

Carmen Jane Booth

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,544
citations

394421

19
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

3252
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposing Effects of Fasting Metabolism on Tissue Tolerance in Bacterial and Viral Inflammation. <i>Cell</i> , 2016, 166, 1512-1525.e12.	28.9	402
2	miR-34a Silences c-SRC to Attenuate Tumor Growth in Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2016, 76, 927-939.	0.9	128
3	KDM5B promotes immune evasion by recruiting SETDB1 to silence retroelements. <i>Nature</i> , 2021, 598, 682-687.	27.8	117
4	Histone Demethylase RBP2 Is Critical for Breast Cancer Progression and Metastasis. <i>Cell Reports</i> , 2014, 6, 868-877.	6.4	97
5	<i>Borrelia burgdorferi</i> peptidoglycan is a persistent antigen in patients with Lyme arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13498-13507.	7.1	97
6	The Combined Hyperlipidemia Caused by Impaired Wnt-LRP6 Signaling Is Reversed by Wnt3a Rescue. <i>Cell Metabolism</i> , 2014, 19, 209-220.	16.2	95
7	Glucose metabolism mediates disease tolerance in cerebral malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11042-11047.	7.1	67
8	Recruitment of Macrophages and Polymorphonuclear Leukocytes in Lyme Carditis. <i>Infection and Immunity</i> , 2007, 75, 613-620.	2.2	59
9	Endothelial ERK1/2 signaling maintains integrity of the quiescent endothelium. <i>Journal of Experimental Medicine</i> , 2019, 216, 1874-1890.	8.5	47
10	In Vivo Reactive Oxygen Species Detection With a Novel Positron Emission Tomography Tracer, 18F-DHMT, Allows for Early Detection of Anthracycline-Induced Cardiotoxicity in Rodents. <i>JACC Basic To Translational Science</i> , 2018, 3, 378-390.	4.1	46
11	Specific sequences of infectious challenge lead to secondary hemophagocytic lymphohistiocytosis-like disease in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2200-2209.	7.1	40
12	Ketogenic diet restrains aging-induced exacerbation of coronavirus infection in mice. <i>ELife</i> , 2021, 10, .	6.0	37
13	Voluntary Control of Epileptiform Spike-Wave Discharges in Awake Rats. <i>Journal of Neuroscience</i> , 2017, 37, 5861-5869.	3.6	35
14	Host-specific expression of <i>Ixodes scapularis</i> salivary genes. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 386-397.	2.7	33
15	Spontaneous Recurrent Absence Seizure-like Events in Wild-Caught Rats. <i>Journal of Neuroscience</i> , 2019, 39, 4829-4841.	3.6	31
16	Overexpression of ERBB4 JM-a CYT-1 and CYT-2 isoforms in transgenic mice reveals isoform-specific roles in mammary gland development and carcinogenesis. <i>Breast Cancer Research</i> , 2014, 16, 501.	5.0	27
17	High-phytate/low-calcium diet is a risk factor for crystal nephropathies, renal phosphate wasting, and bone loss. <i>ELife</i> , 2020, 9, .	6.0	23
18	Repeat tick exposure elicits distinct immune responses in guinea pigs and mice. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101529.	2.7	22

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19	Prevention of K-Ras- and Pten-mediated intravaginal tumors by treatment with camptothecin-loaded PLGA nanoparticles. <i>Drug Delivery and Translational Research</i> , 2011, 1, 383-394.	5.8	21
20	Frostbite Protection in Mice Expressing an Antifreeze Glycoprotein. <i>PLoS ONE</i> , 2015, 10, e0116562.	2.5	17
21	Quantification of Tumor Hypoxic Fractions Using Positron Emission Tomography with [18F]Fluoromisonidazole ([18F]FMISO) Kinetic Analysis and Invasive Oxygen Measurements. <i>Molecular Imaging and Biology</i> , 2017, 19, 893-902.	2.6	17
22	Haptoglobin Enhances Cardiac Transplant Rejection. <i>Circulation Research</i> , 2015, 116, 1670-1679.	4.5	16
23	Spontaneous coagulopathy in inbred WAG/RijYcb rats. <i>Comparative Medicine</i> , 2010, 60, 25-30.	1.0	12
24	Minimal Essential Human Factor VIII Alterations Enhance Secretion and Gene Therapy Efficiency. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 486-495.	4.1	11
25	Computed Tomographic Angiography Assessment of Epicardial Coronary Vasoreactivity for Early Detection of Doxorubicin-Induced Cardiotoxicity. <i>JACC: CardioOncology</i> , 2020, 2, 207-219.	4.0	11
26	A human secretome library screen reveals a role for Peptidoglycan Recognition Protein 1 in Lyme borreliosis. <i>PLoS Pathogens</i> , 2020, 16, e1009030.	4.7	9
27	Dual role for Fcγ ₃ receptors in host defense and disease in <i>Borrelia burgdorferi</i> -infected mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 75.	3.9	8
28	Loss of Dynamin 2 GTPase function results in microcytic anaemia. <i>British Journal of Haematology</i> , 2017, 178, 616-628.	2.5	7
29	Vaccine-induced ErbB (EGFR/HER2)-specific immunity in spontaneous canine cancer. <i>Translational Oncology</i> , 2021, 14, 101205.	3.7	7
30	An <i>Ixodes scapularis</i> Protein Disulfide Isomerase Contributes to <i>Borrelia burgdorferi</i> Colonization of the Vector. <i>Infection and Immunity</i> , 2020, 88, .	2.2	4
31	Use of (18)F-fluorodeoxyglucose positron emission tomography-computed tomography to aid in diagnosing intestinal adenocarcinoma in 2 rhesus macaques (<i>Macaca mulatta</i>). <i>Comparative Medicine</i> , 2014, 64, 211-20.	1.0	0