Mahmoud M Al-Bassam

List of Publications by Year
in descending order

18	953	516710 16	794594 19
papers	citations	h-index	g-index

23	23	23	1297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Specialized and shared functions of diguanylate cyclases and phosphodiesterases in Streptomyces development. Molecular Microbiology, 2020, 114, 808-822.	2.5	11
2	Developmentally regulated volatiles geosmin and 2-methylisoborneol attract a soil arthropod to Streptomyces bacteria promoting spore dispersal. Nature Microbiology, 2020, 5, 821-829.	13.3	102
3	c-di-AMP hydrolysis by the phosphodiesterase AtaC promotes differentiation of multicellular bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7392-7400.	7.1	32
4	Functional and Proteomic Analysis of Streptococcus pyogenes Virulence Upon Loss of Its Native Cas9 Nuclease. Frontiers in Microbiology, 2019, 10, 1967.	3.5	11
5	Environmental stimuli drive a transition from cooperation to competition in synthetic phototrophic communities. Nature Microbiology, 2019, 4, 2184-2191.	13.3	54
6	Predicting proteome allocation, overflow metabolism, and metal requirements in a model acetogen. PLoS Computational Biology, 2019, 15, e1006848.	3.2	46
7	BldC Delays Entry into Development To Produce a Sustained Period of Vegetative Growth in Streptomyces venezuelae. MBio, 2019, 10, .	4.1	36
8	Sensing and responding to diverse extracellular signals: an updated analysis of the sensor kinases and response regulators of Streptomyces species. Microbiology (United Kingdom), 2019, 165, 929-952.	1.8	21
9	Expression Patterns, Genomic Conservation and Input Into Developmental Regulation of the GGDEF/EAL/HD-GYP Domain Proteins in Streptomyces. Frontiers in Microbiology, 2018, 9, 2524.	3.5	32
10	Optimization of carbon and energy utilization through differential translational efficiency. Nature Communications, 2018, 9, 4474.	12.8	35
11	Group B Streptococcus Biofilm Regulatory Protein A Contributes to Bacterial Physiology and Innate Immune Resistance. Journal of Infectious Diseases, 2018, 218, 1641-1652.	4.0	38
12	Watasemycin biosynthesis in Streptomyces venezuelae: thiazoline C-methylation by a type B radical-SAM methylase homologue. Chemical Science, 2017, 8, 2823-2831.	7.4	42
13	Discovery of Unusual Biaryl Polyketides by Activation of a Silent Streptomyces venezuelae Biosynthetic Gene Cluster. ChemBioChem, 2016, 17, 2189-2198.	2.6	50
14	Nucleotide Second Messengerâ€Mediated Regulation of a Muralytic Enzyme in Streptomyces. Molecular Microbiology, 2015, 96, 779-795.	2.5	29
15	Networks of energetic and metabolic interactions define dynamics in microbial communities. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15450-15455.	7.1	208
16	New Insights into Chloramphenicol Biosynthesis in Streptomyces venezuelae ATCC 10712. Antimicrobial Agents and Chemotherapy, 2014, 58, 7441-7450.	3.2	74
17	Response Regulator Heterodimer Formation Controls a Key Stage in Streptomyces Development. PLoS Genetics, 2014, 10, e1004554.	3.5	82
18	Discovery of a family of Î³-aminobutyrate ureas via rational derepression of a silent bacterial gene cluster. Chemical Science, 2014, 5, 86-89.	7.4	40