

Shelley Gorman

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,591
citations

201575

27
h-index

197736

49
g-index

76
all docs

76
docs citations

76
times ranked

3412
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying the effectiveness of betaherpesvirus-vectored transmissible vaccines. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	7
2	Sex-Specific Environmental Impacts on Initiation and Progression of Multiple Sclerosis. Frontiers in Neurology, 2022, 13, 835162.	1.1	9
3	The Effects of Using the Sun Safe App on Sun Health Knowledge and Behaviors of Young Teenagers: Results of Pilot Intervention Studies. JMIR Dermatology, 2022, 5, e35137.	0.4	2
4	Developing an Online Tool to Promote Safe Sun Behaviors With Young Teenagers as Co-researchers. Frontiers in Digital Health, 2021, 3, 626606.	1.5	6
5	Associations of serum short-chain fatty acids with circulating immune cells and serum biomarkers in patients with multiple sclerosis. Scientific Reports, 2021, 11, 5244.	1.6	41
6	Exposomes and metabolic health through a physical activity lens: a narrative review. Journal of Endocrinology, 2021, 249, R25-R41.	1.2	7
7	Metabolic dysfunction induced by a high-fat diet modulates hematopoietic stem and myeloid progenitor cells in brown adipose tissue of mice. Immunology and Cell Biology, 2021, 99, 749-766.	1.0	2
8	Sun-health behaviours and attitudes towards sun safety amongst Australian teenagers: a qualitative update. BMC Research Notes, 2021, 14, 349.	0.6	6
9	Characterising nitric oxide-mediated metabolic benefits of low-dose ultraviolet radiation in the mouse: a focus on brown adipose tissue. Diabetologia, 2020, 63, 179-193.	2.9	22
10	Sun exposure: An environmental preventer of metabolic dysfunction?. Current Opinion in Endocrine and Metabolic Research, 2020, 11, 1-8.	0.6	6
11	SGLT2 Inhibitor-Induced Sympathoexcitation in White Adipose Tissue: A Novel Mechanism for Beiging. Biomedicines, 2020, 8, 514.	1.4	11
12	Investigating the Potential for Ultraviolet Light to Modulate Morbidity and Mortality From COVID-19: A Narrative Review and Update. Frontiers in Cardiovascular Medicine, 2020, 7, 616527.	1.1	17
13	Low-dose UV radiation before running wheel access activates brown adipose tissue. Journal of Endocrinology, 2020, 244, 473-486.	1.2	6
14	Significant Associations Between Sun Exposure and Adiposity Were Not Observed in Breast and Prostate Cancer Patients in a Cross-sectional Analysis. Photochemistry and Photobiology, 2019, 95, 1433-1440.	1.3	0
15	The challenges of developing and optimising an assay to measure 25-hydroxyvitamin D in saliva. Journal of Steroid Biochemistry and Molecular Biology, 2019, 194, 105437.	1.2	12
16	Season, Terrestrial Ultraviolet Radiation, and Markers of Glucose Metabolism in Children Living in Perth, Western Australia. International Journal of Environmental Research and Public Health, 2019, 16, 3734.	1.2	3
17	Regular exposure to non-burning ultraviolet radiation reduces signs of non-alcoholic fatty liver disease in mature adult mice fed a high fat diet: results of a pilot study. BMC Research Notes, 2019, 12, 78.	0.6	8
18	Maternal high fat diet compromises survival and modulates lung development of offspring, and impairs lung function of dams (female mice). Respiratory Research, 2019, 20, 21.	1.4	14

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19	Systematic Review of the Effects of Ultraviolet Radiation on Markers of Metabolic Dysfunction. , 2019, 40, 147-162.		7
20	IFN γ inhibits the development of allergen tolerance and is conducive to the development of asthma on subsequent allergen exposure. Immunology and Cell Biology, 2018, 96, 841-851.	1.0	0
21	Investigating the roles of regulatory T cells, mast cells and interleukin-9 in the control of skin inflammation by vitamin D. Archives of Dermatological Research, 2018, 310, 221-230.	1.1	10
22	High Dose Vitamin D supplementation alters faecal microbiome and predisposes mice to more severe colitis. Scientific Reports, 2018, 8, 11511.	1.6	37
23	Sub-erythematous ultraviolet radiation reduces metabolic dysfunction in already overweight mice. Journal of Endocrinology, 2017, 233, 81-92.	1.2	28
24	Ultraviolet radiation, vitamin D and the development of obesity, metabolic syndrome and type-2 diabetes. Photochemical and Photobiological Sciences, 2017, 16, 362-373.	1.6	24
25	Vitamin D supplementation of initially vitamin D-deficient mice diminishes lung inflammation with limited effects on pulmonary epithelial integrity. Physiological Reports, 2017, 5, e13371.	0.7	27
26	High-Dose Intramuscular Vitamin D Provides Long-Lasting Moderate Increases in Serum 25-Hydroxyvitamin D Levels and Shorter-Term Changes in Plasma Calcium. Journal of AOAC INTERNATIONAL, 2017, 100, 1337-1344.	0.7	9
27	Clinical, Research, and Public Health Implications of Poor Measurement of Vitamin D Status. Journal of AOAC INTERNATIONAL, 2017, 100, 1225-1229.	0.7	14
28	Dietary Vitamin D Increases Percentages and Function of Regulatory T Cells in the Skin-Draining Lymph Nodes and Suppresses Dermal Inflammation. Journal of Immunology Research, 2016, 2016, 1-13.	0.9	16
29	Sun Exposure and Its Effects on Human Health: Mechanisms through Which Sun Exposure Could Reduce the Risk of Developing Obesity and Cardiometabolic Dysfunction. International Journal of Environmental Research and Public Health, 2016, 13, 999.	1.2	31
30	Response to the Boucher et al. Comments on Fleury et al. Sun Exposure and Its Effects on Human Health: Mechanisms through Which Sun Exposure Could Reduce the Risk of Developing Obesity and Cardiometabolic Dysfunction. Int. J. Environ. Res. Public Health 2016, 13, 999. International Journal of Environmental Research and Public Health, 2016, 13, 1257.	1.2	2
31	Vitamin D and allergic airway disease shape the murine lung microbiome in a sex-specific manner. Respiratory Research, 2016, 17, 116.	1.4	28
32	Identification of genes differentially regulated by vitamin D deficiency that alter lung pathophysiology and inflammation in allergic airways disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L653-L663.	1.3	10
33	A pathogenic role for the integrin CD103 in experimental allergic airways disease. Physiological Reports, 2016, 4, e13021.	0.7	13
34	Comparing the effects of sun exposure and vitamin D supplementation on vitamin D insufficiency, and immune and cardio-metabolic function: the Sun Exposure and Vitamin D Supplementation (SEDS) Study. BMC Public Health, 2015, 15, 115.	1.2	21
35	Can Skin Exposure to Sunlight Prevent Liver Inflammation?. Nutrients, 2015, 7, 3219-3239.	1.7	23
36	The Effects of <i>In Utero</i> Vitamin D Deficiency on Airway Smooth Muscle Mass and Lung Function. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 664-675.	1.4	55

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37	Reduced immune responses in chimeric mice engrafted with bone marrow cells from mice with airways inflammation. <i>Inflammation Research</i> , 2015, 64, 861-873.	1.6	0
38	Vitamin D deficiency causes airway hyperresponsiveness, increases airway smooth muscle mass, and reduces TGF- β expression in the lungs of female BALB/c mice. <i>Physiological Reports</i> , 2014, 2, e00276.	0.7	36
39	Low maternal serum vitamin D during pregnancy and the risk for postpartum depression symptoms. <i>Archives of Women's Mental Health</i> , 2014, 17, 213-219.	1.2	82
40	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
41	Vitamin D status and ill health. <i>Lancet Diabetes and Endocrinology</i> , the, 2014, 2, e8.	5.5	12
42	Vitamin D and immunity. <i>F1000prime Reports</i> , 2014, 6, 118.	5.9	60
43	Optimized 25-hydroxyvitamin D analysis using liquid-liquid extraction with 2D separation with LC/MS/MS detection, provides superior precision compared to conventional assays. <i>Metabolomics</i> , 2013, 9, 1031-1040.	1.4	74
44	Altered Immunity and Dendritic Cell Activity in the Periphery of Mice after Long-Term Engraftment with Bone Marrow from Ultraviolet-Irradiated Mice. <i>Journal of Immunology</i> , 2013, 190, 5471-5484.	0.4	45
45	Characterization of regulatory dendritic cells differentiated from the bone marrow of UV-irradiated mice. <i>Immunology</i> , 2013, 140, 399-412.	2.0	20
46	Reversible Control by Vitamin D of Granulocytes and Bacteria in the Lungs of Mice: An Ovalbumin-Induced Model of Allergic Airway Disease. <i>PLoS ONE</i> , 2013, 8, e67823.	1.1	34
47	Prostaglandin E2 imprints a long-lasting effect on dendritic cell progenitors in the bone marrow. <i>Journal of Leukocyte Biology</i> , 2013, 95, 225-232.	1.5	25
48	Exposure to UV Wavelengths in Sunlight Suppresses Immunity. To What Extent is UV-induced Vitamin D3 the Mediator Responsible?. <i>Clinical Biochemist Reviews</i> , 2013, 34, 3-13.	3.3	53
49	Toward Homeostasis. <i>American Journal of Pathology</i> , 2012, 181, 535-547.	1.9	13
50	The current state of play of rodent models to study the role of vitamin D in UV-induced immunomodulation. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1788.	1.6	9
51	Vitamin D ³ deficiency enhances allergen-induced lymphocyte responses in a mouse model of allergic airway disease. <i>Pediatric Allergy and Immunology</i> , 2012, 23, 83-87.	1.1	39
52	Acute Erythematous Ultraviolet Radiation Causes Systemic Immunosuppression in the Absence of Increased 25-Hydroxyvitamin D3 Levels in Male Mice. <i>PLoS ONE</i> , 2012, 7, e46006.	1.1	48
53	Differences in control by UV radiation of inflammatory airways disease in naïve and allergen pre-sensitized mice. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1894-1901.	1.6	6
54	Modulation of the immune system by UV radiation: more than just the effects of vitamin D?. <i>Nature Reviews Immunology</i> , 2011, 11, 584-596.	10.6	401

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55	Vitamin D Deficiency Causes Deficits in Lung Function and Alters Lung Structure. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1336-1343.	2.5	296
56	1,25-Dihydroxyvitamin D ₃ enhances the ability of transferred CD4 ⁺ CD25 ⁺ cells to modulate T helper type 2-driven asthmatic responses. Immunology, 2010, 130, 181-192.	2.0	52
57	Topical 1,25-Dihydroxyvitamin D ₃ subverts the priming ability of draining lymph node dendritic cells. Immunology, 2010, 131, 415-425.	2.0	35
58	UV inhibits allergic airways disease in mice by reducing effector CD4 ⁺ T cells. Clinical and Experimental Allergy, 2010, 40, 772-785.	1.4	18
59	Ultraviolet Irradiation of Mice Reduces the Competency of Bone Marrow-Derived CD11c ⁺ Cells via an Indomethacin-Inhibitible Pathway. Journal of Immunology, 2010, 185, 7207-7215.	0.4	48
60	UV exposure and protection against allergic airways disease. Photochemical and Photobiological Sciences, 2010, 9, 571-577.	1.6	22
61	Gene Regulation by 1,25-Dihydroxyvitamin D ₃ in CD4 ⁺ CD25 ⁺ Cells Is Enabled by IL-2. Journal of Investigative Dermatology, 2010, 130, 2368-2376.	0.3	16
62	Immune-modifying properties of topical vitamin D: Focus on dendritic cells and T cells. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 247-249.	1.2	32
63	Prior infection with murine cytomegalovirus (MCMV) limits the immunocontraceptive effects of an MCMV vector expressing the mouse zona-pellucida-3 protein. Vaccine, 2008, 26, 3860-3869.	1.7	9
64	Effect of Both Ultraviolet B Irradiation and Histamine Receptor Function on Allergic Responses to an Inhaled Antigen. Journal of Immunology, 2007, 178, 2794-2802.	0.4	38
65	Topically Applied 1,25-Dihydroxyvitamin D ₃ Enhances the Suppressive Activity of CD4 ⁺ CD25 ⁺ Cells in the Draining Lymph Nodes. Journal of Immunology, 2007, 179, 6273-6283.	0.4	243
66	CD4 ⁺ T Cells in Lymph Nodes of UVB-Irradiated Mice Suppress Immune Responses to New Antigens Both In Vitro and In Vivo. Journal of Investigative Dermatology, 2007, 127, 915-924.	0.3	27
67	Suppression of the asthmatic phenotype by ultraviolet B-induced, antigen-specific regulatory cells. Clinical and Experimental Allergy, 2007, 37, 1267-1276.	1.4	59
68	Mixed infection with multiple strains of murine cytomegalovirus occurs following simultaneous or sequential infection of immunocompetent mice. Journal of General Virology, 2006, 87, 1123-1132.	1.3	42
69	Transmission of two Australian strains of murine cytomegalovirus (MCMV) in enclosure populations of house mice (Mus domesticus). Epidemiology and Infection, 2005, 133, 701-710.	1.0	25
70	Primary Defect in UVB-Induced Systemic Immunomodulation Does Not Relate to Immature or Functionally Impaired APCs in Regional Lymph Nodes. Journal of Immunology, 2005, 174, 6677-6685.	0.4	30