

Asfandyar Sikandar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

347
citations

840776

11
h-index

1058476

14
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16
all docs

16
docs citations

16
times ranked

497
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrate-Inspired Fragment Merging and Growing Affords Efficacious LasB Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	13
2	Total In Vitro Biosynthesis of the Thioamide Thioholgamide and Investigation of the Pathway. <i>Journal of the American Chemical Society</i> , 2022, 144, 5136-5144.	13.7	19
3	Structure-Based Design of β -Substituted Mercaptoacetamides as Inhibitors of the Virulence Factor LasB from <i>Pseudomonas aeruginosa</i> . <i>ACS Infectious Diseases</i> , 2022, 8, 1010-1021.	3.8	7
4	Non-Heme Monooxygenase ThoJ Catalyzes Thioholgamide β -Hydroxylation. <i>ACS Chemical Biology</i> , 2020, 15, 2815-2819.	3.4	9
5	The bottromycin epimerase Both defines a group of atypical β -hydroxylase-fold enzymes. <i>Nature Chemical Biology</i> , 2020, 16, 1013-1018.	8.0	18
6	Tutuillamides A-C: Vinyl-Chloride-Containing Cyclodepsipeptides from Marine Cyanobacteria with Potent Elastase Inhibitory Properties. <i>ACS Chemical Biology</i> , 2020, 15, 751-757.	3.4	33
7	Thiazoline-Specific Amidohydrolase PurAH Is the Gatekeeper of Bottromycin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 9748-9752.	13.7	26
8	The role of protein-protein interactions in the biosynthesis of ribosomally synthesized and post-translationally modified peptides. <i>Natural Product Reports</i> , 2019, 36, 1576-1588.	10.3	17
9	Binding Mode Characterization and Early <i>in Vivo</i> Evaluation of Fragment-Like Thiols as Inhibitors of the Virulence Factor LasB from <i>Pseudomonas aeruginosa</i> . <i>ACS Infectious Diseases</i> , 2018, 4, 988-997.	3.8	27
10	Adaptation of a Bacterial Multidrug Resistance System Revealed by the Structure and Function of AlbA. <i>Journal of the American Chemical Society</i> , 2018, 140, 16641-16649.	13.7	14
11	Tackling <i>Pseudomonas aeruginosa</i> Virulence by a Hydroxamic Acid-Based LasB Inhibitor. <i>ACS Chemical Biology</i> , 2018, 13, 2449-2455.	3.4	24
12	Thioholgamides: Thioamide-Containing Cytotoxic RiPP Natural Products. <i>ACS Chemical Biology</i> , 2017, 12, 2837-2841.	3.4	65
13	Photorhabdus luminescens lectin A (PLIA): A new probe for detecting β -galactoside-terminating glycoconjugates. <i>Journal of Biological Chemistry</i> , 2017, 292, 19935-19951.	3.4	9
14	The natural product carolacton inhibits folate-dependent C1 metabolism by targeting FOLD/MTHFD. <i>Nature Communications</i> , 2017, 8, 1529.	12.8	66
15	Substrate-Inspired fragment merging and growing affords efficacious LasB inhibitors. <i>Angewandte Chemie</i> , 0, , .	2.0	0