Matthew Jenner

List of Publications by Year
in descending order

36 papers	902 citations	516710 16 h-index	501196 28 g-index
45 all docs	45 docs citations	45 times ranked	1213 citing authors

#	Article	IF	Citations
1	Aminoacyl chain translocation catalysed by a type II thioesterase domain in an unusual non-ribosomal peptide synthetase. Nature Communications, 2022, 13, 62.	12.8	11
2	Microarray screening reveals two non-conventional SUMO-binding modules linked to DNA repair by non-homologous end-joining. Nucleic Acids Research, 2022, 50, 4732-4754.	14.5	4
3	Decoding Protein Gasâ€Phase Stability with Alanine Scanning and Collisionâ€Induced Unfolding Ion Mobility Mass Spectrometry. Analysis & Sensing, 2021, 1, 63-69.	2.0	5
4	Decoding Protein Gasâ€Phase Stability with Alanine Scanning and Collisionâ€Induced Unfolding Ion Mobility Mass Spectrometry. Analysis & Sensing, 2021, 1, 6-6.	2.0	0
5	Molecular basis for acyl carrier proteinâ€“ketoreductase interaction in trans-acyltransferase polyketide synthases. Chemical Science, 2021, 12, 13676-13685.	7.4	3
6	Kill and cure: genomic phylogeny and bioactivity of Burkholderia gladioli bacteria capable of pathogenic and beneficial lifestyles. Microbial Genomics, 2021, 7, .	2.0	24
7	Docking domain-mediated subunit interactions in natural product megasynth(et)ases. Journal of Industrial Microbiology and Biotechnology, 2021, 48, .	3.0	17
8	Communication Breakdown: Dissecting the COM Interfaces between the Subunits of Nonribosomal Peptide Synthetases. ACS Catalysis, 2021, 11, 10802-10813.	11.2	14
9	Discovery of the Pseudomonas Polyyne Protegencin by a Phylogeny-Guided Study of Polyyne Biosynthetic Gene Cluster Diversity. MBio, 2021, 12, e0071521.	4.1	16
10	Genomicsâ€Driven Discovery of a Novel Glutarimide Antibiotic from Burkholderia gladioli Reveals an Unusual Polyketide Synthase Chain Release Mechanism. Angewandte Chemie, 2020, 132, 23345-23353.	2.0	3
11	Fungal siderophore biosynthesis catalysed by an iterative nonribosomal peptide synthetase. Chemical Science, 2020, 11, 11525-11530.	7.4	20
12	Genomicsâ€Driven Discovery of a Novel Glutarimide Antibiotic from Burkholderia gladioli Reveals an Unusual Polyketide Synthase Chain Release Mechanism. Angewandte Chemie - International Edition, 2020, 59, 23145-23153.	13.8	20
13	Clicking into Place: Interfacing Terminal Alkyne Biosynthesis with Polyketide Synthases. Trends in Biotechnology, 2020, 38, 682-684.	9.3	1
14	Predicting the peculiar. Nature Chemical Biology, 2019, 15, 761-763.	8.0	0
15	Complete Stereoinversion of <scp>l</scp>-Tryptophan by a Fungal Single-Module Nonribosomal Peptide Synthetase. Journal of the American Chemical Society, 2019, 141, 16222-16226.	13.7	19
16	Structural basis for chain release from the enacyloxin polyketide synthase. Nature Chemistry, 2019, 11, 913-923.	13.6	39
17	An unusualBurkholderia gladiolidouble chain-initiating nonribosomal peptide synthetase assembles â€˜fungalâ€™ icosalide antibiotics. Chemical Science, 2019, 10, 5489-5494.	7.4	34
18	Genome mining identifies cepacin as a plant-protective metabolite of the biopesticidal bacterium Burkholderia ambifaria. Nature Microbiology, 2019, 4, 996-1005.	13.3	106

#	Article	IF	Citations
19	Reprogramming assembly lines. Nature Chemistry, 2018, 10, 245-247.	13.6	3
20	Mechanism of intersubunit ketosynthaseâ€“dehydratase interaction in polyketide synthases. Nature Chemical Biology, 2018, 14, 270-275.	8.0	31
21	Proteinâ€“protein interactions in trans-AT polyketide synthases. Natural Product Reports, 2018, 35, 1097-1109.	10.3	29
22	Discovery and Biosynthesis of Gladiolin: A Burkholderia gladioli Antibiotic with Promising Activity against Mycobacterium tuberculosis. Journal of the American Chemical Society, 2017, 139, 7974-7981.	13.7	73
23	Antibiotics from Gram-negative bacteria: a comprehensive overview and selected biosynthetic highlights. Natural Product Reports, 2017, 34, 712-783.	10.3	101
24	SilE is an intrinsically disordered periplasmic â€œmolecular spongeâ€•involved in bacterial silver resistance. Molecular Microbiology, 2016, 101, 731-742.	2.5	38
25	Acyl hydrolases from trans-AT polyketide synthases target acetyl units on acyl carrier proteins. Chemical Communications, 2016, 52, 5262-5265.	4.1	17
26	Synthesis of Acyl-Acyl Carrier Proteins and Their Use in Studying Polyketide Synthase Enzymology. Springer Theses, 2016, , 107-130.	0.1	0
27	Genome mining and characterisation of multiple bioactive compounds from a Burkholderia gladioli isolate collection. Planta Medica, 2016, 81, S1-S381.	1.3	1
28	Biosynthesis of a 'fungal' peptide antibiotic by Burkholderia gladioli. Planta Medica, 2016, 81, S1-S381.	1.3	0
29	Characterisation of vietnamycin: a novel Burkholderia antibiotic targeting mupirocin-resistant methicillin-resistant Staphylococcus aureus (MRSA). Planta Medica, 2016, 81, S1-S381.	1.3	0
30	Acylâ€Chain Elongation Drives Ketosynthase Substrate Selectivity in transâ€Acyltransferase Polyketide Synthases. Angewandte Chemie - International Edition, 2015, 54, 1817-1821.	13.8	25
31	A Close Look at a Ketosynthase from a Trans-Acyltransferase Modular Polyketide Synthase. Structure, 2014, 22, 444-451.	3.3	65
32	Amino acid-accepting ketosynthase domain from a trans-AT polyketide synthase exhibits high selectivity for predicted intermediate. Chemical Science, 2013, 4, 3212.	7.4	23
33	Substrate Specificity in Ketosynthase Domains from transâ€AT Polyketide Synthases. Angewandte Chemie - International Edition, 2013, 52, 1143-1147.	13.8	58
34	Ion Mobility Mass Spectrometry: Biological Applications. , 2013, , 1148-1152.		0
35	Detection of a Protein Conformational Equilibrium by Electrospray Ionisationâ€Ion Mobilityâ€Mass Spectrometry. Angewandte Chemie - International Edition, 2011, 50, 8291-8294.	13.8	60
36	Mechanismâ€Based Inhibition of Quinone Reductase 2 (NQO2): Selectivity for NQO2 over NQO1 and Structural Basis for Flavoprotein Inhibition. ChemBioChem, 2011, 12, 1203-1208.	2.6	20