

# John W Barlow

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

791  
citations

516710

16  
h-index

526287

27  
g-index

37  
all docs

37  
docs citations

37  
times ranked

979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of genetic diversity and population structure within <i>Staphylococcus chromogenes</i> by multilocus sequence typing. <i>PLoS ONE</i> , 2021, 16, e0243688.	2.5	10
2	Letter to the Editor: Comments on “Mammary microbial dysbiosis leads to the zoonosis of bovine mastitis: a One-Health perspective” by Maity and Ambatipudi. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	1
3	Design and implementation of a survey quantifying winter housing and bedding types used on Vermont organic dairy farms. <i>Journal of Dairy Science</i> , 2021, 104, 8326-8337.	3.4	3
4	Adaptive staffing can mitigate essential worker disease and absenteeism in an emerging epidemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
5	Identification of a potent benzoxaborole drug candidate for treating cryptosporidiosis. <i>Nature Communications</i> , 2019, 10, 2816.	12.8	43
6	Mammary microbiome of lactating organic dairy cows varies by time, tissue site, and infection status. <i>PLoS ONE</i> , 2019, 14, e0225001.	2.5	41
7	Resistome metagenomics from plate to farm: The resistome and microbial composition during food waste feeding and composting on a Vermont poultry farm. <i>PLoS ONE</i> , 2019, 14, e0219807.	2.5	11
8	Title is missing!. , 2019, 14, e0219807.		0
9	Title is missing!. , 2019, 14, e0219807.		0
10	Title is missing!. , 2019, 14, e0219807.		0
11	Title is missing!. , 2019, 14, e0219807.		0
12	Transmission dynamics of intramammary infections caused by <i>Corynebacterium</i> species. <i>Journal of Dairy Science</i> , 2018, 101, 472-479.	3.4	8
13	Deterministic modeling of the transmission dynamics of intramammary infections. <i>Journal of Physics: Conference Series</i> , 2018, 1132, 012053.	0.4	1
14	Multiphase modeling of intramammary infections caused by <i>Corynebacterium</i> species. <i>Journal of Physics: Conference Series</i> , 2018, 1132, 012079.	0.4	1
15	Clinical and microbiologic efficacy of the piperazine-based drug lead MMV665917 in the dairy calf cryptosporidiosis model. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006183.	3.0	29
16	Milk from cows grazing on cool-season pastures provides an enhanced profile of bioactive fatty acids compared to those grazed on a monoculture of pearl millet. <i>Food Chemistry</i> , 2017, 217, 750-755.	8.2	17
17	Effect of Foot-and-Mouth Disease Virus Infection on the Frequency, Phenotype and Function of Circulating Dendritic Cells in Cattle. <i>PLoS ONE</i> , 2016, 11, e0152192.	2.5	10
18	Cow-to-cow variation in fibroblast response to a toll-like receptor 2/6 agonist and its relation to mastitis caused by intramammary challenge with <i>Staphylococcus aureus</i> . <i>Journal of Dairy Science</i> , 2015, 98, 1836-1850.	3.4	17

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19	A modern approach for epitope prediction: identification of foot-and-mouth disease virus peptides binding bovine leukocyte antigen (BoLA) class I molecules. <i>Immunogenetics</i> , 2015, 67, 691-703.	2.4	16
20	Characterization of binding specificities of bovine leucocyte class I molecules: impacts for rational epitope discovery. <i>Immunogenetics</i> , 2014, 66, 705-718.	2.4	21
21	Phenotypic, Ultra-Structural, and Functional Characterization of Bovine Peripheral Blood Dendritic Cell Subsets. <i>PLoS ONE</i> , 2014, 9, e109273.	2.5	26
22	Effect of lactation therapy on <i>Staphylococcus aureus</i> transmission dynamics in two commercial dairy herds. <i>BMC Veterinary Research</i> , 2013, 9, 28.	1.9	36
23	Designing bovine T cell vaccines via reverse immunology. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 188-192.	2.7	32
24	Transmission dynamics of intramammary infections with coagulase-negative staphylococci. <i>Journal of Dairy Science</i> , 2012, 95, 4899-4910.	3.4	9
25	Mastitis Therapy and Antimicrobial Susceptibility: a Multispecies Review with a Focus on Antibiotic Treatment of Mastitis in Dairy Cattle. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2011, 16, 383-407.	2.7	122
26	A mathematical model demonstrating indirect and overall effects of lactation therapy targeting subclinical mastitis in dairy herds. <i>Preventive Veterinary Medicine</i> , 2009, 90, 31-42.	1.9	35
27	Association between <i>Coxiella burnetii</i> shedding in milk and subclinical mastitis in dairy cattle. <i>Veterinary Research</i> , 2008, 39, 23.	3.0	40
28	Persistency of Adenoviral-Mediated Lysostaphin Expression in Goat Mammary Glands. <i>Journal of Dairy Science</i> , 2004, 87, 602-608.	3.4	19
29	Higher Stromal Expression of Transforming Growth Factor-beta Type II Receptors is Associated with Poorer Prognosis Breast Tumors. <i>Breast Cancer Research and Treatment</i> , 2003, 79, 149-159.	2.5	33
30	A Comparison of Antimicrobial Susceptibility Patterns for <i>Staphylococcus aureus</i> in Organic and Conventional Dairy Herds. <i>Microbial Drug Resistance</i> , 2003, 9, 39-45.	2.0	50
31	Adenoviral-Mediated Transfer of a Lysostaphin Gene into the Goat Mammary Gland. <i>Journal of Dairy Science</i> , 2002, 85, 1709-1716.	3.4	23
32	Prevalence and incidence of subclinical mastitis in goats and dairy ewes in Vermont, USA. <i>Small Ruminant Research</i> , 2002, 46, 115-121.	1.2	48
33	Relationships among somatic cell count, California mastitis test, impedance and bacteriological status of milk in goats and sheep in early lactation. <i>Small Ruminant Research</i> , 2001, 40, 245-254.	1.2	69
34	Estrogen Affects Development of Alveolar Structures in Whole-Organ Culture of Mouse Mammary Glands. <i>Biochemical and Biophysical Research Communications</i> , 1997, 232, 340-344.	2.1	9