

# Gary M Halliday

## List of Publications by Year in descending order

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92  
papers

5,535  
citations

76326

40  
h-index

79698

73  
g-index

92  
all docs

92  
docs citations

92  
times ranked

4979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex Differences in Photoprotective Responses to 1,25-Dihydroxyvitamin D3 in Mice Are Modulated by the Estrogen Receptor- $\beta$ . <i>International Journal of Molecular Sciences</i> , 2021, 22, 1962.	4.1	7
2	B Cell-Targeted Immunotherapy Limits Tumor Growth, Enhances Survival, and Prevents Lymph Node Metastasis of UV-Induced Keratinocyte Cancers in Mice. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1459-1463.	0.7	7
3	Nicotinamide for photoprotection and skin cancer chemoprevention: A review of efficacy and safety. <i>Experimental Dermatology</i> , 2019, 28, 15-22.	2.9	63
4	Neurocognitive Function and Quality of Life Outcomes in the ONTRAC Study for Skin Cancer Chemoprevention by Nicotinamide. <i>Geriatrics (Switzerland)</i> , 2019, 4, 31.	1.7	3
5	A Reduction in Inflammatory Macrophages May Contribute to Skin Cancer Chemoprevention by Nicotinamide. <i>Journal of Investigative Dermatology</i> , 2019, 139, 467-469.	0.7	17
6	Melanoma and nonmelanoma skin cancer chemoprevention: A role for nicotinamide?. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2018, 34, 5-12.	1.5	22
7	Brahma deficiency in keratinocytes promotes UV carcinogenesis by accelerating the escape from cell cycle arrest and the formation of DNA photolesions. <i>Journal of Dermatological Science</i> , 2018, 92, 254-263.	1.9	7
8	Melanoma protective antitumor immunity activated by catalytic DNA. <i>Oncogene</i> , 2018, 37, 5115-5126.	5.9	15
9	Damaging Effects of Ultraviolet Radiation on the Cornea. <i>Photochemistry and Photobiology</i> , 2017, 93, 920-929.	2.5	59
10	Self-organized centripetal movement of corneal epithelium in the absence of external cues. <i>Nature Communications</i> , 2016, 7, 12388.	12.8	38
11	B cells are required for sunlight protection of mice from a CNS-targeted autoimmune attack. <i>Journal of Autoimmunity</i> , 2016, 73, 10-23.	6.5	19
12	The alternative complement component factor B regulates UV-induced oedema, systemic suppression of contact and delayed hypersensitivity, and mast cell infiltration into the skin. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 801-806.	2.9	10
13	A Phase 3 Randomized Trial of Nicotinamide for Skin-Cancer Chemoprevention. <i>New England Journal of Medicine</i> , 2015, 373, 1618-1626.	27.0	469
14	CYP11A1 in skin: An alternative route to photoprotection by vitamin D compounds. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 72-78.	2.5	55
15	Nicotinamide Enhances Repair of Arsenic and Ultraviolet Radiation-Induced DNA Damage in HaCaT Keratinocytes and Ex Vivo Human Skin. <i>PLoS ONE</i> , 2015, 10, e0117491.	2.5	38
16	Brm Inhibits the Proliferative Response of Keratinocytes and Corneal Epithelial Cells to Ultraviolet Radiation-Induced Damage. <i>PLoS ONE</i> , 2014, 9, e107931.	2.5	15
17	Pharmacologically Antagonizing the CXCR4-CXCL12 Chemokine Pathway with AMD3100 Inhibits Sunlight-Induced Skin Cancer. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1091-1100.	0.7	54
18	Oral and systemic photoprotection. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2014, 30, 102-111.	1.5	35

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19	An Unexpected Role: UVA-Induced Release of Nitric Oxide from Skin May Have Unexpected Health Benefits. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1791-1794.	0.7	19
20	Nicotinamide enhances repair of ultraviolet radiation-induced DNA damage in primary melanocytes. <i>Experimental Dermatology</i> , 2014, 23, 509-511.	2.9	44
21	Opening of Chloride Channels by 1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub> Contributes to Photoprotection against UVR-Induced Thymine Dimers in Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2013, 133, 776-782.	0.7	25
22	Non-melanoma skin cancer: carcinogenesis and chemoprevention. <i>Pathology</i> , 2013, 45, 331-341.	0.6	83
23	Nicotinamide enhances repair of ultraviolet radiation-induced DNA damage in human keratinocytes and ex vivo skin. <i>Carcinogenesis</i> , 2013, 34, 1144-1149.	2.8	98
24	It's All about Position: The Basal Layer of Human Epidermis Is Particularly Susceptible to Different Types of Sunlight-Induced DNA Damage. <i>Journal of Investigative Dermatology</i> , 2012, 132, 265-267.	0.7	25
25	Oral Nicotinamide Reduces Actinic Keratoses in Phase II Double-Blinded Randomized Controlled Trials. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1497-1500.	0.7	116
26	Dermal mast cells affect the development of sunlight-induced skin tumours. <i>Experimental Dermatology</i> , 2012, 21, 241-248.	2.9	39
27	1 $\alpha$ ,25 Dihydroxyvitamin D <sub>3</sub> enhances cellular defences against UV-induced oxidative and other forms of DNA damage in skin. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1837-1847.	2.9	65
28	Human 8-oxoguanine-DNA glycosylase-1 is downregulated in human basal cell carcinoma. <i>Molecular Genetics and Metabolism</i> , 2012, 106, 127-130.	1.1	23
29	The suppressive effects of ultraviolet radiation on immunity in the skin and internal organs: Implications for autoimmunity. <i>Journal of Dermatological Science</i> , 2012, 66, 176-182.	1.9	42
30	The absence of B <sub>220</sub> exacerbates photocarcinogenesis. <i>Experimental Dermatology</i> , 2012, 21, 599-604.	2.9	21
31	The Immune-Modulating Cytokine and Endogenous Alarmin Interleukin-33 Is Upregulated in Skin Exposed to Inflammatory UVB Radiation. <i>American Journal of Pathology</i> , 2011, 179, 211-222.	3.8	104
32	Ultraviolet A Radiation: Its Role in Immunosuppression and Carcinogenesis. <i>Seminars in Cutaneous Medicine and Surgery</i> , 2011, 30, 214-221.	1.6	86
33	Downregulation of Cockayne syndrome B protein reduces human 8-oxoguanine DNA glycosylase-1 expression and repair of UV radiation-induced 8-oxo-dGTP and 8-oxo-dGTP deoxyguanine. <i>Cancer Science</i> , 2011, 102, 2716-2721.	2.9	27
34	The Consequences of UV-Induced Immunosuppression for Human Health. <i>Photochemistry and Photobiology</i> , 2011, 87, 965-977.	2.5	127
35	Chromatin Structure Following UV-Induced DNA Damage: Repair or Death?. <i>International Journal of Molecular Sciences</i> , 2011, 12, 8063-8085.	4.1	32
36	Topical calcitriol protects from UV-induced genetic damage but suppresses cutaneous immunity in humans. <i>Experimental Dermatology</i> , 2010, 19, e23-30.	2.9	66

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37	Topical riboflavin attenuates ultraviolet B- and ultraviolet A-induced immunosuppression in humans. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2010, 26, 66-69.	1.5	8
38	Common Links among the Pathways Leading to UV-Induced Immunosuppression. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1209-1212.	0.7	30
39	Nicotinamide Prevents Ultraviolet Radiation-Induced Cellular Energy Loss. <i>Photochemistry and Photobiology</i> , 2010, 86, 942-948.	2.5	102
40	Role of Nicotinamide in DNA Damage, Mutagenesis, and DNA Repair. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-13.	1.2	153
41	Wavelength dependency for UVA-induced suppression of recall immunity in humans. <i>Journal of Dermatological Science</i> , 2010, 59, 192-197.	1.9	42
42	A UVB Wavelength Dependency for Local Suppression of Recall Immunity in Humans Demonstrates a Peak at 300nm. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1680-1684.	0.7	28
43	Immunosuppressive ultraviolet-A radiation inhibits the development of skin memory CD8 T cells. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 25-30.	2.9	9
44	Hotspot Mutation of Brahma in Non-Melanoma Skin Cancer. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1012-1015.	0.7	45
45	The Alternative Complement Pathway Seems to be a UVA Sensor that Leads to Systemic Immunosuppression. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2694-2701.	0.7	31
46	SWI/SNF: A chromatin-remodelling complex with a role in carcinogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 725-728.	2.8	50
47	Waveband and Dose Dependency of Sunlight-Induced Immunomodulation and Cellular Changes <sup>&lt;sup&gt;</sup> . <i>Photochemistry and Photobiology</i> , 2008, 84, 35-46.	2.5	31
48	UV Radiation-Induced Immunosuppression Is Greater in Men and Prevented by Topical Nicotinamide. <i>Journal of Investigative Dermatology</i> , 2008, 128, 447-454.	0.7	167
49	Inflammatory Doses of UV May Not Be Necessary for Skin Carcinogenesis <sup>&lt;sup&gt;</sup> . <i>Photochemistry and Photobiology</i> , 2008, 84, 272-283.	2.5	77
50	Human 8-oxoguanine-DNA glycosylase 1 protein and gene are expressed more abundantly in the superficial than basal layer of human epidermis. <i>DNA Repair</i> , 2008, 7, 1542-1550.	2.8	35
51	The effects of sunlight on the skin. <i>Drug Discovery Today Disease Mechanisms</i> , 2008, 5, e201-e209.	0.8	34
52	Oral nicotinamide protects against ultraviolet radiation-induced immunosuppression in humans. <i>Carcinogenesis</i> , 2008, 30, 101-105.	2.8	109
53	The induction of immunity to a protein antigen using an adjuvant is significantly compromised by ultraviolet A radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 84, 128-134.	3.8	20
54	Ultraviolet B but Not A Radiation Activates Suppressor B Cells in Draining Lymph Nodes. <i>Photochemistry and Photobiology</i> , 2005, 81, 1366.	2.5	28

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55	B Cells Activated in Lymph Nodes in Response to Ultraviolet Irradiation or by Interleukin-10 Inhibit Dendritic Cell Induction of Immunity. <i>Journal of Investigative Dermatology</i> , 2005, 124, 570-578.	0.7	101
56	Measurement of Sunscreen Immune Protection Factors in Humans: A Consensus Paper. <i>Journal of Investigative Dermatology</i> , 2005, 125, 403-409.	0.7	73
57	Sunlight-Induced Immunosuppression in Humans Is Initially Because of UVB, Then UVA, Followed by Interactive Effects. <i>Journal of Investigative Dermatology</i> , 2005, 125, 840-846.	0.7	74
58	Activation of Molecular Adaptation to Sunlight—A New Approach to Photoprotection. <i>Journal of Investigative Dermatology</i> , 2005, 125, xviii-xix.	0.7	4
59	Inflammation, gene mutation and photoimmunosuppression in response to UVR-induced oxidative damage contributes to photocarcinogenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 571, 107-120.	1.0	384
60	Cyclobutane pyrimidine dimer formation is a molecular trigger for solar-simulated ultraviolet radiation-induced suppression of memory immunity in humans. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 577.	2.9	73
61	UVA—A Fingerprint Mutations in Human Skin Cancer. <i>Photochemistry and Photobiology</i> , 2005, 81, 3-8.	2.5	1
62	The basal layer in human squamous tumors harbors more UVA than UVB fingerprint mutations: A role for UVA in human skin carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4954-4959.	7.1	486
63	The suppression of immunity by ultraviolet radiation: UVA, nitric oxide and DNA damage. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 736.	2.9	46
64	The Topical Isoflavonoid NV—7± Reduces Solar—simulated UVA—induced Suppression of Mantoux Reactions in Humans. <i>Photochemistry and Photobiology</i> , 2004, 80, 416-421.	2.5	2
65	Ultraviolet A Fingerprint Mutations in Human Skin Cancer. <i>Photochemistry and Photobiology</i> , 2004, 81, 3-8.	2.5	9
66	Prevention of Immunosuppression by Sunscreens in Humans Is Unrelated to Protection from Erythema and Dependent on Protection from Ultraviolet A in the Face of Constant Ultraviolet B Protection. <i>Journal of Investigative Dermatology</i> , 2003, 121, 184-190.	0.7	70
67	Orf virus-encoded interleukin-10 inhibits maturation, antigen presentation and migration of murine dendritic cells. <i>Journal of General Virology</i> , 2003, 84, 1101-1109.	2.9	49
68	Objective Measurement of Minimal Erythema and Melanogenic Doses Using Natural and Solar-simulated Light. <i>Photochemistry and Photobiology</i> , 2003, 78, 331-336.	2.5	2
69	Nitric Oxide-Mediated Depletion of Langerhans Cells from the Epidermis May Be Involved in UVA Radiation-Induced Immunosuppression. <i>Nitric Oxide - Biology and Chemistry</i> , 2002, 6, 313-318.	2.7	42
70	Measurement of ultraviolet radiation-induced suppression of recall contact and delayed-type hypersensitivity in humans. <i>Methods</i> , 2002, 28, 34-45.	3.8	66
71	Ultraviolet A Irradiation of C57BL/6 Mice Suppresses Systemic Contact Hypersensitivity or Enhances Secondary Immunity Depending on Dose. <i>Journal of Investigative Dermatology</i> , 2002, 119, 858-864.	0.7	67
72	Ultraviolet A Augments Solar-Simulated Ultraviolet Radiation-Induced Local Suppression of Recall Responses in Humans. <i>Journal of Investigative Dermatology</i> , 2002, 118, 1032-1037.	0.7	41

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73	Infiltration by inflammatory cells required for solar-simulated ultraviolet radiation enhancement of skin tumor growth. <i>Cancer Immunology, Immunotherapy</i> , 2001, 50, 151-156.	4.2	19
74	Effects of low-dose ultraviolet radiation on in vivo human cutaneous recall responses. <i>Australasian Journal of Dermatology</i> , 2001, 42, 161-167.	0.7	28
75	Protective immunity to UV radiation-induced skin tumours induced by skin grafts and epidermal cells. <i>Immunology and Cell Biology</i> , 2001, 79, 29-34.	2.3	2
76	Enhanced tumor growth in UV-irradiated skin is associated with an influx of inflammatory cells into the epidermis. <i>Carcinogenesis</i> , 2000, 21, 1801-1807.	2.8	28
77	Low-Dose UVA and UVB have Different Time Courses for Suppression of Contact Hypersensitivity to a Recall Antigen in Humans. <i>Journal of Investigative Dermatology</i> , 1999, 112, 939-944.	0.7	95
78	Measurement of In Vivo Sunscreen Immune Protection Factors in Humans. <i>Photochemistry and Photobiology</i> , 1999, 70, 910-915.	2.5	35
79	Measurement of In Vivo Sunscreen Immune Protection Factors in Humans. <i>Photochemistry and Photobiology</i> , 1999, 70, 910.	2.5	7
80	Sunscreens and vitamin E provide some protection to the skin immune system from solar-simulated UV radiation. <i>Australasian Journal of Dermatology</i> , 1998, 39, 71-75.	0.7	4
81	Bioactive tumour necrosis factor alpha but not granulocyte-macrophage colony-stimulating factor correlates inversely with Langerhans' cell numbers in skin tumours. , 1998, 75, 210-216.		11
82	Ultraviolet Radiation Induced Suppression of Mantoux Reactions in Humans. <i>Journal of Investigative Dermatology</i> , 1998, 110, 824-827.	0.7	56
83	Modulation of MHC class II+ Langerhans cell numbers in corticosteroid treated epidermis by GM-CSF in combination with TNF-alpha. <i>Experimental Dermatology</i> , 1997, 6, 236-242.	2.9	4
84	Broad-Spectrum Sunscreens Provide Greater Protection against Ultraviolet-Radiation-Induced Suppression of Contact Hypersensitivity to a Recall Antigen in Humans. <i>Journal of Investigative Dermatology</i> , 1997, 109, 146-151.	0.7	114
85	Î±-Tocopherol, an Inhibitor of Epidermal Lipid Peroxidation, Prevents Ultraviolet Radiation from Suppressing the Skin Immune System. <i>Photochemistry and Photobiology</i> , 1997, 65, 587-592.	2.5	342
86	Dendritic epidermal T-cell involvement in induction of CD8+ T cell-mediated immunity against an ultraviolet radiation-induced skin tumor. , 1997, 70, 98-105.		9
87	Chronic Low-Dose UVA Irradiation Induces Local Suppression of Contact Hypersensitivity, Langerhans Cell Depletion and Suppressor Cell Activation in C3H/HeJ Mice. <i>Photochemistry and Photobiology</i> , 1996, 64, 969-974.	2.5	74
88	Sunscreens Protect from UV-Promoted Squamous Cell Carcinoma in Mice Chronically Irradiated with Doses of UV Radiation Insufficient to Cause Edema. <i>Photochemistry and Photobiology</i> , 1996, 64, 188-193.	2.5	26
89	Modulation of Ia+ Langerhans cell numbers in vivo by cultured epidermis derived supernatants and by GM-CSF. <i>Experimental Dermatology</i> , 1996, 5, 28-37.	2.9	6
90	Sunscreen Protection of Contact Hypersensitivity Responses from Chronic Solar-Simulated Ultraviolet Irradiation Correlates with the Absorption Spectrum of the Sunscreen. <i>Journal of Investigative Dermatology</i> , 1995, 105, 345-351.	0.7	91

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91	All-trans retinoic acid induces functional maturation of epidermal Langerhans cells and protects their accessory function from ultraviolet radiation. <i>Experimental Dermatology</i> , 1994, 3, 204-211.	2.9	11
92	Changes in epidermal Langerhans cells, $\hat{I}^3\hat{I}$ T cells and CD4 T cells after intradermal infection with recombinant vaccinia virus expressing cytokine genes. <i>Immunology and Cell Biology</i> , 1994, 72, 383-389.	2.3	9