

Ethan B Van Arnam

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

540
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	Defense contracts: molecular protection in insect-microbe symbioses. <i>Chemical Society Reviews</i> , 2018, 47, 1638-1651.	38.1	122
2	Selvamicin, an atypical antifungal polyene from two alternative genomic contexts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12940-12945.	7.1	88
3	Variable genetic architectures produce virtually identical molecules in bacterial symbionts of fungus-growing ants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13150-13154.	7.1	86
4	Functional Probes of Drug- α -Receptor Interactions Implicated by Structural Studies: Cys-Loop Receptors Provide a Fertile Testing Ground. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6289-6300.	6.4	48
5	A Rebeccamycin Analog Provides Plasmid-Encoded Niche Defense. <i>Journal of the American Chemical Society</i> , 2015, 137, 14272-14274.	13.7	44
6	In Vivo Incorporation of Non-canonical Amino Acids by Using the Chemical Aminoacylation Strategy: A Broadly Applicable Mechanistic Tool. <i>ChemBioChem</i> , 2014, 15, 1710-1720.	2.6	42
7	Dissecting the Functions of Conserved Prolines within Transmembrane Helices of the D2 Dopamine Receptor. <i>ACS Chemical Biology</i> , 2011, 6, 1063-1068.	3.4	24
8	Specialized Metabolites Reveal Evolutionary History and Geographic Dispersion of a Multilateral Symbiosis. <i>ACS Central Science</i> , 2021, 7, 292-299.	11.3	23
9	Binding Interactions with the Complementary Subunit of Nicotinic Receptors. <i>Journal of Biological Chemistry</i> , 2013, 288, 6991-6997.	3.4	20
10	An Unusual Pattern of Ligand-Receptor Interactions for the $\alpha 7$ Nicotinic Acetylcholine Receptor, with Implications for the Binding of Varenicline. <i>Molecular Pharmacology</i> , 2013, 84, 201-207.	2.3	19
11	Thiopeptide Defense by an Ant's Bacterial Symbiont. <i>Journal of Natural Products</i> , 2020, 83, 725-729.	3.0	13
12	Bacterial Associates of a Desert Specialist Fungus-Growing Ant Antagonize Competitors with a Nocamycin Analog. <i>ACS Chemical Biology</i> , 2022, 17, 1824-1830.	3.4	6
13	The Influence by Substituents on the Intermolecular Hydrogen-Bonding Interactions in Imidazole-4,5-dicarboxylic Acid Derivatives. <i>Crystal Growth and Design</i> , 2006, 6, 2047-2052.	3.0	5