

Boo Shan Tseng

List of Publications by Year in descending order

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19
papers

3,029
citations

566801

15
h-index

794141

19
g-index

30
all docs

30
docs citations

30
times ranked

4509
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Adaptation in Structured Environments: Lessons from Darwin's Finches. Trends in Microbiology, 2021, 29, 5-7.	3.5	1
2	Bacterial cyclic diguanylate signaling networks sense temperature. Nature Communications, 2021, 12, 1986.	5.8	35
3	The anti- σ factor MucA is required for viability in <i>Pseudomonas aeruginosa</i> . Molecular Microbiology, 2021, 116, 550-563.	1.2	11
4	The anti- σ factor MucA of <i>Pseudomonas aeruginosa</i> : Dramatic differences of a Δ mucA22 vs. a Δ mucA mutant in anaerobic acidified nitrite sensitivity of planktonic and biofilm bacteria in vitro and during chronic murine lung infection. PLoS ONE, 2019, 14, e0216401.	1.1	10
5	Pushing beyond the Envelope: the Potential Roles of OprF in <i>Pseudomonas aeruginosa</i> Biofilm Formation and Pathogenicity. Journal of Bacteriology, 2019, 201, .	1.0	29
6	Heterogeneity in surface sensing suggests a division of labor in <i>Pseudomonas aeruginosa</i> populations. ELife, 2019, 8, .	2.8	96
7	A Biofilm Matrix-Associated Protease Inhibitor Protects <i>Pseudomonas aeruginosa</i> from Proteolytic Attack. MBio, 2018, 9, .	1.8	63
8	Dual recognition of chromatin and microtubules by INCENP is important for mitotic progression. Journal of Cell Biology, 2017, 216, 925-941.	2.3	36
9	An Update on the Sociomicrobiology of Quorum Sensing in Gram-Negative Biofilm Development. Pathogens, 2017, 6, 51.	1.2	87
10	Quorum Sensing Influences <i>Burkholderia thailandensis</i> Biofilm Development and Matrix Production. Journal of Bacteriology, 2016, 198, 2643-2650.	1.0	39
11	Precision-engineering the <i>Pseudomonas aeruginosa</i> genome with two-step allelic exchange. Nature Protocols, 2015, 10, 1820-1841.	5.5	381
12	Pel is a cationic exopolysaccharide that cross-links extracellular DNA in the <i>Pseudomonas aeruginosa</i> biofilm matrix. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11353-11358.	3.3	485
13	Extracellular DNA Impedes the Transport of Vancomycin in <i>Staphylococcus epidermidis</i> Biofilms Preexposed to Subinhibitory Concentrations of Vancomycin. Antimicrobial Agents and Chemotherapy, 2014, 58, 7273-7282.	1.4	102
14	Psl trails guide exploration and microcolony formation in <i>Pseudomonas aeruginosa</i> biofilms. Nature, 2013, 497, 388-391.	13.7	308
15	The extracellular matrix protects <i>Pseudomonas aeruginosa</i> biofilms by limiting the penetration of tobramycin. Environmental Microbiology, 2013, 15, 2865-2878.	1.8	357
16	Dual Detection of Chromosomes and Microtubules by the Chromosomal Passenger Complex Drives Spindle Assembly. Developmental Cell, 2010, 18, 903-912.	3.1	91
17	Dynamic Regulation of Effector Protein Binding to Histone Modifications: The Biology of HP1 Switching. Cell Cycle, 2006, 5, 2842-2851.	1.3	59
18	Regulation of HP1's chromatin binding by histone H3 methylation and phosphorylation. Nature, 2005, 438, 1116-1122.	13.7	834

#	ARTICLE	IF	CITATIONS
19	Factors That Impact <i>Pseudomonas aeruginosa</i> Biofilm Structure and Function. , 0, , 1-20.		0