Boo Shan Tseng

List of Publications by Year
in descending order

19	3,029	567281 15	794594 19
papers	citations	h-index	g-index

30	30	30	4509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of HP1â€“chromatin binding by histone H3 methylation and phosphorylation. Nature, 2005, 438, 1116-1122.	27.8	834
2	Pel is a cationic exopolysaccharide that cross-links extracellular DNA in the Pseudomonas aeruginosa biofilm matrix. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11353-11358.	7.1	485
3	Precision-engineering the Pseudomonas aeruginosa genome with two-step allelic exchange. Nature Protocols, 2015, 10, 1820-1841.	12.0	381
4	The extracellular matrix protects <scp>P</scp>seudomonas aeruginosa biofilms by limiting the penetration of tobramycin. Environmental Microbiology, 2013, 15, 2865-2878.	3.8	357
5	Psl trails guide exploration and microcolony formation in Pseudomonas aeruginosa biofilms. Nature, 2013, 497, 388-391.	27.8	308
6	Extracellular DNA Impedes the Transport of Vancomycin in Staphylococcus epidermidis Biofilms Preexposed to Subinhibitory Concentrations of Vancomycin. Antimicrobial Agents and Chemotherapy, 2014, 58, 7273-7282.	3.2	102
7	Heterogeneity in surface sensing suggests a division of labor in Pseudomonas aeruginosa populations. ELife, 2019, 8, .	6.0	96
8	Dual Detection of Chromosomes and Microtubules by the Chromosomal Passenger Complex Drives Spindle Assembly. Developmental Cell, 2010, 18, 903-912.	7.0	91
9	An Update on the Sociomicrobiology of Quorum Sensing in Gram-Negative Biofilm Development. Pathogens, 2017, 6, 51.	2.8	87
10	A Biofilm Matrix-Associated Protease Inhibitor Protects Pseudomonas aeruginosa from Proteolytic Attack. MBio, 2018, 9, .	4.1	63
11	Dynamic Regulation of Effector Protein Binding to Histone Modifications: The Biology of HP1 Switching. Cell Cycle, 2006, 5, 2842-2851.	2.6	59
12	Quorum Sensing Influences Burkholderia thailandensis Biofilm Development and Matrix Production. Journal of Bacteriology, 2016, 198, 2643-2650.	2.2	39
13	Dual recognition of chromatin and microtubules by INCENP is important for mitotic progression. Journal of Cell Biology, 2017, 216, 925-941.	5.2	36
14	Bacterial cyclic diguanylate signaling networks sense temperature. Nature Communications, 2021, 12, 1986.	12.8	35
15	Pushing beyond the Envelope: the Potential Roles of OprF in Pseudomonas aeruginosa Biofilm Formation and Pathogenicity. Journal of Bacteriology, 2019, 201, .	2.2	29
16	The antiâ€sigma factor MucA is required for viability in Pseudomonas aeruginosa. Molecular Microbiology, 2021, 116, 550-563.	2.5	11
17	The anti-sigma factor MucA of Pseudomonas aeruginosa: Dramatic differences of a mucA22 vs. a Î”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.	2.5	10
18	Bacterial Adaptation in Structured Environments: Lessons from Darwinâ€™s Finches. Trends in Microbiology, 2021, 29, 5-7.	7.7	1

#	Article	IF	Citations
19	Factors That Impact Pseudomonas aeruginosa Biofilm Structure and Function. , 0, , 1-20.		0