

Jeffrey A Melvin

List of Publications by Year in descending order

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papers

934
citations

623734

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19
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22
all docs

22
docs citations

22
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular vesicles promote transkingdom nutrient transfer during viral-bacterial co-infection. Cell Reports, 2021, 34, 108672.	6.4	25
2	Adaptation and genomic erosion in fragmented <i>Pseudomonas aeruginosa</i> populations in the sinuses of people with cystic fibrosis. Cell Reports, 2021, 37, 109829.	6.4	19
3	Quantitative Framework for Model Evaluation in Microbiology Research Using <i>Pseudomonas aeruginosa</i> and Cystic Fibrosis Infection as a Test Case. MBio, 2020, 11, .	4.1	86
4	Volatile fingerprinting of <i>Pseudomonas aeruginosa</i> and respiratory syncytial virus infection in an <i>in vitro</i> cystic fibrosis co-infection model. Journal of Breath Research, 2018, 12, 046001.	3.0	15
5	<i>Pseudomonas aeruginosa</i> Contact-Dependent Growth Inhibition Plays Dual Role in Host-Pathogen Interactions. MSphere, 2017, 2, .	2.9	36
6	<i>Bordetella</i> adenylate cyclase toxin interacts with filamentous haemagglutinin to inhibit biofilm formation <i>in vitro</i> . Molecular Microbiology, 2017, 103, 214-228.	2.5	22
7	Engineered cationic antimicrobial peptide (eCAP) prevents <i>Pseudomonas aeruginosa</i> biofilm growth on airway epithelial cells. Journal of Antimicrobial Chemotherapy, 2016, 71, 2200-2207.	3.0	50
8	Simultaneous Antibiofilm and Antiviral Activities of an Engineered Antimicrobial Peptide during Virus-Bacterium Coinfection. MSphere, 2016, 1, .	2.9	27
9	Clinical potential of engineered cationic antimicrobial peptides against drug resistant biofilms. Expert Review of Anti-Infective Therapy, 2016, 14, 989-991.	4.4	13
10	Biochemical and Cellular Characterization and Inhibitor Discovery of <i>Pseudomonas aeruginosa</i> 15-Lipoxygenase. Biochemistry, 2016, 55, 3329-3340.	2.5	39
11	Compromised Defenses: Exploitation of Epithelial Responses During Viral-Bacterial Co-Infection of the Respiratory Tract. PLoS Pathogens, 2016, 12, e1005797.	4.7	33
12	Cooperative Roles for Fimbria and Filamentous Hemagglutinin in <i>Bordetella</i> Adherence and Immune Modulation. MBio, 2015, 6, e00500-15.	4.1	26
13	New Insight into Filamentous Hemagglutinin Secretion Reveals a Role for Full-Length FhaB in <i>Bordetella</i> Virulence. MBio, 2015, 6, .	4.1	28
14	<i>Bordetella pertussis</i> pathogenesis: current and future challenges. Nature Reviews Microbiology, 2014, 12, 274-288.	28.6	279
15	Sortases. , 2013, , 2459-2465.		2
16	The prodomain of the <i>Bordetella</i> two-partner secretion pathway protein FhaB remains intracellular yet affects the conformation of the mature C-terminal domain. Molecular Microbiology, 2012, 86, 988-1006.	2.5	22
17	Autocatalytic Intramolecular Isopeptide Bond Formation in Gram-Positive Bacterial Pili: A QM/MM Simulation. Journal of the American Chemical Society, 2011, 133, 478-485.	13.7	36
18	<i>Staphylococcus aureus</i> Sortase A Contributes to the Trojan Horse Mechanism of Immune Defense Evasion with Its Intrinsic Resistance to Cys184 Oxidation. Biochemistry, 2011, 50, 7591-7599.	2.5	11

#	ARTICLE	IF	CITATIONS
19	Sortase transpeptidases: Insights into mechanism, substrate specificity, and inhibition. Biopolymers, 2010, 94, 385-396.	2.4	163