

Matthew Jenner

List of Publications by Year in descending order

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36
papers

902
citations

516710

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h-index

501196

28
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45
all docs

45
docs citations

45
times ranked

1213
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome mining identifies cepacin as a plant-protective metabolite of the biopesticidal bacterium <i>Burkholderia ambifaria</i> . <i>Nature Microbiology</i> , 2019, 4, 996-1005.	13.3	106
2	Antibiotics from Gram-negative bacteria: a comprehensive overview and selected biosynthetic highlights. <i>Natural Product Reports</i> , 2017, 34, 712-783.	10.3	101
3	Discovery and Biosynthesis of Gladiolin: A <i>Burkholderia gladioli</i> Antibiotic with Promising Activity against <i>Mycobacterium tuberculosis</i> . <i>Journal of the American Chemical Society</i> , 2017, 139, 7974-7981.	13.7	73
4	A Close Look at a Ketosynthase from a Trans-Acyltransferase Modular Polyketide Synthase. <i>Structure</i> , 2014, 22, 444-451.	3.3	65
5	Detection of a Protein Conformational Equilibrium by Electrospray Ionisation-Mobility-Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8291-8294.	13.8	60
6	Substrate Specificity in Ketosynthase Domains from <i>trans</i> -AT Polyketide Synthases. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1143-1147.	13.8	58
7	Structural basis for chain release from the enacyloxin polyketide synthase. <i>Nature Chemistry</i> , 2019, 11, 913-923.	13.6	39
8	SilE is an intrinsically disordered periplasmic α -molecular sponge-involved in bacterial silver resistance. <i>Molecular Microbiology</i> , 2016, 101, 731-742.	2.5	38
9	An unusual <i>Burkholderia gladioli</i> double chain-initiating nonribosomal peptide synthetase assembles α -fungal TM icosalide antibiotics. <i>Chemical Science</i> , 2019, 10, 5489-5494.	7.4	34
10	Mechanism of intersubunit ketosynthase dehydratase interaction in polyketide synthases. <i>Nature Chemical Biology</i> , 2018, 14, 270-275.	8.0	31
11	Protein-protein interactions in <i>trans</i> -AT polyketide synthases. <i>Natural Product Reports</i> , 2018, 35, 1097-1109.	10.3	29
12	Acyl-Chain Elongation Drives Ketosynthase Substrate Selectivity in <i>trans</i> -Acyltransferase Polyketide Synthases. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1817-1821.	13.8	25
13	Kill and cure: genomic phylogeny and bioactivity of <i>Burkholderia gladioli</i> bacteria capable of pathogenic and beneficial lifestyles. <i>Microbial Genomics</i> , 2021, 7, .	2.0	24
14	Amino acid-accepting ketosynthase domain from a <i>trans</i> -AT polyketide synthase exhibits high selectivity for predicted intermediate. <i>Chemical Science</i> , 2013, 4, 3212.	7.4	23
15	Mechanism-Based Inhibition of Quinone Reductase 2 (NQO2): Selectivity for NQO2 over NQO1 and Structural Basis for Flavoprotein Inhibition. <i>ChemBioChem</i> , 2011, 12, 1203-1208.	2.6	20
16	Fungal siderophore biosynthesis catalysed by an iterative nonribosomal peptide synthetase. <i>Chemical Science</i> , 2020, 11, 11525-11530.	7.4	20
17	Genomics-Driven Discovery of a Novel Glutarimide Antibiotic from <i>Burkholderia gladioli</i> Reveals an Unusual Polyketide Synthase Chain Release Mechanism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23145-23153.	13.8	20
18	Complete Stereoinversion of <i>L</i> -Tryptophan by a Fungal Single-Module Nonribosomal Peptide Synthetase. <i>Journal of the American Chemical Society</i> , 2019, 141, 16222-16226.	13.7	19

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19	Acyl hydrolases from trans-AT polyketide synthases target acetyl units on acyl carrier proteins. <i>Chemical Communications</i> , 2016, 52, 5262-5265.	4.1	17
20	Docking domain-mediated subunit interactions in natural product megasynth(et)ases. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, 48, .	3.0	17
21	Discovery of the <i>Pseudomonas</i> Polyene Protegencin by a Phylogeny-Guided Study of Polyene Biosynthetic Gene Cluster Diversity. <i>MBio</i> , 2021, 12, e0071521.	4.1	16
22	Communication Breakdown: Dissecting the COM Interfaces between the Subunits of Nonribosomal Peptide Synthetases. <i>ACS Catalysis</i> , 2021, 11, 10802-10813.	11.2	14
23	Aminoacyl chain translocation catalysed by a type II thioesterase domain in an unusual non-ribosomal peptide synthetase. <i>Nature Communications</i> , 2022, 13, 62.	12.8	11
24	Decoding Protein Gasâ€Phase Stability with Alanine Scanning and Collisionâ€Induced Unfolding Ion Mobility Mass Spectrometry. <i>Analysis & Sensing</i> , 2021, 1, 63-69.	2.0	5
25	Microarray screening reveals two non-conventional SUMO-binding modules linked to DNA repair by non-homologous end-joining. <i>Nucleic Acids Research</i> , 2022, 50, 4732-4754.	14.5	4
26	Reprogramming assembly lines. <i>Nature Chemistry</i> , 2018, 10, 245-247.	13.6	3
27	Genomicsâ€Driven Discovery of a Novel Glutarimide Antibiotic from <i>Burkholderia gladioli</i> Reveals an Unusual Polyketide Synthase Chain Release Mechanism. <i>Angewandte Chemie</i> , 2020, 132, 23345-23353.	2.0	3
28	Molecular basis for acyl carrier proteinâ€ketoreductase interaction in <i>trans</i> -acyltransferase polyketide synthases. <i>Chemical Science</i> , 2021, 12, 13676-13685.	7.4	3
29	Clicking into Place: Interfacing Terminal Alkyne Biosynthesis with Polyketide Synthases. <i>Trends in Biotechnology</i> , 2020, 38, 682-684.	9.3	1
30	Genome mining and characterisation of multiple bioactive compounds from a <i>Burkholderia gladioli</i> isolate collection. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	1
31	Predicting the peculiar. <i>Nature Chemical Biology</i> , 2019, 15, 761-763.	8.0	0
32	Decoding Protein Gasâ€Phase Stability with Alanine Scanning and Collisionâ€Induced Unfolding Ion Mobility Mass Spectrometry. <i>Analysis & Sensing</i> , 2021, 1, 6-6.	2.0	0
33	Ion Mobility Mass Spectrometry: Biological Applications. , 2013, , 1148-1152.		0
34	Synthesis of Acyl-Acyl Carrier Proteins and Their Use in Studying Polyketide Synthase Enzymology. <i>Springer Theses</i> , 2016, , 107-130.	0.1	0
35	Biosynthesis of a 'fungal' peptide antibiotic by <i>Burkholderia gladioli</i> . <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
36	Characterisation of vietnamycin: a novel <i>Burkholderia</i> antibiotic targeting mupirocin-resistant methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0