

Gary M Halliday

List of Publications by Year in descending order

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92
papers

5,535
citations

76326

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79698

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92
all docs

92
docs citations

92
times ranked

4979
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Role of Nicotinamide in DNA Damage, Mutagenesis, and DNA Repair. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-13.	1.2	153
7	The Consequences of UVâ€­induced Immunosuppression for Human Health. <i>Photochemistry and Photobiology</i> , 2011, 87, 965-977.	2.5	127
8	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
9	Broad-Spectrum Sunscreens Provide Greater Protection against Ultraviolet-Radiationâ€­Induced Suppression of Contact Hypersensitivity to a Recall Antigen in Humans. <i>Journal of Investigative Dermatology</i> , 1997, 109, 146-151.	0.7	114
10	Oral nicotinamide protects against ultraviolet radiation-induced immunosuppression in humans. <i>Carcinogenesis</i> , 2008, 30, 101-105.	2.8	109
11	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
12	Nicotinamide Prevents Ultraviolet Radiationâ€­induced Cellular Energy Loss. <i>Photochemistry and Photobiology</i> , 2010, 86, 942-948.	2.5	102
13	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
14	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
15	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
16	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
17	Ultraviolet A Radiation: Its Role in Immunosuppression and Carcinogenesis. <i>Seminars in Cutaneous Medicine and Surgery</i> , 2011, 30, 214-221.	1.6	86
18	Non-melanoma skin cancer: carcinogenesis and chemoprevention. <i>Pathology</i> , 2013, 45, 331-341.	0.6	83

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19	Inflammatory Doses of UV May Not Be Necessary for Skin Carcinogenesis. Photochemistry and Photobiology, 2008, 84, 272-283.	2.5	77
20	Chronic Low-Dose UVA Irradiation Induces Local Suppression of Contact Hypersensitivity, Langerhans Cell Depletion and Suppressor Cell Activation in C3H/HeJ Mice. Photochemistry and Photobiology, 1996, 64, 969-974.	2.5	74
21	Sunlight-Induced Immunosuppression in Humans Is Initially Because of UVB, Then UVA, Followed by Interactive Effects. Journal of Investigative Dermatology, 2005, 125, 840-846.	0.7	74
22	Measurement of Sunscreen Immune Protection Factors in Humans: A Consensus Paper. Journal of Investigative Dermatology, 2005, 125, 403-409.	0.7	73
23	Cyclobutane pyrimidine dimer formation is a molecular trigger for solar-simulated ultraviolet radiation-induced suppression of memory immunity in humans. Photochemical and Photobiological Sciences, 2005, 4, 577.	2.9	73
24	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. Journal of Investigative Dermatology, 2003, 121, 184-190.	0.7	70
25	Ultraviolet A Irradiation of C57BL/6 Mice Suppresses Systemic Contact Hypersensitivity or Enhances Secondary Immunity Depending on Dose. Journal of Investigative Dermatology, 2002, 119, 858-864.	0.7	67
26	Measurement of ultraviolet radiation-induced suppression of recall contact and delayed-type hypersensitivity in humans. Methods, 2002, 28, 34-45.	3.8	66
27	Topical calcitriol protects from UV-induced genetic damage but suppresses cutaneous immunity in humans. Experimental Dermatology, 2010, 19, e23-30.	2.9	66
28	1,25 Dihydroxyvitamin D3 enhances cellular defences against UV-induced oxidative and other forms of DNA damage in skin. Photochemical and Photobiological Sciences, 2012, 11, 1837-1847.	2.9	65
29	Nicotinamide for photoprotection and skin cancer chemoprevention: A review of efficacy and safety. Experimental Dermatology, 2019, 28, 15-22.	2.9	63
30	Damaging Effects of Ultraviolet Radiation on the Cornea. Photochemistry and Photobiology, 2017, 93, 920-929.	2.5	59
31	Ultraviolet Radiation Induced Suppression of Mantoux Reactions in Humans. Journal of Investigative Dermatology, 1998, 110, 824-827.	0.7	56
32	CYP11A1 in skin: An alternative route to photoprotection by vitamin D compounds. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 72-78.	2.5	55
33	Pharmacologically Antagonizing the CXCR4-CXCL12 Chemokine Pathway with AMD3100 Inhibits Sunlight-Induced Skin Cancer. Journal of Investigative Dermatology, 2014, 134, 1091-1100.	0.7	54
34	SWI/SNF: A chromatin-remodelling complex with a role in carcinogenesis. International Journal of Biochemistry and Cell Biology, 2009, 41, 725-728.	2.8	50
35	Orf virus-encoded interleukin-10 inhibits maturation, antigen presentation and migration of murine dendritic cells. Journal of General Virology, 2003, 84, 1101-1109.	2.9	49
36	The suppression of immunity by ultraviolet radiation: UVA, nitric oxide and DNA damage. Photochemical and Photobiological Sciences, 2004, 3, 736.	2.9	46

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37	Hotspot Mutation of Brahma in Non-Melanoma Skin Cancer. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1012-1015.	0.7	45
38	Nicotinamide enhances repair of ultraviolet radiation-induced DNA damage in primary melanocytes. <i>Experimental Dermatology</i> , 2014, 23, 509-511.	2.9	44
39	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
40	Wavelength dependency for UVA-induced suppression of recall immunity in humans. <i>Journal of Dermatological Science</i> , 2010, 59, 192-197.	1.9	42
41	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
42	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
43	Dermal mast cells affect the development of sunlight-induced skin tumours. <i>Experimental Dermatology</i> , 2012, 21, 241-248.	2.9	39
44	Self-organized centripetal movement of corneal epithelium in the absence of external cues. <i>Nature Communications</i> , 2016, 7, 12388.	12.8	38
45	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
46	Measurement of In Vivo Sunscreen Immune Protection Factors in Humans. <i>Photochemistry and Photobiology</i> , 1999, 70, 910-915.	2.5	35
47	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
48	Oral and systemic photoprotection. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2014, 30, 102-111.	1.5	35
49	The effects of sunlight on the skin. <i>Drug Discovery Today Disease Mechanisms</i> , 2008, 5, e201-e209.	0.8	34
50	Chromatin Structure Following UV-Induced DNA Damage—Repair or Death?. <i>International Journal of Molecular Sciences</i> , 2011, 12, 8063-8085.	4.1	32
51	Waveband and Dose Dependency of Sunlight-induced Immunomodulation and Cellular Changes. <i>Photochemistry and Photobiology</i> , 2008, 84, 35-46.	2.5	31
52	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
53	Common Links among the Pathways Leading to UV-Induced Immunosuppression. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1209-1212.	0.7	30
54	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

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55	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
56	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
57	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
58	Downregulation of Cockayne syndrome B protein reduces human 8-oxoguanine DNA glycosylase-1 expression and repair of UV radiation-induced 8-oxo-7,8-dihydro-2-deoxyguanine. <i>Cancer Science</i> , 2011, 102, 271651-1658.	1.1	27
59	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
60	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
61	Opening of Chloride Channels by 1 α ,25-Dihydroxyvitamin D 3 Contributes to Photoprotection against UVR-Induced Thymine Dimers in Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2013, 133, 776-782.	0.7	25
62	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
63	Melanoma and nonmelanoma skin cancer chemoprevention: A role for nicotinamide?. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2018, 34, 5-12.	1.5	22
64	The absence of <i>Brm</i> exacerbates photocarcinogenesis. <i>Experimental Dermatology</i> , 2012, 21, 599-604.	2.9	21
65	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
66	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
67	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
68	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
69	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
70	<i>Brm</i> 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
71	Melanoma protective antitumor immunity activated by catalytic DNA. <i>Oncogene</i> , 2018, 37, 5115-5126.	5.9	15
72	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

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73	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
74	The alternative complement component factor B regulates UV-induced oedema, systemic suppression of contact and delayed hypersensitivity, and mast cell infiltration into the skin. Photochemical and Photobiological Sciences, 2015, 14, 801-806.	2.9	10
75	Changes in epidermal Langerhans cells, $\hat{3}\hat{1}$ T cells and CD4 T cells after intradermal infection with recombinant vaccinia virus expressing cytokine genes. Immunology and Cell Biology, 1994, 72, 383-389.	2.3	9
76	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
77	Immunosuppressive ultraviolet-A radiation inhibits the development of skin memory CD8 T cells. Photochemical and Photobiological Sciences, 2010, 9, 25-30.	2.9	9
78	Ultraviolet A Fingerprint Mutations in Human Skin Cancer. Photochemistry and Photobiology, 2004, 81, 3-8.	2.5	9
79	Topical riboflavin attenuates ultraviolet B- and ultraviolet A-induced immunosuppression in humans. Photodermatology Photoimmunology and Photomedicine, 2010, 26, 66-69.	1.5	8
80	Brahma deficiency in keratinocytes promotes UV carcinogenesis by accelerating the escape from cell cycle arrest and the formation of DNA photolesions. Journal of Dermatological Science, 2018, 92, 254-263.	1.9	7
81	B Cell-Targeted Immunotherapy Limits Tumor Growth, Enhances Survival, and Prevents Lymph Node Metastasis of UV-Induced Keratinocyte Cancers in Mice. Journal of Investigative Dermatology, 2020, 140, 1459-1463.	0.7	7
82	Sex Differences in Photoprotective Responses to 1,25-Dihydroxyvitamin D3 in Mice Are Modulated by the Estrogen Receptor- $\hat{2}$. International Journal of Molecular Sciences, 2021, 22, 1962.	4.1	7
83	Measurement of In Vivo Sunscreen Immune Protection Factors in Humans. Photochemistry and Photobiology, 1999, 70, 910.	2.5	7
84	Modulation of Ia+ Langerhans cell numbers in vivo by cultured epidermis derived supernatants and by GM-CSF. Experimental Dermatology, 1996, 5, 28-37.	2.9	6
85	Modulation of MHC class II+ Langerhans cell numbers in corticosteroid treated epidermis by GM-CSF in combination with TNF-alpha. Experimental Dermatology, 1997, 6, 236-242.	2.9	4
86	Sunscreens and vitamin E provide some protection to the skin immune system from solarâ€simulated UV radiation. Australasian Journal of Dermatology, 1998, 39, 71-75.	0.7	4
87	Activation of Molecular Adaptation to Sunlightâ€”A New Approach to Photoprotection. Journal of Investigative Dermatology, 2005, 125, xviii-xix.	0.7	4
88	Neurocognitive Function and Quality of Life Outcomes in the ONTRAC Study for Skin Cancer Chemoprevention by Nicotinamide. Geriatrics (Switzerland), 2019, 4, 31.	1.7	3
89	Protective immunity to UV radiation-induced skin tumours induced by skin grafts and epidermal cells. Immunology and Cell Biology, 2001, 79, 29-34.	2.3	2
90	The Topical Isoflavonoid NVâ€” Reduces Solarâ€simulated UVâ€”induced Suppression of Mantoux Reactions in Humans ^{>Â†} . Photochemistry and Photobiology, 2004, 80, 416-421.	2.5	2

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91	Objective Measurement of Minimal Erythema and Melanogenic Doses Using Natural and Solar-simulated Light. Photochemistry and Photobiology, 2003, 78, 331-336.	2.5	2
92	UVA Fingerprint Mutations in Human Skin Cancer. Photochemistry and Photobiology, 2005, 81, 3-8.	2.5	1