

Gregory M Woods

List of Publications by Year in descending order

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107
papers

3,545
citations

186265

28
h-index

161849

54
g-index

116
all docs

116
docs citations

116
times ranked

3270
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequencing and Analysis of the Tasmanian Devil and Its Transmissible Cancer. <i>Cell</i> , 2012, 148, 780-791.	28.9	300
2	Transmission of a fatal clonal tumor by biting occurs due to depleted MHC diversity in a threatened carnivorous marsupial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16221-16226.	7.1	246
3	Fucoidan and Cancer: A Multifunctional Molecule with Anti-Tumor Potential. <i>Marine Drugs</i> , 2015, 13, 2327-2346.	4.6	245
4	The Tasmanian Devil Transcriptome Reveals Schwann Cell Origins of a Clonally Transmissible Cancer. <i>Science</i> , 2010, 327, 84-87.	12.6	222
5	A second transmissible cancer in Tasmanian devils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 374-379.	7.1	192
6	Reversible epigenetic down-regulation of MHC molecules by devil facial tumour disease illustrates immune escape by a contagious cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5103-5108.	7.1	191
7	Genetic diversity and population structure of the endangered marsupial <i>Sarcophilus harrisii</i> (Tasmanian devil). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12348-12353.	7.1	189
8	The Origins and Vulnerabilities of Two Transmissible Cancers in Tasmanian Devils. <i>Cancer Cell</i> , 2018, 33, 607-619.e15.	16.8	88
9	Demonstration of immune responses against devil facial tumour disease in wild Tasmanian devils. <i>Biology Letters</i> , 2016, 12, 20160553.	2.3	87
10	Reduced Effect of Tasmanian Devil Facial Tumor Disease at the Disease Front. <i>Conservation Biology</i> , 2012, 26, 124-134.	4.7	69
11	The Immune Response of the Tasmanian Devil (<i>Sarcophilus harrisii</i>) and Devil Facial Tumour Disease. <i>EcoHealth</i> , 2007, 4, 338-345.	2.0	66
12	Regression of devil facial tumour disease following immunotherapy in immunised Tasmanian devils. <i>Scientific Reports</i> , 2017, 7, 43827.	3.3	64
13	Allorecognition in the Tasmanian Devil (<i>Sarcophilus harrisii</i>), an Endangered Marsupial Species with Limited Genetic Diversity. <i>PLoS ONE</i> , 2011, 6, e22402.	2.5	62
14	Novel application of a fish gill cell line assay to assess ichthyotoxicity of harmful marine microalgae. <i>Harmful Algae</i> , 2011, 10, 366-373.	4.8	50
15	The newly-arisen Devil facial tumour disease 2 (DFT2) reveals a mechanism for the emergence of a contagious cancer. <i>ELife</i> , 2018, 7, .	6.0	47
16	Assessment of cellular immune responses of healthy and diseased Tasmanian devils (<i>Sarcophilus</i>) Tj ETQq0 0 0 rgBT, Overlock, 10 Tf 50	2.3	45
17	Natural Killer Cell Mediated Cytotoxic Responses in the Tasmanian Devil. <i>PLoS ONE</i> , 2011, 6, e24475.	2.5	44
18	The ERBB-STAT3 Axis Drives Tasmanian Devil Facial Tumor Disease. <i>Cancer Cell</i> , 2019, 35, 125-139.e9.	16.8	43

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19	Mitochondrial cytochrome c release precedes transmembrane depolarisation and caspase-3 activation during ceramide-induced apoptosis of Jurkat T cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2002, 7, 387-394.	4.9	41
20	PD-L1 Is Not Constitutively Expressed on Tasmanian Devil Facial Tumor Cells but Is Strongly Upregulated in Response to IFN- γ and Can Be Expressed in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2016, 7, 581.	4.8	41
21	The skin immune system and the challenge of tumour immunosurveillance. <i>European Journal of Dermatology</i> , 2005, 15, 63-9.	0.6	38
22	Acquisition of immune function during the development of the Langerhans cell network in neonatal mice. <i>Immunology</i> , 2001, 103, 61-69.	4.4	37
23	Fucoidan Suppresses the Growth of Human Acute Promyelocytic Leukemia Cells In Vitro and In Vivo. <i>Journal of Cellular Physiology</i> , 2016, 231, 688-697.	4.1	37
24	Immunization Strategies Producing a Humoral IgG Immune Response against Devil Facial Tumor Disease in the Majority of Tasmanian Devils Destined for Wild Release. <i>Frontiers in Immunology</i> , 2018, 9, 259.	4.8	37
25	Tracing the rise of malignant cell lines: Distribution, epidemiology and evolutionary interactions of two transmissible cancers in Tasmanian devils. <i>Evolutionary Applications</i> , 2019, 12, 1772-1780.	3.1	37
26	UV-induced immunosuppression and the efficacy of vaccination. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1267-1274.	2.9	35
27	Identification of dendritic cells, B cell and T cell subsets in Tasmanian devil lymphoid tissue; evidence for poor immune cell infiltration into devil facial tumors. <i>Anatomical Record</i> , 2014, 297, 925-938.	1.4	35
28	Chemical carcinogens and antigens induce immune suppression via Langerhans' cell depletion. <i>Immunology</i> , 1996, 88, 134-139.	4.4	29
29	Evidence that natural killer cells express mini P-glycoproteins but not classic 170 kDa P-glycoprotein. <i>British Journal of Haematology</i> , 2001, 114, 177-184.	2.5	29
30	Two of a kind: transmissible Schwann cell cancers in the endangered Tasmanian devil (<i>Sarcophilus</i>) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50	5.4	28
31	Effect of UV Radiation on the Neonatal Skin Immune Systemâ€” Implications for Melanoma^{â€“}. <i>Photochemistry and Photobiology</i> , 2008, 84, 47-54.	2.5	27
32	An influx of macrophages is the predominant local immune response in ovine pulmonary adenocarcinoma. <i>Veterinary Immunology and Immunopathology</i> , 2005, 106, 285-294.	1.2	26
33	The two faces of metallothionein in carcinogenesis: photoprotection against UVR-induced cancer and promotion of tumour survival. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 586-596.	2.9	26
34	Immunology of a Transmissible Cancer Spreading among Tasmanian Devils. <i>Journal of Immunology</i> , 2015, 195, 23-29.	0.8	26
35	A Histological and Immunohistochemical Analysis of Lymphoid Tissues of the Tasmanian Devil. <i>Anatomical Record</i> , 2009, 292, 611-620.	1.4	25
36	A Murine Xenograft Model for a Transmissible Cancer in Tasmanian Devils. <i>Veterinary Pathology</i> , 2011, 48, 475-481.	1.7	25

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37	Proteomics identifies enhanced expression of stefin A in neonatal murine skin compared with adults: functional implications. <i>British Journal of Dermatology</i> , 2007, 156, 1156-1162.	1.5	24
38	The humoral immune response of the Tasmanian devil (<i>Sarcophilus harrisii</i>) against horse red blood cells. <i>Veterinary Immunology and Immunopathology</i> , 2009, 130, 135-137.	1.2	24
39	<i>In vitro</i> testing to diagnose venom allergy and monitor immunotherapy: a placebo-controlled, crossover trial. <i>Clinical and Experimental Allergy</i> , 2004, 34, 792-800.	2.9	23
40	Evolution and lineage dynamics of a transmissible cancer in Tasmanian devils. <i>PLoS Biology</i> , 2020, 18, e3000926.	5.6	23
41	Decrease in Langerhans Cells and Increase in Lymph Node Dendritic Cells Following Chronic Exposure of Mice to Suberythemal Doses of Solar Simulated Radiation. <i>Photochemistry and Photobiology</i> , 2005, 81, 1168.	2.5	22
42	The effect of season on cytokine expression in multiple sclerosis and healthy subjects. <i>Journal of Neuroimmunology</i> , 2007, 188, 181-186.	2.3	22
43	Devil Facial Tumor Disease. <i>Veterinary Pathology</i> , 2016, 53, 726-736.	1.7	22
44	A novel system to map protein interactions reveals evolutionarily conserved immune evasion pathways on transmissible cancers. <i>Science Advances</i> , 2020, 6, .	10.3	22
45	Ultraviolet Radiation Effects on the Proteome of Skin Cells. <i>Advances in Experimental Medicine and Biology</i> , 2013, 990, 111-119.	1.6	21
46	Fucoidan enhances the therapeutic potential of arsenic trioxide and all-trans retinoic acid in acute promyelocytic leukemia, <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 46028-46041.	1.8	20
47	Chemical carcinogens and antigens contribute to cutaneous tumor promotion by depleting epidermal Langerhans cells. <i>Carcinogenesis</i> , 1997, 18, 1277-1279.	2.8	19
48	Carcinogen-modified dendritic cells induce immunosuppression by incomplete T-cell activation resulting from impaired antigen uptake and reduced CD86 expression. <i>Immunology</i> , 2000, 99, 16-22.	4.4	19
49	Impaired CD40-signalling in Langerhans's cells from murine neonatal draining lymph nodes: implications for neonatally induced cutaneous tolerance. <i>Clinical and Experimental Immunology</i> , 2003, 132, 201-208.	2.6	19
50	Toll-like receptor signaling is functional in immune cells of the endangered Tasmanian devil. <i>Developmental and Comparative Immunology</i> , 2015, 53, 123-133.	2.3	19
51	Mitogen-activated Tasmanian devil blood mononuclear cells kill devil facial tumour disease cells. <i>Immunology and Cell Biology</i> , 2016, 94, 673-679.	2.3	19
52	Comparative Analysis of Immune Checkpoint Molecules and Their Potential Role in the Transmissible Tasmanian Devil Facial Tumor Disease. <i>Frontiers in Immunology</i> , 2017, 8, 513.	4.8	19
53	Inducible IFN- β Expression for MHC-I Upregulation in Devil Facial Tumor Cells. <i>Frontiers in Immunology</i> , 2018, 9, 3117.	4.8	17
54	The toll-like receptor ligands Hiltonol [®] (polyICLC) and imiquimod effectively activate antigen-specific immune responses in Tasmanian devils (<i>Sarcophilus harrisii</i>). <i>Developmental and Comparative Immunology</i> , 2017, 76, 352-360.	2.3	16

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55	Vitamin D3 deficiency enhances contact hypersensitivity in male but not in female mice. <i>Cellular Immunology</i> , 2009, 255, 33-40.	3.0	15
56	Mouse Model of Devil Facial Tumour Disease Establishes That an Effective Immune Response Can be Generated Against the Cancer Cells. <i>Frontiers in Immunology</i> , 2014, 5, 251.	4.8	15
57	Gomesin peptides prevent proliferation and lead to the cell death of devil facial tumour disease cells. <i>Cell Death Discovery</i> , 2018, 4, 19.	4.7	15
58	Dietary vitamin D alters the response of the skin to UVB-irradiation depending on the genetic background of the mice. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 536-545.	2.9	14
59	NLRC5 regulates expression of MHC-I and provides a target for anti-tumor immunity in transmissible cancers. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 1973-1991.	2.5	14
60	DEC-205 ^{lo} Langerin ^{lo} neonatal Langerhans' cells preferentially utilize a wortmannin-sensitive, fluid-phase pathway to internalize exogenous antigen. <i>Immunology</i> , 2003, 110, 466-473.	4.4	13
61	Neonatal exposure to UVR alters skin immune system development, and suppresses immunity in adulthood. <i>Immunology and Cell Biology</i> , 2011, 89, 767-776.	2.3	13
62	Discovery of Biomarkers for Tasmanian Devil Cancer (DFTD) by Metabolic Profiling of Serum. <i>Journal of Proteome Research</i> , 2016, 15, 3827-3840.	3.7	13
63	The absence of TNF permits myeloid Arginase 1 expression in experimental <i>L. monocytogenes</i> infection. <i>Immunobiology</i> , 2017, 222, 913-917.	1.9	13
64	Maternal exposure to particulate matter alters early post-natal lung function and immune cell development. <i>Environmental Research</i> , 2018, 164, 625-635.	7.5	13
65	Transcriptome and proteome profiling reveals stress-induced expression signatures of imiquimod-treated Tasmanian devil facial tumor disease (DFTD) cells. <i>Oncotarget</i> , 2018, 9, 15895-15914.	1.8	13
66	Curse of the devil: molecular insights into the emergence of transmissible cancers in the Tasmanian devil (<i>Sarcophilus harrisii</i>). <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2507-2525.	5.4	12
67	The Immunomodulatory Small Molecule Imiquimod Induces Apoptosis in Devil Facial Tumour Cell Lines. <i>PLoS ONE</i> , 2016, 11, e0168068.	2.5	12
68	Antibody response to sheep red blood cells in platypus and echidna. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2003, 136, 957-963.	1.8	11
69	P-glycoprotein mediated multidrug resistance and its implications for pathology. <i>Pathology</i> , 1997, 29, 122-130.	0.6	10
70	Two Decades of the Impact of Tasmanian Devil Facial Tumor Disease. <i>Integrative and Comparative Biology</i> , 2018, 58, 1043-1054.	2.0	10
71	Targeting transmissible cancers in animals. <i>Science</i> , 2019, 365, 438-440.	12.6	9
72	Abrogation of Afferent Lymph Dendritic Cell Function after Cutaneously Applied Chemical Carcinogens. <i>Cellular Immunology</i> , 1995, 162, 80-88.	3.0	8

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73	Cell cycle arrest of hematopoietic cell lines after treatment with ceramide is commonly associated with retinoblastoma activation. <i>Cytometry</i> , 2001, 43, 164-169.	1.8	8
74	Mitogen-induced responses in lymphocytes from platypus, the Tasmanian devil and the eastern barred bandicoot. <i>Australian Veterinary Journal</i> , 2008, 86, 408-413.	1.1	8
75	A Devil of a Transmissible Cancer. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 50.	2.3	8
76	Prevention of Autoimmunity by Induction of Cutaneous Tolerance. <i>Cellular Immunology</i> , 2001, 207, 1-5.	3.0	7
77	Neonatal exposure to UVB radiation leads to a large reduction in Langerhans cell density, but by maturity, there is an enhanced ability of dendritic cells to stimulate T cells. <i>Immunology and Cell Biology</i> , 2006, 84, 259-266.	2.3	7
78	Tasmanian devil CD28 and CTLA4 capture CD80 and CD86 from adjacent cells. <i>Developmental and Comparative Immunology</i> , 2021, 115, 103882.	2.3	7
79	Post-release immune responses of Tasmanian devils vaccinated with an experimental devil facial tumour disease vaccine. <i>Wildlife Research</i> , 2021, 48, 701-712.	1.4	7
80	Heat shock proteins expressed in the marsupial Tasmanian devil are potential antigenic candidates in a vaccine against devil facial tumour disease. <i>PLoS ONE</i> , 2018, 13, e0196469.	2.5	6
81	Defects in the Function of Dendritic Cells in Murine Retroviral Infection. <i>Advances in Experimental Medicine and Biology</i> , 1995, 378, 469-472.	1.6	6
82	Depletion of Langerhans Cells Following Carcinogen Treatment is Partly Due to Antigenicity. <i>Advances in Experimental Medicine and Biology</i> , 1993, 329, 623-627.	1.6	6
83	Extracellular vesicle proteomes of two transmissible cancers of Tasmanian devils reveal tenascin-C as a serum-based differential diagnostic biomarker. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7537-7555.	5.4	6
84	Processing of complex antigens and simple hapten-like molecules by epidermal Langerhans cells. <i>Journal of Leukocyte Biology</i> , 1995, 57, 891-896.	3.3	5
85	Failure of Carcinogen-Altered Dendritic Cells to Initiate T Cell Proliferation Is Associated with Reduced IL-1 β Secretion. <i>Cellular Immunology</i> , 1997, 178, 17-23.	3.0	5
86	Mesenchymal plasticity of devil facial tumour cells during in vivo vaccine and immunotherapy trials. <i>Immunology and Cell Biology</i> , 2021, 99, 711-723.	2.3	5
87	TNF May Negatively Regulate Phagocytosis of Devil Facial Tumour Disease Cells by Activated Macrophages. <i>Immunological Investigations</i> , 2019, 48, 691-703.	2.0	4
88	Dendritic Cells Migrating from Carcinogen-Treated Skin Have Reduced Antigen-Presenting Function. <i>Advances in Experimental Medicine and Biology</i> , 1995, 378, 237-241.	1.6	4
89	Down-regulation of an established immune response via chemical carcinogen or UVB-altered skin. <i>Immunology and Cell Biology</i> , 1997, 75, 238-244.	2.3	3
90	Editorial: Wild Immunology – The Answers Are Out There. <i>Frontiers in Immunology</i> , 2019, 10, 126.	4.8	3

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91	Cathelicidin-3 Associated With Serum Extracellular Vesicles Enables Early Diagnosis of a Transmissible Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 858423.	4.8	3
92	Solar simulated ultraviolet radiation damages murine neonatal skin and alters Langerhans cell development, but does not induce inflammation. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 881-886.	2.9	2
93	Induction of Peripheral Tolerance in Neonatally Thymectomized Mice by Immunization through Chemical Carcinogen-Altered Skin. <i>Cellular Immunology</i> , 1998, 189, 99-106.	3.0	1
94	The Skin Immune System and Tumor Immunosurveillance. , 2004, , 475-494.		1
95	Challenges of an Emerging Disease: The Evolving Approach to Diagnosing Devil Facial Tumour Disease. <i>Pathogens</i> , 2022, 11, 27.	2.8	1
96	What's new in photoimmunology?. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2005, 21, 267-269.	1.5	0
97	Immune protection against photocarcinogenesis. <i>Expert Review of Dermatology</i> , 2007, 2, 543-547.	0.3	0
98	What's new in photoimmunology?. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2007, 23, 148-151.	1.5	0
99	What's new in photoimmunology?. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2008, 24, 334-336.	1.5	0
100	Comment on "Hypothesisâ€”Ultraviolet-B Irradiance and Vitamin D Reduce the Risk of Viral Infections and thus their Sequelae, Including Autoimmune Diseases and some Cancers" by W.B. Grant, <i>Photochem. Photobiol.</i> (2007). <i>Photochemistry and Photobiology</i> , 2008, 84, 802-805.	2.5	0
101	A Histological and Immunohistochemical Analysis of Lymphoid Tissues of the Tasmanian Devil. <i>Anatomical Record</i> , 2009, 292, spc1-spc1.	1.4	0
102	Dendritic Cells, Apoptosis and Murine Retrovirus. <i>Advances in Experimental Medicine and Biology</i> , 1995, 378, 493-496.	1.6	0
103	Expression of the Nonclassical MHC Class I, Saha-UD in the Transmissible Cancer Devil Facial Tumour Disease (DFTD). <i>Pathogens</i> , 2022, 11, 351.	2.8	0
104	Evolution and lineage dynamics of a transmissible cancer in Tasmanian devils. , 2020, 18, e3000926.		0
105	Evolution and lineage dynamics of a transmissible cancer in Tasmanian devils. , 2020, 18, e3000926.		0
106	Evolution and lineage dynamics of a transmissible cancer in Tasmanian devils. , 2020, 18, e3000926.		0
107	Evolution and lineage dynamics of a transmissible cancer in Tasmanian devils. , 2020, 18, e3000926.		0