Scientist</i> , 2015, 226, 26-27.	0.0	1
45	Risks and benefits of UV radiation in older people: More of a friend than a foe?. <i>Maturitas</i> , 2015, 81, 425-431.	1.0	34
46	Acute whole body UVA irradiation combined with nitrate ingestion enhances time trial performance in trained cyclists. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 48, 3-9.	1.2	45
47	The Effects Of Whole-body Uva Irradiation And Nitrate Ingestion On Vascular Function In Healthy Adults. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 751.	0.2	0
48	Skin cancer as a marker of sun exposure. <i>International Journal of Epidemiology</i> , 2014, 43, 1991-1991.	0.9	3
49	Ultraviolet Radiation Suppresses Obesity and Symptoms of Metabolic Syndrome Independently of Vitamin D in Mice Fed a High-Fat Diet. <i>Diabetes</i> , 2014, 63, 3759-3769.	0.3	101
50	UVA Irradiation of Human Skin Vasodilates Arterial Vasculature and Lowers Blood Pressure Independently of Nitric Oxide Synthase. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1839-1846.	0.3	213
51	Vitamin D status and ill health. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, e8.	5.5	12
52	Acute Whole-Body UVA Irradiation Combined with Nitrate Ingestion Enhances Cycling Performance in Trained Cyclists.. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 131.	0.2	1
53	Beware the rise of commercial "mole checking" shops on high streets. <i>BMJ, The</i> , 2013, 347, f4724-f4724.	3.0	0
54	Proteaseâ€“antiprotease imbalance may be linked to potential defects in profilaggrin proteolysis in atopic dermatitis. <i>British Journal of Dermatology</i> , 2012, 166, 1137-1140.	1.4	16

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55	Randomized controlled study of a cosmetic treatment for mild acne. <i>Clinical and Experimental Dermatology</i> , 2012, 37, 346-349.	0.6	23
56	Sudden whitening of the hair in an 82-year-old woman: the "overnight greying"™ phenomenon. <i>Clinical and Experimental Dermatology</i> , 2012, 37, 458-459.	0.6	10
57	Hyperhidrotic and control subjects have similar sweating responses to pilocarpine administration. <i>Journal of the American Academy of Dermatology</i> , 2011, 64, 603-604.	0.6	1
58	Arginase is overactive in psoriatic skin. <i>British Journal of Dermatology</i> , 2010, 163, 193-196.	1.4	40
59	Is sunlight good for our heart?. <i>European Heart Journal</i> , 2010, 31, 1041-1045.	1.0	93
60	Enzyme-Independent NO Stores in Human Skin: Quantification and Influence of UV Radiation. <i>Journal of Investigative Dermatology</i> , 2009, 129, 834-842.	0.3	104
61	Nitric Oxide-Containing Nanoparticles as an Antimicrobial Agent and Enhancer of Wound Healing. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2335-2337.	0.3	56
62	GP dermatology: "Therapy sails on the wind of diagnosis"™. <i>The Prescriber</i> , 2009, 20, 7-8.	0.1	0
63	Correction to: <i>Journal of Investigative Dermatology</i> (2008) 128, 352-360; doi: 10.1038/sj.jid.5701096. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2546.	0.3	0
64	Topically Applied Nitric Oxide Induces T-Lymphocyte Infiltration in Human Skin, but Minimal Inflammation. <i>Journal of Investigative Dermatology</i> , 2008, 128, 352-360.	0.3	102
65	O47. Nitric oxide and the skin: a dermatologist's™ perspective. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 30-31.	1.2	0
66	O65. Arginase enzyme is overactive in non-lesional psoriatic skin. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 35.	1.2	1
67	Comment: Can cosmetics keep us forever young?. <i>New Scientist</i> , 2008, 198, 18.	0.0	1
68	Topical application of acidified nitrite to the nail renders it antifungal and causes nitrosation of cysteine groups in the nail plate. <i>British Journal of Dermatology</i> , 2007, 157, 494-500.	1.4	15
69	The effects of topical treatment with acidified nitrite on wound healing in normal and diabetic mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 15, 395-399.	1.2	70
70	Dermoscopy. <i>Journal of Dermatology</i> , 2006, 33, 513-517.	0.6	19
71	Topically applied S-nitrosothiol-containing hydrogels as experimental and pharmacological nitric oxide donors in human skin. <i>British Journal of Dermatology</i> , 2004, 151, 977-983.	1.4	104
72	Nitric oxide: a key mediator in cutaneous physiology. <i>Clinical and Experimental Dermatology</i> , 2003, 28, 511-514.	0.6	139

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73	Defining the Quantitative Contribution of the Melanocortin 1 Receptor (MC1R) to Variation in Pigmentary Phenotype. <i>Annals of the New York Academy of Sciences</i> , 2003, 994, 339-347.	1.8	21
74	Ultraviolet irradiation increases FADD protein in apoptotic human keratinocytes. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 290-295.	1.0	11
75	Fuzzy math. <i>Journal of the American Academy of Dermatology</i> , 2003, 49, 775.	0.6	0
76	Autologous nitric oxide protects mouse and human keratinocytes from ultraviolet B radiation-induced apoptosis. <i>American Journal of Physiology - Cell Physiology</i> , 2003, 284, C1140-C1148.	2.1	69
77	Nitric oxide donors and the skin: useful therapeutic agents?. <i>Clinical Science</i> , 2003, 105, 533-535.	1.8	13
78	Hepatocyte Fas-associating Death Domain Protein/Mediator of Receptor-induced Toxicity (FADD/MORT1) Levels Increase in Response to Pro-apoptotic Stimuli. <i>Journal of Biological Chemistry</i> , 2002, 277, 38855-38862.	1.6	22
79	Pro- and Anti-Apoptotic Effects of Nitric Oxide in Irradiated Keratinocytes: The Role of Superoxide. <i>Skin Pharmacology and Physiology</i> , 2002, 15, 348-352.	1.1	23
80	Nitric oxide and wound repair: role of cytokines?. <i>Nitric Oxide - Biology and Chemistry</i> , 2002, 7, 1-10.	1.2	330
81	Modelling Blood Flow Regulation by Nitric Oxide in Psoriatic Plaques. <i>Bulletin of Mathematical Biology</i> , 2002, 64, 623-641.	0.9	6
82	Mathematical Modelling of Nitric Oxide Regulation of Rete Peg Formation in Psoriasis. <i>Journal of Theoretical Biology</i> , 2002, 214, 1-16.	0.8	21
83	Anti-E-selectin is ineffective in the treatment of psoriasis: a randomized trial. <i>British Journal of Dermatology</i> , 2002, 146, 824-831.	1.4	135
84	Antimicrobial effect of acidified nitrite on dermatophyte fungi, <i>Candida</i> and bacterial skin pathogens. <i>Journal of Applied Microbiology</i> , 2001, 90, 648-652.	1.4	120
85	Nitric oxide and inflammatory disorders of the skin. , 2001, , 179-190.		1
86	Psoriatic keratinocytes show reduced IRF β and STAT β activation in response to β -IFN. <i>FASEB Journal</i> , 1999, 13, 495-502.	0.2	44
87	Detection of nitric oxide and nitric oxide synthases in psoriasis. <i>Archives of Dermatological Research</i> , 1998, 290, 3-8.	1.1	118
88	Expression of nitric oxide synthase III (eNOS) mRNA by human skin cells: melanocytes but not keratinocytes express eNOS mRNA. <i>Archives of Dermatological Research</i> , 1998, 290, 350-352.	1.1	27
89	Tonsillitis and chronic psoriasis. <i>Clinical Otolaryngology</i> , 1998, 23, 67-68.	0.0	41
90	Langerhans cells, keratinocytes, nitric oxide and psoriasis. <i>Trends in Immunology</i> , 1998, 19, 427.	7.5	9

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91	A randomized trial of acidified nitrite cream in the treatment of tinea pedis. Journal of the American Academy of Dermatology, 1998, 38, 559-563.	0.6	67
92	Penicillamine in the Etiology of Bullous Pemphigoid. Annals of Pharmacotherapy, 1998, 32, 1368-1368.	0.9	11
93	Wound licking and nitric oxide. Lancet, The, 1997, 349, 1776.	6.3	41
94	A comparison of subjective and objective measures of reduction of psoriasis with the use of ultrasound, reflectance colorimetry, computerized video image analysis, and nitric oxide production. Journal of the American Academy of Dermatology, 1997, 37, 51-57.	0.6	37
95	Nitric oxide release accounts for the reduced incidence of cutaneous infections in psoriasis. Journal of the American Academy of Dermatology, 1997, 36, 281-282.	0.6	13
96	Increased expression of inducible nitric oxide (NO) synthase. British Journal of Dermatology, 1997, 136, 136-137.	1.4	25
97	Microbial Communities on Human Tissues; An Important Source of Contaminants in Plant Tissue Cultures. Developments in Plant Pathology, 1997, , 245-257.	0.1	2
98	Nitric oxide--a newly discovered chemical transmitter in human skin. British Journal of Dermatology, 1997, 137, 665-72.	1.4	13
99	Water tester's dermatitis due to a para-phenylenediamine derivative. Contact Dermatitis, 1996, 34, 138-138.	0.8	4
100	Contact dermatitis from cotoneaster. Contact Dermatitis, 1996, 34, 433-434.	0.8	8
101	Transmission of <i>trichophyton interdigitale</i> via an intermediate plant host. British Journal of Dermatology, 1996, 135, 656-657.	1.4	7
102	Endobronchial involvement in a patient presenting with cutaneous sarcoid. Clinical and Experimental Dermatology, 1996, 21, 239-240.	0.6	1
103	Nitric Oxide Is Generated on the Skin Surface by Reduction of Sweat Nitrate. Journal of Investigative Dermatology, 1996, 107, 327-331.	0.3	150
104	Adult Still's disease. British Journal of Dermatology, 1994, 130, 511-513.	1.4	38
105	Onycholysis in a case of atopic eczema treated with PUVA photochemotherapy. Clinical and Experimental Dermatology, 1992, 17, 65-66.	0.6	11
106	Analytical Measurements of Natural Lead Radiations. Health Physics, 1981, 41, 15-22.	0.3	6