

# Geoffrey A Wood

## List of Publications by Year in descending order

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80  
papers

3,586  
citations

172457

29  
h-index

138484

58  
g-index

81  
all docs

81  
docs citations

81  
times ranked

6641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Redundancy of GSK-3 $\beta$ and GSK-3 $\alpha$ in Wnt/ $\beta$ -Catenin Signaling Shown by Using an Allelic Series of Embryonic Stem Cell Lines. <i>Developmental Cell</i> , 2007, 12, 957-971.	7.0	428
2	Niche-mediated control of human embryonic stem cell self-renewal and differentiation. <i>EMBO Journal</i> , 2007, 26, 4744-4755.	7.8	365
3	Circulating hormones and estrous stage predict cellular and stromal remodeling in murine uterus. <i>Reproduction</i> , 2007, 133, 1035-1044.	2.6	216
4	A Gja1 missense mutation in a mouse model of oculodentodigital dysplasia. <i>Development (Cambridge)</i> , 2005, 132, 4375-4386.	2.5	211
5	$\beta$ -Catenin Enhances Oct-4 Activity and Reinforces Pluripotency through a TCF-Independent Mechanism. <i>Cell Stem Cell</i> , 2011, 8, 214-227.	11.1	205
6	Fas Receptor Expression in Germinal-Center B Cells Is Essential for T and B Lymphocyte Homeostasis. <i>Immunity</i> , 2008, 29, 615-627.	14.3	185
7	Cross-species genomic landscape comparison of human mucosal melanoma with canine oral and equine melanoma. <i>Nature Communications</i> , 2019, 10, 353.	12.8	99
8	Diets enriched with cranberry beans alter the microbiota and mitigate colitis severity and associated inflammation. <i>Journal of Nutritional Biochemistry</i> , 2016, 28, 129-139.	4.2	90
9	Prkar1a is an osteosarcoma tumor suppressor that defines a molecular subclass in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 3310-3325.	8.2	89
10	Cooked navy and black bean diets improve biomarkers of colon health and reduce inflammation during colitis. <i>British Journal of Nutrition</i> , 2014, 111, 1549-1563.	2.3	79
11	Loss of Erk3 function in mice leads to intrauterine growth restriction, pulmonary immaturity, and neonatal lethality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16710-16715.	7.1	73
12	Cross-species models of human melanoma. <i>Journal of Pathology</i> , 2016, 238, 152-165.	4.5	65
13	Cross-species genomics identifies DLG2 as a tumor suppressor in osteosarcoma. <i>Oncogene</i> , 2019, 38, 291-298.	5.9	65
14	Inflammation and breast cancer. Metalloproteinases as common effectors of inflammation and extracellular matrix breakdown in breast cancer. <i>Breast Cancer Research</i> , 2008, 10, 205.	5.0	63
15	Insulin-like Growth Factor-II Regulates PTEN Expression in the Mammary Gland. <i>Journal of Biological Chemistry</i> , 2003, 278, 50422-50427.	3.4	56
16	Mammary tumor development is directly inhibited by lifelong n-3 polyunsaturated fatty acids. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 388-395.	4.2	55
17	White and dark kidney beans reduce colonic mucosal damage and inflammation in response to dextran sodium sulfate. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 752-760.	4.2	52
18	Rational bioprocess design for human pluripotent stem cell expansion and endoderm differentiation based on cellular dynamics. <i>Biotechnology and Bioengineering</i> , 2012, 109, 853-866.	3.3	51

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19	Reversibility and recurrence of IGF-IR-induced mammary tumors. <i>Oncogene</i> , 2009, 28, 2152-2162.	5.9	50
20	Restoration of fertility by orthotopic transplantation of frozen adult mouse ovaries. <i>Human Reproduction</i> , 2007, 23, 122-128.	0.9	47
21	Dietary flaxseed intake exacerbates acute colonic mucosal injury and inflammation induced by dextran sodium sulfate. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G1042-G1055.	3.4	45
22	Timp3 loss accelerates tumour invasion and increases prostate inflammation in a mouse model of prostate cancer. <i>Prostate</i> , 2015, 75, 1831-1843.	2.3	43
23	Neural Cell Adhesion Protein CNTN1 Promotes the Metastatic Progression of Prostate Cancer. <i>Cancer Research</i> , 2016, 76, 1603-1614.	0.9	40
24	Histologic Grade Does Not Predict Outcome in Dogs with Appendicular Osteosarcoma Receiving the Standard of Care. <i>Veterinary Pathology</i> , 2018, 55, 202-211.	1.7	39
25	AAV vector distribution in the mouse respiratory tract following four different methods of administration. <i>BMC Biotechnology</i> , 2017, 17, 43.	3.3	37
26	Comparison of serum cytokine levels between dogs with multicentric lymphoma and healthy dogs. <i>Veterinary Immunology and Immunopathology</i> , 2016, 182, 106-114.	1.2	36
27	Spontaneously occurring melanoma in animals and their relevance to human melanoma. <i>Journal of Pathology</i> , 2020, 252, 4-21.	4.5	36
28	A Single TCF Transcription Factor, Regardless of Its Activation Capacity, Is Sufficient for Effective Trilineage Differentiation of ESCs. <i>Cell Reports</i> , 2017, 20, 2424-2438.	6.4	34
29	Tissue-specific resistance to cancer development in the rat: phenotypes of tumor-modifier genes. <i>Carcinogenesis</i> , 2002, 23, 1-9.	2.8	33
30	N-terminal Pro-B-type Natriuretic Peptide and Cytokine Kinetics in Dogs with Endotoxemia. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 1447-1453.	1.6	32
31	Production and Purification of High-Titer Newcastle Disease Virus for Use in Preclinical Mouse Models of Cancer. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 9, 181-191.	4.1	32
32	Inhibition of apoptosis in human induced pluripotent stem cells during expansion in a defined culture using angiotensin-1 derived peptide QHREDGS. <i>Biomaterials</i> , 2014, 35, 7786-7799.	11.4	31
33	The autophagy inhibitor spautin-1, either alone or combined with doxorubicin, decreases cell survival and colony formation in canine appendicular osteosarcoma cells. <i>PLoS ONE</i> , 2018, 13, e0206427.	2.5	29
34	Participation of nuclear factor (erythroid related), factor 2 in ameliorating lithocholic acid-induced cholestatic liver injury in mice. <i>British Journal of Pharmacology</i> , 2010, 161, 1111-1121.	5.4	28
35	ENU-induced Mutation in the DNA-binding Domain of KLF3 Reveals Important Roles for KLF3 in Cardiovascular Development and Function in Mice. <i>PLoS Genetics</i> , 2013, 9, e1003612.	3.5	28
36	Receptor Tyrosine Kinase Expression Profiles in Canine Cutaneous and Subcutaneous Mast Cell Tumors. <i>Veterinary Pathology</i> , 2016, 53, 545-558.	1.7	28

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37	Purified rutin and rutinâ€rich asparagus attenuates disease severity and tissue damage following dextran sodium sulfateâ€induced colitis. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2396-2412.	3.3	27
38	MicroRNA profiling in canine multicentric lymphoma. <i>PLoS ONE</i> , 2019, 14, e0226357.	2.5	27
39	Polygenic control of hepatocarcinogenesis in Copenhagen Ã— F344 rats. <i>International Journal of Cancer</i> , 2004, 111, 9-16.	5.1	26
40	Upregulation of FAM84B during prostate cancer progression. <i>Oncotarget</i> , 2017, 8, 19218-19235.	1.8	26
41	Marine fish oil is more potent than plant-based n-3 polyunsaturated fatty acids in the prevention of mammary tumors. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 41-52.	4.2	23
42	Engineered heart tissue enables study of residual undifferentiated embryonic stem cell activity in a cardiac environment. <i>Biotechnology and Bioengineering</i> , 2011, 108, 704-719.	3.3	22
43	Timp3 Deficient Mice Show Resistance to Developing Breast Cancer. <i>PLoS ONE</i> , 2015, 10, e0120107.	2.5	22
44	Cardiac Myxosarcoma With Adrenal Adenoma and Pituitary Hyperplasia Resembling Carney Complex in a Dog. <i>Veterinary Pathology</i> , 2010, 47, 354-357.	1.7	21
45	IHC Color Histograms for Unsupervised Ki67 Proliferation Index Calculation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 226.	4.1	19
46	The POZ-ZF Transcription Factor Kaiso (ZBTB33) Induces Inflammation and Progenitor Cell Differentiation in the Murine Intestine. <i>PLoS ONE</i> , 2013, 8, e74160.	2.5	18
47	Antenatal exposure to the selective serotonin reuptake inhibitor fluoxetine leads to postnatal metabolic and endocrine changes associated with type 2 diabetes in Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2015, 285, 32-40.	2.8	18
48	Enhancing Immune Responses to Cancer Vaccines Using Multi-Site Injections. <i>Scientific Reports</i> , 2017, 7, 8322.	3.3	18
49	Comparison of the oncogenomic landscape of canine and feline hemangiosarcoma shows novel parallels with human angiosarcoma. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	18
50	Evaluation of metronomic cyclophosphamide chemotherapy as maintenance treatment for dogs with appendicular osteosarcoma following limb amputation and carboplatin chemotherapy. <i>Journal of the American Veterinary Medical Association</i> , 2018, 252, 1377-1383.	0.5	17
51	piNETâ€“An Automated Proliferation Index Calculator Framework for Ki67 Breast Cancer Images. <i>Cancers</i> , 2021, 13, 11.	3.7	17
52	An evaluation of TAZ and YAP crosstalk with TGFÎ² signalling in canine osteosarcoma suggests involvement of hippo signalling in disease progression. <i>BMC Veterinary Research</i> , 2018, 14, 365.	1.9	13
53	Neither ovariectomy nor progestin treatment prevents endometrial neoplasia in pten+/ <sup>+/+</sup> mice. <i>Gynecologic Oncology</i> , 2008, 108, 395-401.	1.4	12
54	Pilot assessment of vascular endothelial growth factor receptors and trafficking pathways in recurrent and metastatic canine subcutaneous mast cell tumours. <i>Veterinary Medicine and Science</i> , 2017, 3, 146-155.	1.6	12

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55	Reproducibility, stability, and biological variability of thrombin generation using calibrated automated thrombography in healthy dogs. <i>Veterinary Clinical Pathology</i> , 2018, 47, 218-226.	0.7	10
56	Evaluation of PD-1 and PD-L1 expression in canine urothelial carcinoma cell lines. <i>Veterinary Immunology and Immunopathology</i> , 2022, 243, 110367.	1.2	10
57	Two mouse mutations mapped to chromosome 11 with differing morphologies but similar progressive inflammatory alopecia. <i>Experimental Dermatology</i> , 2005, 14, 373-379.	2.9	8
58	KRAS Mutations in Canine and Feline Pancreatic Acinar Cell Carcinoma. <i>Journal of Comparative Pathology</i> , 2016, 155, 24-28.	0.4	8
59	Flow Cytometric Detection of Circulating Osteosarcoma Cells in Dogs. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 997-1007.	1.5	8
60	Recent Advances in the Discovery of Biomarkers for Canine Osteosarcoma. <i>Frontiers in Veterinary Science</i> , 2021, 8, 734965.	2.2	8
61	Cyclin D1 expression during rat mammary tumor development and its potential role in the resistance of the Copenhagen rat. <i>Breast Cancer Research</i> , 1999, 1, 88-94.	5.0	7
62	Inheritance of Resistance to Promotion of Preneoplastic Liver Lesions in Copenhagen Rats. <i>Experimental Biology and Medicine</i> , 2001, 226, 831-835.	2.4	7
63	Experimental manipulation of radiographic density in mouse mammary gland. <i>Breast Cancer Research</i> , 2004, 6, R540-5.	5.0	7
64	Suppressive impact of metronomic chemotherapy using UFT and/or cyclophosphamide on mediators of breast cancer dissemination and invasion. <i>PLoS ONE</i> , 2019, 14, e0222580.	2.5	7
65	Induction of Hepatic Insulin-Like Growth Factor Binding Protein-1 (IGFBP-1) in Rats by Dietary n-6 Polyunsaturated Fatty Acids. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 225, 128-135.	1.8	7
66	Matrix Metalloproteinases-2 and 9 Do Not Play a Role in the Growth of Preneoplastic Liver Lesions in F344 Rats. <i>Experimental Biology and Medicine</i> , 2001, 226, 799-803.	2.4	6
67	Proteomic Assessment of Extracellular Vesicles from Canine Tissue Explants as a Pipeline to Identify Molecular Targets in Osteosarcoma: PSMD14/Rpn11 as a Proof of Principle. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3256.	4.1	6
68	Whole genome sequencing analysis of high confidence variants of B-cell lymphoma in <i>Canis familiaris</i> . <i>PLoS ONE</i> , 2020, 15, e0238183.	2.5	5
69	Two mouse mutations mapped to chromosome 11 with differing morphologies but similar progressive inflammatory alopecia. <i>Experimental Dermatology</i> , 2005, 14, 373-379.	2.9	5
70	Serum interleukin 17 concentrations in dogs with immune-mediated hemolytic anemia. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 217-225.	1.6	4
71	Plasma 25-hydroxyvitamin D and the inflammatory response in canine cancer. <i>Veterinary and Comparative Oncology</i> , 2021, 19, 232-241.	1.8	4
72	Mouse Developmental Pathology Assessments in High-Throughput Phenogenomic Facilities. , 2015, , 377-404.		4

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73	Evaluation of lymphocyte-specific programmed cell death protein 1 receptor expression and cytokines in blood and urine in canine urothelial carcinoma patients. <i>Veterinary and Comparative Oncology</i> , 2022, 20, 427-436.	1.8	4
74	A Case of Bilateral Auricular Chondritis in a Heifer. <i>Case Reports in Veterinary Medicine</i> , 2014, 2014, 1-4.	0.2	3
75	Companion canines: an under-utilised model to aid in translating anti-metastatics to the clinic. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 7-12.	3.3	3
76	Beclin-1 is a novel predictive biomarker for canine cutaneous and subcutaneous mast cell tumors. <i>Veterinary Pathology</i> , 2021, , 030098582110425.	1.7	2
77	Mechanisms that allow vaccination against an oncolytic vesicular stomatitis virus-encoded transgene to enhance safety without abrogating oncolysis. <i>Scientific Reports</i> , 2021, 11, 15290.	3.3	0
78	Induction of Hepatic Insulin-Like Growth Factor Binding Protein-1 (IGFBP-1) in Rats by Dietary n-6 Polyunsaturated Fatty Acids. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 2000, 225, 128-135.	1.8	0
79	Abstract 1621: Contactin 1 (CNTN1) promotes prostate cancer tumorigenesis in transgenic models. , 2020, , .		0
80	Using a Prime-Boost Vaccination Strategy That Proved Effective for High Resolution Epitope Mapping to Characterize the Elusive Immunogenicity of Survivin. <i>Cancers</i> , 2021, 13, 6270.	3.7	0