Fredrick Damron

List of Publications by Year
in descending order

34 papers	1,190 citations	430874 18 h-index	434195 31 g-index
45 all docs	45 docs citations	45 times ranked	1676 citing authors

#	Article	IF	Citations
1	P _{BAD} -Based Shuttle Vectors for Functional Analysis of Toxic and Highly Regulated Genes in Pseudomonas and Burkholderia spp. and Other Bacteria. Applied and Environmental Microbiology, 2008, 74, 7422-7426.	3.1	240
2	Dual-seq transcriptomics reveals the battle for iron during Pseudomonas aeruginosa acute murine pneumonia. Scientific Reports, 2016, 6, 39172.	3.3	126
3	Proteolytic regulation of alginate overproduction in Pseudomonas aeruginosa. Molecular Microbiology, 2012, 84, 595-607.	2.5	87
4	Construction of Mobilizable Mini-Tn 7 Vectors for Bioluminescent Detection of Gram-Negative Bacteria and Single-Copy Promoter lux Reporter Analysis. Applied and Environmental Microbiology, 2013, 79, 4149-4153.	3.1	68
5	Pseudomonas aeruginosaMucD Regulates the Alginate Pathway through Activation of MucA Degradation via MucP Proteolytic Activity. Journal of Bacteriology, 2011, 193, 286-291.	2.2	51
6	The Pseudomonas aeruginosa PrrF Small RNAs Regulate Iron Homeostasis during Acute Murine Lung Infection. Infection and Immunity, 2017, 85, .	2.2	44
7	Rainbow Vectors for Broad-Range Bacterial Fluorescence Labeling. PLoS ONE, 2016, 11, e0146827.	2.5	38
8	Pseudomonas aeruginosa AlgR Phosphorylation Status Differentially Regulates Pyocyanin and Pyoverdine Production. MBio, 2018, 9, .	4.1	36
9	From the Environment to the Host: Re-Wiring of the Transcriptome of Pseudomonas aeruginosa from 22Â°C to 37Â°C. PLoS ONE, 2014, 9, e89941.	2.5	35
10	Intranasal acellular pertussis vaccine provides mucosal immunity and protects mice from Bordetella pertussis. Npj Vaccines, 2019, 4, 40.	6.0	33
11	An extracytoplasmic function sigma factor-dependent periplasmic glutathione peroxidase is involved in oxidative stress response of Shewanella oneidensis. BMC Microbiology, 2015, 15, 34.	3.3	31
12	Interplay of Antibody and Cytokine Production Reveals CXCL13 as a Potential Novel Biomarker of Lethal SARS-CoV-2 Infection. MSphere, 2021, 6, .	2.9	31
13	Genotypic and phenotypic analyses of a Pseudomonas aeruginosa chronic bronchiectasis isolate reveal differences from cystic fibrosis and laboratory strains. BMC Genomics, 2015, 16, 883.	2.8	30
14	Evaluation of Adenylate Cyclase Toxoid Antigen in Acellular Pertussis Vaccines by Using a Bordetella pertussis Challenge Model in Mice. Infection and Immunity, 2018, 86, .	2.2	30
15	Intranasal administration of BReC-CoV-2 COVID-19 vaccine protects K18-hACE2 mice against lethal SARS-CoV-2 challenge. Npj Vaccines, 2022, 7, 36.	6.0	29
16	Construction of a Broad-Host-Range Tn 7 -Based Vector for Single-Copy P _{BAD} -Controlled Gene Expression in Gram-Negative Bacteria. Applied and Environmental Microbiology, 2013, 79, 718-721.	3.1	23
17	Bordetella adenylate cyclase toxin interacts with filamentous haemagglutinin to inhibit biofilm formation in vitro. Molecular Microbiology, 2017, 103, 214-228.	2.5	22
18	Analysis of the In Vivo Transcriptome of Bordetella pertussis during Infection of Mice. MSphere, 2019, 4, .	2.9	22

#	Article	IF	Citations
19	In Vivo Gene Essentiality and Metabolism in Bordetella pertussis. MSphere, 2019, 4, .	2.9	21
20	Modulation of Pertussis and Adenylate Cyclase Toxins by Sigma Factor RpoE in Bordetella pertussis. Infection and Immunity, 2017, 85, .	2.2	19
21	Overcoming Waning Immunity in Pertussis Vaccines: Workshop of the National Institute of Allergy and Infectious Diseases. Journal of Immunology, 2020, 205, 877-882.	0.8	17
22	Intranasal Immunization with Acellular Pertussis Vaccines Results in Long-Term Immunity to Bordetella pertussis in Mice. Infection and Immunity, 2021, 89, .	2.2	16
23	Evaluating Antibody Mediated Protection against Alpha, Beta, and Delta SARS-CoV-2 Variants of Concern in K18-hACE2 Transgenic Mice. Journal of Virology, 2022, 96, jvi0218421.	3.4	14
24	Innate and Adaptive Immune Responses against Bordetella pertussis and Pseudomonas aeruginosa in a Murine Model of Mucosal Vaccination against Respiratory Infection. Vaccines, 2020, 8, 647.	4.4	12
25	Defining the Mechanistic Correlates of Protection Conferred by Whole-Cell Vaccination against Pseudomonas aeruginosa Acute Murine Pneumonia. Infection and Immunity, 2021, 89, .	2.2	12
26	Bordetella pertussis Can Be Motile and Express Flagellum-Like Structures. MBio, 2019, 10, .	4.1	11
27	Genes Required for and Effects of Alginate Overproduction Induced by Growth of Pseudomonas aeruginosa on Pseudomonas Isolation Agar Supplemented with Ammonium Metavanadate. Journal of Bacteriology, 2013, 195, 4020-4036.	2.2	10
28	Highlights of the 12th InternationalBordetellaSymposium. Clinical Infectious Diseases, 2020, 71, 2521-2526.	5.8	10
29	Bordetella pertussis Whole Cell Immunization, Unlike Acellular Immunization, Mimics NaÃ¯ve Infection by Driving Hematopoietic Stem and Progenitor Cell Expansion in Mice. Frontiers in Immunology, 2018, 9, 2376.	4.8	9
30	Reinvestigating the Coughing Rat Model of Pertussis To Understand Bordetella pertussis Pathogenesis. Infection and Immunity, 2021, 89, e0030421.	2.2	8
31	Mucosal Immunization with DTaP Confers Protection against Bordetella pertussis Infection and Cough in Sprague-Dawley Rats. Infection and Immunity, 2021, 89, e0034621.	2.2	7
32	In Vivo Bacterial Imaging Using Bioluminescence. Methods in Molecular Biology, 2018, 1790, 87-97.	0.9	6
33	Long-Term Analysis of Pertussis Vaccine Immunity to Identify Potential Markers of Vaccine-Induced Memory Associated With Whole Cell But Not Acellular Pertussis Immunization in Mice. Frontiers in Immunology, 2022, 13, 838504.	4.8	4
34	P. aeruginosa type III and type VI secretion systems modulate early response gene expression in type II pneumocytes in vitro. BMC Genomics, 2022, 23, 345.	2.8	4