Joshua A Baccile

List of Publications by Year
in descending order

21	1,041	567281 15	794594 19
papers	citations	h-index	g-index

22	22	22	1849
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Predictive Model for Selective Targeting of the Warburg Effect through GAPDH Inhibition with a Natural Product. Cell Metabolism, 2017, 26, 648-659.e8.	16.2	154
2	Tomato receptor FLAGELLIN-SENSING 3 binds flgII-28 and activates the plant immune system. Nature Plants, 2016, 2, 16128.	9.3	151
3	Chemoenzymatic Synthesis of Thiazolyl Peptide Natural Products Featuring an Enzyme-Catalyzed Formal [4 + 2] Cycloaddition. Journal of the American Chemical Society, 2015, 137, 3494-3497.	13.7	113
4	A Nonribosomal Peptide Synthetase-Derived Iron(III) Complex from the Pathogenic Fungus Aspergillus fumigatus. Journal of the American Chemical Society, 2013, 135, 2064-2067.	13.7	111
5	Plant-like biosynthesis of isoquinoline alkaloids in Aspergillus fumigatus. Nature Chemical Biology, 2016, 12, 419-424.	8.0	79
6	Conserved Responses in a War of Small Molecules between a Plant-Pathogenic Bacterium and Fungi. MBio, 2018, 9, .	4.1	73
7	Perturbations in small molecule synthesis uncovers an iron-responsive secondary metabolite network in Aspergillus fumigatus. Frontiers in Microbiology, 2014, 5, 530.	3.5	59
8	Fungal Isocyanide Synthases and Xanthocillin Biosynthesis in Aspergillus fumigatus. MBio, 2018, 9, .	4.1	44
9	Elucidating the Rimosamide-Detoxin Natural Product Families and Their Biosynthesis Using Metabolite/Gene Cluster Correlations. ACS Chemical Biology, 2016, 11, 3452-3460.	3.4	42
10	NRPS-Derived Isoquinolines and Lipopetides Mediate Antagonism between Plant Pathogenic Fungi and Bacteria. ACS Chemical Biology, 2018, 13, 171-179.	3.4	38
11	Transcriptome analysis of cyclic <scp>AMP</scp>â€dependent protein kinase <scp>A</scp>â€“regulated genes reveals the production of the novel natural compound fumipyrrole by <scp>A</scp>spergillus fumigatus. Molecular Microbiology, 2015, 96, 148-162.	2.5	37
12	Phevamine A, a small molecule that suppresses plant immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9514-E9522.	7.1	37
13	Linking Genomic and Metabolomic Natural Variation Uncovers Nematode Pheromone Biosynthesis. Cell Chemical Biology, 2018, 25, 787-796.e12.	5.2	31
14	Diketopiperazine Formation in Fungi Requires Dedicated Cyclization and Thiolation Domains. Angewandte Chemie - International Edition, 2019, 58, 14589-14593.	13.8	31
15	Deep Interrogation of Metabolism Using a Pathway-Targeted Click-Chemistry Approach. Journal of the American Chemical Society, 2020, 142, 18449-18459.	13.7	19
16	Modular synthesis of photocleavable peptides using click chemistry. Tetrahedron Letters, 2012, 53, 1933-1935.	1.4	7
17	Diketopiperazine Formation in Fungi Requires Dedicated Cyclization and Thiolation Domains. Angewandte Chemie, 2019, 131, 14731-14735.	2.0	7
18	Reactive Oxygen Species (ROS) Activated Liposomal Cell Delivery using a Boronateâ€Caged Guanidine Lipid. Chemistry - A European Journal, 0, , .	3.3	5

#	Article	IF	Citations
19	Detecting the Interaction of Peptide Ligands with Plant Membrane Receptors. Current Protocols in Plant Biology, 2017, 2, 240-269.	2.8	2
20	Siteâ€Specific Small Molecule Labeling of an Internal Loop in JC Polyomavirus Pentamers Using the Ïâ€Clampâ€Mediated Cysteine Conjugation. ChemBioChem, 2021, 22, 3037-3041.	2.6	1
21	A small molecule virulence factor suppresses plant immune response. FASEB Journal, 2018, 32, 656.9.	0.5	0