

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|-------------------------|----------------|-----------------|
| 140 papers | 5,027 citations | 41 h-index | 66 g-index |
| 143 ext. papers | 5,674 ext. citations | 5.5 avg, IF | 5.59 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 140 | Modulation of the immune system by UV radiation: more than just the effects of vitamin D?. <i>Nature Reviews Immunology</i> , 2011 , 11, 584-96 | 36.5 | 326 |
| 139 | Terpinen-4-ol, the main component of the essential oil of <i>Melaleuca alternifolia</i> (tea tree oil), suppresses inflammatory mediator production by activated human monocytes. <i>Inflammation Research</i> , 2000 , 49, 619-26 | 7.2 | 248 |
| 138 | Vitamin D deficiency causes deficits in lung function and alters lung structure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1336-43 | 10.2 | 231 |
| 137 | Topically applied 1,25-dihydroxyvitamin D3 enhances the suppressive activity of CD4+CD25+ cells in the draining lymph nodes. <i>Journal of Immunology</i> , 2007 , 179, 6273-83 | 5.3 | 215 |
| 136 | Dermal mast cells determine susceptibility to ultraviolet B-induced systemic suppression of contact hypersensitivity responses in mice. <i>Journal of Experimental Medicine</i> , 1998 , 187, 2045-53 | 16.6 | 208 |
| 135 | Maternal serum vitamin D levels during pregnancy and offspring neurocognitive development. <i>Pediatrics</i> , 2012 , 129, 485-93 | 7.4 | 183 |
| 134 | Regulation of the inflammatory response in asthma by mast cell products. <i>Immunology and Cell Biology</i> , 2001 , 79, 149-53 | 5 | 147 |
| 133 | Tea tree oil reduces histamine-induced skin inflammation. <i>British Journal of Dermatology</i> , 2002 , 147, 1212-7 | 4 | 118 |
| 132 | Maternal vitamin D status during pregnancy and bone mass in offspring at 20 years of age: a prospective cohort study. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 1088-95 | 6.3 | 93 |
| 131 | Immune cell trafficking from the brain maintains CNS immune tolerance. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1228-41 | 15.9 | 91 |
| 130 | Vitamin D deficiency at 16 to 20 weeksTgestation is associated with impaired lung function and asthma at 6 years of age. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 571-7 | 4.7 | 87 |
| 129 | The water-soluble components of the essential oil of <i>Melaleuca alternifolia</i> (tea tree oil) suppress the production of superoxide by human monocytes, but not neutrophils, activated in vitro. <i>Inflammation Research</i> , 2001 , 50, 213-9 | 7.2 | 87 |
| 128 | Cis-urocanic acid synergizes with histamine for increased PGE2 production by human keratinocytes: link to indomethacin-inhibitable UVB-induced immunosuppression. <i>Photochemistry and Photobiology</i> , 1995 , 61, 303-9 | 3.6 | 82 |
| 127 | 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, 3759-69 | 0.9 | 81 |
| 126 | Basic pathogenic mechanisms operating in experimental models of acute anterior uveitis. <i>Immunology and Cell Biology</i> , 1998 , 76, 497-512 | 5 | 78 |
| 125 | Vitamin D in fetal development: findings from a birth cohort study. <i>Pediatrics</i> , 2015 , 135, e167-73 | 7.4 | 74 |
| 124 | Differential responses of human monocytes and macrophages to IL-4 and IL-13. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 575-578 | 6.5 | 68 |

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|-----|---|------|----|
| 123 | Low maternal serum vitamin D during pregnancy and the risk for postpartum depression symptoms. <i>Archives of Women's Mental Health</i> , 2014 , 17, 213-9 | 5 | 67 |
| 122 | Maternal vitamin D levels and the autism phenotype among offspring. <i>Journal of Autism and Developmental Disorders</i> , 2013 , 43, 1495-504 | 4.6 | 64 |
| 121 | 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 | 4.7 | 62 |
| 120 | Sunlight, immunosuppression and skin cancer: role of histamine and mast cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001 , 28, 1-8 | 3 | 62 |
| 119 | Mast cells, neuropeptides, histamine, and prostaglandins in UV-induced systemic immunosuppression. <i>Methods</i> , 2002 , 28, 79-89 | 4.6 | 62 |
| 118 | Ultraviolet radiation, vitamin D and multiple sclerosis. <i>Neurodegenerative Disease Management</i> , 2015 , 5, 413-24 | 2.8 | 55 |
| 117 | Vitamin D over the first decade and susceptibility to childhood allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 472-481.e9 | 11.5 | 55 |
| 116 | Tea tree oil reduces histamine-induced oedema in murine ears. <i>Inflammation Research</i> , 2002 , 51, 283-9 | 7.2 | 52 |
| 115 | Exposure to Ultraviolet Radiation in the Modulation of Human Diseases. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2019 , 14, 55-81 | 34 | 51 |
| 114 | Suppression of the asthmatic phenotype by ultraviolet B-induced, antigen-specific regulatory cells. <i>Clinical and Experimental Allergy</i> , 2007 , 37, 1267-76 | 4.1 | 51 |
| 113 | Ultraviolet radiation-induced immunosuppression and its relevance for skin carcinogenesis. <i>Photochemical and Photobiological Sciences</i> , 2018 , 17, 1872-1884 | 4.2 | 49 |
| 112 | Monocytes cultured in cytokine-defined environments differ from freshly isolated monocytes in their responses to IL-4 and IL-10. <i>Journal of Leukocyte Biology</i> , 1995 , 57, 909-18 | 6.5 | 48 |
| 111 | Vitamin D and immunity. <i>F1000prime Reports</i> , 2014 , 6, 118 | | 46 |
| 110 | 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 | 3.7 | 45 |
| 109 | Low vitamin D levels are associated with symptoms of depression in young adult males. <i>Australian and New Zealand Journal of Psychiatry</i> , 2014 , 48, 464-71 | 2.6 | 44 |
| 108 | 1,25-dihydroxyvitamin D3 enhances the ability of transferred CD4+ CD25+ cells to modulate T helper type 2-driven asthmatic responses. <i>Immunology</i> , 2010 , 130, 181-92 | 7.8 | 44 |
| 107 | cis-Urocanic acid stimulates neuropeptide release from peripheral sensory nerves. <i>Journal of Investigative Dermatology</i> , 2001 , 117, 886-91 | 4.3 | 43 |
| 106 | A Critical Role for Dermal Mast Cells in Cis-Urocanic Acid-induced Systemic Suppression of Contact Hypersensitivity Responses in Mice. <i>Photochemistry and Photobiology</i> , 1999 , 70, 807-812 | 3.6 | 43 |

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|-----|--|-----|----|
| 105 | Ultraviolet irradiation of mice reduces the competency of bone marrow-derived CD11c+ cells via an indomethacin-inhibitable pathway. <i>Journal of Immunology</i> , 2010 , 185, 7207-15 | 5.3 | 42 |
| 104 | Association between melanoma and dermal mast cell prevalence in sun-unexposed skin. <i>British Journal of Dermatology</i> , 2004 , 150, 895-903 | 4 | 42 |
| 103 | Nerve growth factor, neuropeptides, and mast cells in ultraviolet-B-induced systemic suppression of contact hypersensitivity responses in mice. <i>Journal of Investigative Dermatology</i> , 2002 , 118, 396-401 | 4.3 | 42 |
| 102 | The effects of in utero vitamin D deficiency on airway smooth muscle mass and lung function. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 664-75 | 5.7 | 41 |
| 101 | Low serum 25-hydroxyvitamin D concentrations associate with non-alcoholic fatty liver disease in adolescents independent of adiposity. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014 , 29, 1215-22 | 4 | 41 |
| 100 | SOCS1 regulates the IFN but not NFkappaB pathway in TLR-stimulated human monocytes and macrophages. <i>Journal of Immunology</i> , 2008 , 181, 8018-26 | 5.3 | 41 |
| 99 | Immunomodulatory constituents of human milk change in response to infant bronchiolitis. <i>Pediatric Allergy and Immunology</i> , 2007 , 18, 495-502 | 4.2 | 40 |
| 98 | 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, 5471-84 | 5.3 | 39 |
| 97 | The effect of ultraviolet radiation exposure on the prevalence of mast cells in human skin. <i>British Journal of Dermatology</i> , 2003 , 148, 300-6 | 4 | 39 |
| 96 | Communications: high dermal mast cell prevalence is a predisposing factor for basal cell carcinoma in humans. <i>Journal of Investigative Dermatology</i> , 2000 , 115, 317-20 | 4.3 | 38 |
| 95 | Circulating immune cells in multiple sclerosis. <i>Clinical and Experimental Immunology</i> , 2017 , 187, 193-203 | 6.2 | 35 |
| 94 | 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, 83-7 | 4.2 | 35 |
| 93 | Effect of both ultraviolet B irradiation and histamine receptor function on allergic responses to an inhaled antigen. <i>Journal of Immunology</i> , 2007 , 178, 2794-802 | 5.3 | 34 |
| 92 | TNF modulates susceptibility to UVB-induced systemic immunomodulation in mice by effects on dermal mast cell prevalence. <i>European Journal of Immunology</i> , 1998 , 28, 2893-901 | 6.1 | 33 |
| 91 | Topical 1,25-dihydroxyvitamin D3 subverts the priming ability of draining lymph node dendritic cells. <i>Immunology</i> , 2010 , 131, 415-25 | 7.8 | 32 |
| 90 | 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 | 3.7 | 31 |
| 89 | 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 | 2.6 | 30 |
| 88 | Tracking of vitamin D status from childhood to early adulthood and its association with peak bone mass. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 276-283 | 7 | 28 |

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| 87 | High Dose Vitamin D supplementation alters faecal microbiome and predisposes mice to more severe colitis. <i>Scientific Reports</i> , 2018 , 8, 11511 | 4.9 | 28 |
| 86 | Immune-modifying properties of topical vitamin D: Focus on dendritic cells and T cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 121, 247-9 | 5.1 | 28 |
| 85 | Primary defect in UVB-induced systemic immunomodulation does not relate to immature or functionally impaired APCs in regional lymph nodes. <i>Journal of Immunology</i> , 2005 , 174, 6677-85 | 5.3 | 27 |
| 84 | Cross-presentation of cutaneous melanoma antigen by migratory XCR1CD103 and XCR1CD103 dendritic cells. <i>Oncot Immunology</i> , 2015 , 4, e1019198 | 7.2 | 26 |
| 83 | The anti-inflammatory effects of interleukin-4 are not mediated by suppressor of cytokine signalling-1 (SOCS1). <i>Immunology</i> , 2010 , 131, 118-27 | 7.8 | 26 |
| 82 | CD4+ T cells in lymph nodes of UVB-irradiated mice suppress immune responses to new antigens both in vitro and in vivo. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 915-24 | 4.3 | 26 |
| 81 | Insufficient Sun Exposure Has Become a Real Public Health Problem. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17, | 4.6 | 25 |
| 80 | Cellular and molecular mechanisms of vitamin D in food allergy. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 3270-3277 | 5.6 | 24 |
| 79 | Prostaglandin E2 imprints a long-lasting effect on dendritic cell progenitors in the bone marrow. <i>Journal of Leukocyte Biology</i> , 2014 , 95, 225-32 | 6.5 | 24 |
| 78 | Lentivirus-mediated gene transfer of interleukin 10 to the ovine and human cornea. <i>Clinical and Experimental Ophthalmology</i> , 2010 , 38, 405-13 | 2.4 | 23 |
| 77 | Ultraviolet Irradiation of Skin Alters the Faecal Microbiome Independently of Vitamin D in Mice. <i>Nutrients</i> , 2018 , 10, | 6.7 | 22 |
| 76 | Narrowband UVB Phototherapy for Clinically Isolated Syndrome: A Trial to Deliver the Benefits of Vitamin D and Other UVB-Induced Molecules. <i>Frontiers in Immunology</i> , 2017 , 8, 3 | 8.4 | 22 |
| 75 | Dendritic cells and multiple sclerosis: disease, tolerance and therapy. <i>International Journal of Molecular Sciences</i> , 2012 , 14, 547-62 | 6.3 | 22 |
| 74 | Inflammatory processes in a murine model of intra-abdominal abscess formation. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 583-7 | 6.5 | 22 |
| 73 | 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 | 7.3 | 22 |
| 72 | Vitamin D and allergic airway disease shape the murine lung microbiome in a sex-specific manner. <i>Respiratory Research</i> , 2016 , 17, 116 | 7.3 | 22 |
| 71 | High Vitamin D-Binding Protein Concentration, Low Albumin, and Mode of Remission Predict Relapse in Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, 2456-64 | 4.5 | 21 |
| 70 | Vitamin D status and predictors of serum 25-hydroxyvitamin D concentrations in Western Australian adolescents. <i>British Journal of Nutrition</i> , 2014 , 112, 1154-62 | 3.6 | 21 |

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| 69 | A randomised, controlled clinical trial of narrowband UVB phototherapy for clinically isolated syndrome: The PhoCIS study. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2018 , 4, 2055217318773112 | 2 | 21 |
| 68 | Altered regulatory T-cell fractions and Helios expression in clinically isolated syndrome: clues to the development of multiple sclerosis. <i>Clinical and Translational Immunology</i> , 2017 , 6, e143 | 6.8 | 20 |
| 67 | Higher Serum Immunoglobulin G3 Levels May Predict the Development of Multiple Sclerosis in Individuals With Clinically Isolated Syndrome. <i>Frontiers in Immunology</i> , 2018 , 9, 1590 | 8.4 | 19 |
| 66 | UV exposure and protection against allergic airways disease. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 571-7 | 4.2 | 19 |
| 65 | Susceptibility to basal cell carcinoma is associated with high dermal mast cell prevalence in non-sun-exposed skin for an Australian populations. <i>Photochemistry and Photobiology</i> , 2003 , 78, 633-9 | 3.6 | 19 |
| 64 | IgG B cells are associated with the development of multiple sclerosis. <i>Clinical and Translational Immunology</i> , 2020 , 9, e01133 | 6.8 | 18 |
| 63 | UV inhibits allergic airways disease in mice by reducing effector CD4 T cells. <i>Clinical and Experimental Allergy</i> , 2010 , 40, 772-85 | 4.1 | 18 |
| 62 | Heat-mediated reduction of apoptosis in UVB-damaged keratinocytes in vitro and in human skin ex vivo. <i>BMC Dermatology</i> , 2016 , 16, 6 | 2.1 | 17 |
| 61 | Vitamin D supplementation of initially vitamin D-deficient mice diminishes lung inflammation with limited effects on pulmonary epithelial integrity. <i>Physiological Reports</i> , 2017 , 5, e13371 | 2.6 | 17 |
| 60 | Maternal vitamin D levels during pregnancy and offspring eating disorder risk in adolescence. <i>International Journal of Eating Disorders</i> , 2013 , 46, 669-76 | 6.3 | 17 |
| 59 | Centrifugation facilitates transduction of green fluorescent protein in human monocytes and macrophages by adenovirus at low multiplicity of infection. <i>Journal of Immunological Methods</i> , 2003 , 278, 45-56 | 2.5 | 17 |
| 58 | Ultraviolet B-induced suppression of immune responses in interleukin-4-/- mice: relationship to dermal mast cells. <i>Journal of Investigative Dermatology</i> , 2000 , 114, 508-13 | 4.3 | 16 |
| 57 | Sub-erythral ultraviolet radiation reduces metabolic dysfunction in already overweight mice. <i>Journal of Endocrinology</i> , 2017 , 233, 81-92 | 4.7 | 15 |
| 56 | 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. <i>BMC Public Health</i> , 2015 , 15, 115 | 4.1 | 15 |
| 55 | Characterization of regulatory dendritic cells differentiated from the bone marrow of UV-irradiated mice. <i>Immunology</i> , 2013 , 140, 399-412 | 7.8 | 15 |
| 54 | The receptor for cis-urocanic acid remains elusive. <i>Journal of Investigative Dermatology</i> , 2006 , 126, 1191-3 | 4.3 | 15 |
| 53 | Gene regulation by 1,25-dihydroxyvitamin D3 in CD4+CD25+ cells is enabled by IL-2. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 2368-76 | 4.3 | 14 |
| 52 | Serum 25-hydroxyvitamin D concentrations and cardiometabolic risk factors in adolescents and young adults. <i>British Journal of Nutrition</i> , 2016 , 115, 1994-2002 | 3.6 | 14 |

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| 51 | Short-term changes in frequencies of circulating leukocytes associated with narrowband UVB phototherapy in people with clinically isolated syndrome. <i>Scientific Reports</i> , 2019 , 9, 7980 | 4.9 | 13 |
| 50 | Diminished responses to IL-13 by human monocytes differentiated in vitro: role of the IL-13Ralpha1 chain and STAT6. <i>European Journal of Immunology</i> , 1999 , 29, 2087-97 | 6.1 | 13 |
| 49 | Associations of serum short-chain fatty acids with circulating immune cells and serum biomarkers in patients with multiple sclerosis. <i>Scientific Reports</i> , 2021 , 11, 5244 | 4.9 | 13 |
| 48 | Molecular actions of vitamin D in reproductive cell biology. <i>Reproduction</i> , 2017 , 153, R29-R42 | 3.8 | 12 |
| 47 | Exposure to Solar UVR Suppresses Cell-Mediated Immunization Responses in Humans: The Australian Ultraviolet Radiation and Immunity Study. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1545-1553.e6 | 4.3 | 11 |
| 46 | Can skin exposure to sunlight prevent liver inflammation?. <i>Nutrients</i> , 2015 , 7, 3219-39 | 6.7 | 11 |
| 45 | The anti-inflammatory actions of IL-4 in human monocytes are not mediated by IL-10, RP105 or the kinase activity of RIPK2. <i>Cytokine</i> , 2012 , 58, 415-23 | 4 | 11 |
| 44 | Incorporation of alpha-linolenic acid and linoleic acid into human respiratory epithelial cell lines. <i>Lipids</i> , 2001 , 36, 713-7 | 1.6 | 11 |
| 43 | Vitamin D C3-epimer levels are proportionally higher with oral vitamin D supplementation compared to ultraviolet irradiation of skin in mice but not humans. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 186, 110-116 | 5.1 | 11 |
| 42 | Toward homeostasis: regulatory dendritic cells from the bone marrow of mice with inflammation of the airways and peritoneal cavity. <i>American Journal of Pathology</i> , 2012 , 181, 535-47 | 5.8 | 10 |
| 41 | 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 | 10.3 | 10 |
| 40 | Dietary Vitamin D Increases Percentages and Function of Regulatory T Cells in the Skin-Draining Lymph Nodes and Suppresses Dermal Inflammation. <i>Journal of Immunology Research</i> , 2016 , 2016, 1426503 | 4.5 | 10 |
| 39 | Identification of genes differentially regulated by vitamin D deficiency that alter lung pathophysiology and inflammation in allergic airways disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 311, L653-63 | 5.8 | 9 |
| 38 | UV Irradiation of Skin Enhances Glycolytic Flux and Reduces Migration Capabilities in Bone Marrow-Differentiated Dendritic Cells. <i>American Journal of Pathology</i> , 2017 , 187, 2046-2059 | 5.8 | 9 |
| 37 | 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, 1788-96 | 4.2 | 8 |
| 36 | Investigating the roles of regulatory T cells, mast cells and interleukin-9 in the control of skin inflammation by vitamin D. <i>Archives of Dermatological Research</i> , 2018 , 310, 221-230 | 3.3 | 7 |
| 35 | Tryptophan and arginine catabolic enzymes and regulatory cytokines in clinically isolated syndrome and multiple sclerosis. <i>Clinical and Translational Immunology</i> , 2018 , 7, e1037 | 6.8 | 7 |
| 34 | Effects of UVR exposure on the gut microbiota of mice and humans. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 20-28 | 4.2 | 6 |

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|----|--|------|---|
| 33 | Evolving Identification of Blood Cells Associated with Clinically Isolated Syndrome: Importance of Time since Clinical Presentation and Diagnostic MRI. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 6 |
| 32 | Differences in control by UV radiation of inflammatory airways disease in naïve and allergen pre-sensitised mice. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1894-901 | 4.2 | 6 |
| 31 | The Multiple Roles of Urocanic Acid in Health and Disease. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 496-502 | 4.3 | 6 |
| 30 | Reticulon-1 and Reduced Migration toward Chemoattractants by Macrophages Differentiated from the Bone Marrow of Ultraviolet-Irradiated and Ultraviolet-Chimeric Mice. <i>Journal of Immunology</i> , 2018 , 200, 260-270 | 5.3 | 6 |
| 29 | FcRIIb Expression Is Decreased on Naive and Marginal Zone-Like B Cells From Females With Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2020 , 11, 614492 | 8.4 | 6 |
| 28 | Narrowband UVB phototherapy reduces TNF production by B-cell subsets stimulated via TLR7 from individuals with early multiple sclerosis. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1197 | 6.8 | 5 |
| 27 | Inflammatory bowel diseases: interrelationships between dietary vitamin D, exposure to UV radiation and the fecal microbiome. <i>Expert Review of Gastroenterology and Hepatology</i> , 2019 , 13, 1039-1048 | 4.2 | 5 |
| 26 | PGE pulsing of murine bone marrow cells reduces migration of daughter monocytes/macrophages in vitro and in vivo. <i>Experimental Hematology</i> , 2017 , 56, 64-68 | 3.1 | 5 |
| 25 | Evaluation of intracellular killing of bacteria by enriched populations of mouse peritoneal exudate neutrophils. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1985 , 63 (Pt 4), 361-70 | | 5 |
| 24 | The challenges of developing and optimising an assay to measure 25-hydroxyvitamin D in saliva. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 194, 105437 | 5.1 | 4 |
| 23 | Characterization of IL-4 receptor components expressed on monocytes and monocyte-derived macrophages: variation associated with differential signaling by IL-4. <i>Growth Factors</i> , 2001 , 19, 207-18 | 1.6 | 4 |
| 22 | Inflammatory fluids regulate TNF-alpha, but not IL-1 beta, production by human peritoneal macrophages. A study of patients on continuous ambulatory peritoneal dialysis with peritonitis. <i>Journal of Leukocyte Biology</i> , 1993 , 53, 309-19 | 6.5 | 4 |
| 21 | Low-dose UV radiation before running wheel access activates brown adipose tissue. <i>Journal of Endocrinology</i> , 2020 , 244, 473-486 | 4.7 | 3 |
| 20 | Developing an Online Tool to Promote Safe Sun Behaviors With Young Teenagers as Co-researchers. <i>Frontiers in Digital Health</i> , 2021 , 3, 626606 | 2.3 | 3 |
| 19 | Sun-immune connection. <i>Nature Reviews Immunology</i> , 2019 , 19, 661 | 36.5 | 2 |
| 18 | Sex-Specific Environmental Impacts on Initiation and Progression of Multiple Sclerosis.. <i>Frontiers in Neurology</i> , 2022 , 13, 835162 | 4.1 | 2 |
| 17 | Use of linked administrative and laboratory data to confirm that serum 25(OH)D levels in pregnant women can be predicted from satellite estimates of ultraviolet radiation. <i>International Journal of Epidemiology</i> , 2021 , 50, 303-313 | 7.8 | 2 |
| 16 | Are there differences in immune responses following delivery of vaccines through acutely or chronically sun-exposed compared with sun-unexposed skin?. <i>Immunology</i> , 2020 , 159, 133-141 | 7.8 | 2 |

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| 15 | Circulating Memory B Cells in Early Multiple Sclerosis Exhibit Increased IgA Cells, Globally Decreased BAFF-R Expression and an EBV-Related IgM Cell Signature.. <i>Frontiers in Immunology</i> , 2022 , 13, 812317 | 8.4 | 2 |
| 14 | Vitamin D metabolites are lower with active Crohn's disease and spontaneously recover with development of remission. <i>Therapeutic Advances in Gastroenterology</i> , 2019 , 12, 1756284819865144 | 4.7 | 1 |
| 13 | Reply: Seasonality and total 25-hydroxyvitamin D levels as sources of potential misclassification of vitamin D deficiency. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 1337-8 | 4.7 | 1 |
| 12 | Women in medical research: headaches and hurdles. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1996 , 11, 885-7 | 4 | 1 |
| 11 | Changes in serum neurofilament light chain levels following narrowband ultraviolet B phototherapy in clinically isolated syndrome.. <i>Brain and Behavior</i> , 2022 , e2494 | 3.4 | 1 |
| 10 | Expression of CYP24A1 and other multiple sclerosis risk genes in peripheral blood indicates response to vitamin D in homeostatic and inflammatory conditions. <i>Genes and Immunity</i> , 2021 , 22, 227-233 | 4.4 | 1 |
| 9 | More Than Effects in Skin: Ultraviolet Radiation-Induced Changes in Immune Cells in Human Blood. <i>Frontiers in Immunology</i> , 2021 , 12, 694086 | 8.4 | 1 |
| 8 | Higher ultraviolet radiation during early life is associated with lower risk of childhood type 1 diabetes among boys. <i>Scientific Reports</i> , 2021 , 11, 18597 | 4.9 | 0 |
| 7 | Demographic and clinical predictors of vitamin D status in pregnant women tested for deficiency in Western Australia. <i>Australian and New Zealand Journal of Public Health</i> , 2021 , 45, 474-481 | 2.3 | 0 |
| 6 | The case for greater vigilance in applying sunscreen during real-life sun exposure. <i>British Journal of Dermatology</i> , 2019 , 180, 462-463 | 4 | |
| 5 | Reduced immune responses in chimeric mice engrafted with bone marrow cells from mice with airways inflammation. <i>Inflammation Research</i> , 2015 , 64, 861-73 | 7.2 | |
| 4 | Susceptibility to Basal Cell Carcinoma is Associated with High Dermal Mast Cell Prevalence in Non-Sun-exposed Skin for an Australian Population. <i>Photochemistry and Photobiology</i> , 2007 , 78, 633-639 ^{3,6} | | |
| 3 | Abscess induction in beige (bg/bg) mutant mice. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1984 , 62 (Pt 5), 589-95 | | |
| 2 | The changing transcriptome in human skin following in vivo exposure to erythemat solar-simulated ultraviolet radiation. <i>British Journal of Dermatology</i> , 2020 , 182, 1328-1329 | 4 | |
| 1 | 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 | 5 | |