

Erin C Boyle

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,599
citations

516215

16
h-index

344852

36
g-index

37
all docs

37
docs citations

37
times ranked

2533
citing authors

#	ARTICLE	IF	CITATIONS
1	Same species, different diseases: how and why typhoidal and non-typhoidal <i>Salmonella enterica</i> serovars differ. <i>Frontiers in Microbiology</i> , 2014, 5, 391.	1.5	349
2	<i>Salmonella enterica</i> serovar Typhimurium effectors SopB, SopE, SopE2 and SipA disrupt tight junction structure and function. <i>Cellular Microbiology</i> , 2006, 8, 1946-1957.	1.1	164
3	Vasa Vasorum Angiogenesis: Key Player in the Initiation and Progression of Atherosclerosis and Potential Target for the Treatment of Cardiovascular Disease. <i>Frontiers in Immunology</i> , 2018, 9, 706.	2.2	163
4	Bacterial pathogenesis: exploiting cellular adherence. <i>Current Opinion in Cell Biology</i> , 2003, 15, 633-639.	2.6	129
5	<i>Salmonella</i> : from Pathogenesis to Therapeutics. <i>Journal of Bacteriology</i> , 2007, 189, 1489-1495.	1.0	121
6	SseK1 and SseK2 Are Novel Translocated Proteins of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Infection and Immunity</i> , 2004, 72, 5115-5125.	1.0	83
7	<i>Salmonella</i> Phage ST64B Encodes a Member of the SseK/NleB Effector Family. <i>PLoS ONE</i> , 2011, 6, e17824.	1.1	66
8	Bacteriophage Therapy for Critical Infections Related to Cardiothoracic Surgery. <i>Antibiotics</i> , 2020, 9, 232.	1.5	65
9	Virulence Is Positively Selected by Transmission Success between Mammalian Hosts. <i>Current Biology</i> , 2007, 17, 783-788.	1.8	57
10	Targeting vasa vasorum dysfunction to prevent atherosclerosis. <i>Vascular Pharmacology</i> , 2017, 96-98, 5-10.	1.0	50
11	Std fimbriae-fucose interaction increases <i>Salmonella</i> -induced intestinal inflammation and prolongs colonization. <i>PLoS Pathogens</i> , 2019, 15, e1007915.	2.1	49
12	Identification of cognate host targets and specific ubiquitylation sites on the <i>Salmonella</i> SPI-1 effector SopB/SigD. <i>Journal of Proteomics</i> , 2008, 71, 97-108.	1.2	40
13	Fibrin glue as a local drug-delivery system for bacteriophage PA5. <i>Scientific Reports</i> , 2019, 9, 2091.	1.6	39
14	Cytotoxic Necrotizing Factor- γ Boosts <i>Yersinia</i> Effector Translocation by Activating Rac Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 23543-23553.	1.6	30
15	Treatment of infected lungs by ex vivo perfusion with high dose antibiotics and autotransplantation: A pilot study in pigs. <i>PLoS ONE</i> , 2018, 13, e0193168.	1.1	27
16	Deception point: Peptidoglycan modification as a means of immune evasion: Fig. 1.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 691-692.	3.3	24
17	Novel mouse model of cardiopulmonary bypass. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 186-193.	0.6	14
18	Persistent <i>Salmonella enterica</i> Serovar Typhimurium Infection Induces Protease Expression During Intestinal Fibrosis. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1629-1643.	0.9	14

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19	Blood cytokine expression correlates with early multi-organ damage in a mouse model of moderate hypothermia with circulatory arrest using cardiopulmonary bypass. PLoS ONE, 2018, 13, e0205437.	1.1	13
20	Measurement of corticosterone in mice: a protocol for a mapping review. Laboratory Animals, 2020, 54, 26-32.	0.5	11
21	Aortic dissection is a disease of the vasa vasorum. JTCVS Open, 2021, 5, 30-32.	0.2	11
22	Four hours of veno-venous extracorporeal membrane oxygenation using bi-caval cannulation affects kidney function and induces moderate lung damage in a mouse model. Intensive Care Medicine Experimental, 2019, 7, 72.	0.9	10
23	Leaky guts and lipid rafts. Trends in Microbiology, 2005, 13, 560-563.	3.5	9
24	Microvasculature dysfunction as the common thread between atherosclerosis, Kawasaki disease, and severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)-associated multi-system inflammatory syndrome in children. European Journal of Cardio-thoracic Surgery, 2020, 58, 1109-1110.	0.6	9
25	Atherosclerosis Pathogenesis and Microvascular Dysfunction. , 2019, , .		8
26	Targeting Endothelial Cells with Multifunctional GaN/Fe Nanoparticles. Nanoscale Research Letters, 2017, 12, 486.	3.1	7
27	Cardiopulmonary Bypass in a Mouse Model: A Novel Approach. Journal of Visualized Experiments, 2017, , .	0.2	6
28	CD14 and ALPK1 Affect Expression of Tight Junction Components and Proinflammatory Mediators upon Bacterial Stimulation in a Colonic 3D Organoid Model. Stem Cells International, 2020, 2020, 1-11.	1.2	6
29	Rapid and Specific Enzyme Immunoassay on Hydrophobic Grid Membrane Filter for Detection and Enumeration of Thermophilic Campylobacter spp. from Milk and Chicken Rinses. Journal of Food Protection, 2000, 63, 489-494.	0.8	4
30	Src homology domain 2 adaptors affect adherence of Salmonella enterica serovar Typhimurium to non-phagocytic cells. Microbiology (United Kingdom), 2007, 153, 3517-3526.	0.7	4
31	Warming and cooling device using thermoelectric Peltier elements tested on male mice. Laboratory Animals, 2020, 54, 443-451.	0.5	4
32	Veno-Venous Extracorporeal Membrane Oxygenation in a Mouse. Journal of Visualized Experiments, 2018, , .	0.2	3
33	Measuring endogenous corticosterone in laboratory mice - a mapping review, meta-analysis, and open source database. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 111-122.	0.9	3
34	Salmonella enterica Infection of Human and Mouse Colon Organoid-Derived Monolayers. Methods in Molecular Biology, 2022, , 149-163.	0.4	3
35	Ex vivo perfusion of the isolated rat small intestine as a novel model of Salmonella enteritis. American Journal of Physiology - Renal Physiology, 2016, 310, G55-G63.	1.6	2
36	R2N and the use of alternative methods in COVID-19 research. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 683-684.	0.9	1

#	ARTICLE	IF	CITATIONS
37	Chronic unilateral arm lymphedema correlates with increased intima-media thickness in the brachial artery. <i>Vasa - European Journal of Vascular Medicine</i> , 2022, 51, 19-23.	0.6	1