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List of Publications by Year in descending order

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63 papers	2,316 citations	257450 24 h-index	223800 46 g-index

64 all docs	64 docs citations	64 times ranked	2067 citing authors

#	Article	IF	Citations
1	Full-length RecE enhances linear-linear homologous recombination and facilitates direct cloning for bioprospecting. Nature Biotechnology, 2012, 30, 440-446.	17.5	375
2	Recent advances in the heterologous expression of microbial natural product biosynthetic pathways. Natural Product Reports, 2013, 30, 1121.	10.3	180
3	Heterologous expression of bacterial natural product biosynthetic pathways. Natural Product Reports, 2019, 36, 1412-1436.	10.3	171
4	RecET direct cloning and RedÎ±Î² recombineering of biosynthetic gene clusters, large operons or single genes for heterologous expression. Nature Protocols, 2016, 11, 1175-1190.	12.0	132
5	Improved seamless mutagenesis by recombineering using ccdB for counterselection. Nucleic Acids Research, 2014, 42, e37-e37.	14.5	113
6	In Vivo Evidence for a Prodrug Activation Mechanism during Colibactin Maturation. ChemBioChem, 2013, 14, 1194-1197.	2.6	101
7	Discovery of recombinases enables genome mining of cryptic biosynthetic gene clusters in Burkholderiales species. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4255-E4263.	7.1	80
8	High-Titer Heterologous Production in E. coli of Lyngbyatoxin, a Protein Kinase C Activator from an Uncultured Marine Cyanobacterium. ACS Chemical Biology, 2013, 8, 1888-1893.	3.4	77
9	Direct Cloning, Genetic Engineering, and Heterologous Expression of the Syringolin Biosynthetic Gene Cluster in E. coli through Red/ET Recombineering. ChemBioChem, 2012, 13, 1946-1952.	2.6	66
10	Two more pieces of the colibactin genotoxin puzzle from Escherichia coli show incorporation of an unusual 1-aminocyclopropanecarboxylic acid moiety. Chemical Science, 2015, 6, 3154-3160.	7.4	59
11	A new recombineering system for Photorhabdus and Xenorhabdus. Nucleic Acids Research, 2015, 43, e36-e36.	14.5	54
12	Direct cloning and heterologous expression of the salinomycin biosynthetic gene cluster from Streptomyces albus DSM41398 in Streptomyces coelicolor A3(2). Scientific Reports, 2015, 5, 15081.	3.3	49
13	Luminmycins Aâ€“C, Cryptic Natural Products from Photorhabdus luminescens Identified by Heterologous Expression in Escherichia coli. Journal of Natural Products, 2012, 75, 1652-1655.	3.0	48
14	Heterologous Production and Yield Improvement of Epothilones in Burkholderiales Strain DSM 7029. ACS Chemical Biology, 2017, 12, 1805-1812.	3.4	48
15	Expressing cytotoxic compounds in Escherichia coli Nissle 1917 for tumor-targeting therapy. Research in Microbiology, 2019, 170, 74-79.	2.1	48
16	Rufuslactone, a New Antifungal Sesquiterpene from the Fruiting Bodies of the Basidiomycete Lactarius rufus. Journal of Antibiotics, 2005, 58, 456-459.	2.0	42
17	Recombineering for Genetic Engineering of Natural Product Biosynthetic Pathways. Trends in Biotechnology, 2020, 38, 715-728.	9.3	39
18	Attenuation of Pseudomonas aeruginosa Quorum Sensing by Natural Products: Virtual Screening, Evaluation and Biomolecular Interactions. International Journal of Molecular Sciences, 2020, 21, 2190.	4.1	39

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19	Heterologous Production of Glidobactins/Luminmycins in Escherichia coli Nissle Containing the Glidobactin Biosynthetic Gene Cluster from Burkholderia DSM7029. ChemBioChem, 2014, 15, 2221-2224.	2.6	38
20	Engineering Pseudomonas protegens Pfâ€5 to improve its antifungal activity and nitrogen fixation. Microbial Biotechnology, 2020, 13, 118-133.	4.2	38
21	Genetic engineering and heterologous expression of the disorazol biosynthetic gene cluster via Red/ET recombineering. Scientific Reports, 2016, 6, 21066.	3.3	34
22	Engineering and elucidation of the lipoinitiation process in nonribosomal peptide biosynthesis. Nature Communications, 2021, 12, 296.	12.8	34
23	Simple and rapid direct cloning and heterologous expression of natural product biosynthetic gene cluster in Bacillus subtilis via Red/ET recombineering. Scientific Reports, 2016, 6, 34623.	3.3	31
24	Reclassification of 'Polyangium brachysporum' DSM 7029 as Schlegelella brevitalea sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2877-2883.	1.7	30
25	Microbial chassis engineering drives heterologous production of complex secondary metabolites. Biotechnology Advances, 2022, 59, 107966.	11.7	30
26	Rational construction of genome-reduced Burkholderiales chassis facilitates efficient heterologous production of natural products from proteobacteria. Nature Communications, 2021, 12, 4347.	12.8	26
27	Heterologous Expression Guides Identification of the Biosynthetic Gene Cluster of Chuangxinmycin, an Indole Alkaloid Antibiotic. Journal of Natural Products, 2018, 81, 1060-1064.	3.0	24
28	Establishment of recombineering genome editing system in Paraburkholderia megapolitana empowers activation of silent biosynthetic gene clusters. Microbial Biotechnology, 2020, 13, 397-405.	4.2	24
29	Rational and efficient siteâ€directed mutagenesis of adenylation domain alters relative yields of luminmide derivatives in vivo. Biotechnology and Bioengineering, 2015, 112, 1343-1353.	3.3	22
30	Promoter Screening Facilitates Heterologous Production of Complex Secondary Metabolites in Burkholderiales Strains. ACS Synthetic Biology, 2020, 9, 457-460.	3.8	18
31	Recombineering Pseudomonas protegens CHA0: An innovative approach that improves nitrogen fixation with impressive bactericidal potency. Microbiological Research, 2019, 218, 58-65.	5.3	16
32	Effect of the nitrogen-fixing bacterium Pseudomonas protegens CHA0-Î"retS-nif on garlic growth under different field conditions. Industrial Crops and Products, 2020, 145, 111982.	5.2	16
33	Genome Mining and Biosynthesis of Primary Amine-Acylated Desferrioxamines in a Marine Gliding Bacterium. Organic Letters, 2020, 22, 939-943.	4.6	14
34	Characterization of a Cryptic NRPS Gene Cluster in Bacillus velezensis FZB42 Reveals a Discrete Oxidase Involved in Multithiazole Biosynthesis. ACS Catalysis, 2022, 12, 3371-3381.	11.2	13
35	Biosynthesis of polyketides by trans-AT polyketide synthases in Burkholderiales. Critical Reviews in Microbiology, 2019, 45, 162-181.	6.1	12
36	Reassembly of the Biosynthetic Gene Cluster Enables High Epothilone Yield in Engineered Schlegelella brevitalea. ACS Synthetic Biology, 2020, 9, 2009-2022.	3.8	12

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37	Discovery of Polycyclic Macrolide Shuangdaolides by Heterologous Expression of a Cryptic trans-AT PKS Gene Cluster. Organic Letters, 2021, 23, 6967-6971.	4.6	12
38	Development of environmentally friendly biological algicide and biochemical analysis of inhibitory effect of diatom Skeletonema costatum. Chinese Chemical Letters, 2022, 33, 1358-1364.	9.0	12
39	Identification of Holrhizins Eâ€“Q Reveals the Diversity of Nonribosomal Lipopeptides in Paraburkholderia rhizoxinica. Journal of Natural Products, 2020, 83, 537-541.	3.0	11
40	Genomics-Driven Activation of Silent Biosynthetic Gene Clusters in Burkholderia gladioli by Screening Recombineering System. Molecules, 2021, 26, 700.	3.8	10
41	Engineering the acyltransferase domain of epothilone polyketide synthase to alter the substrate specificity. Microbial Cell Factories, 2021, 20, 86.	4.0	10
42	Heterologous redox partners supporting the efficient catalysis of epothilone B biosynthesis by EpoK in Schlegelella brevitalea. Microbial Cell Factories, 2020, 19, 180.	4.0	9
43	Biosynthesis of Chuangxinmycin Featuring a Deubiquitinaseâ€like Sulfurtransferase. Angewandte Chemie - International Edition, 2021, 60, 24418-24423.	13.8	9
44	In vitro characterization of a nitro-forming oxygenase involved in 3-(trans-2â€™-aminocyclopropyl)alanine biosynthesis. Engineering Microbiology, 2022, 2, 100007.	4.7	9
45	Identification of a contact-dependent growth inhibition system in the probiotic Escherichia coli Nissle 1917. FEMS Microbiology Letters, 2018, 365, .	1.8	8
46	Yield improvement of epothilones in Burkholderia strain DSM7029 via transporter engineering. FEMS Microbiology Letters, 2018, 365, .	1.8	8
47	Enhancement of edeine production in Brevibacillus brevis X23 via inÂsitu promoter engineering. Microbial Biotechnology, 2022, 15, 577-589.	4.2	8
48	Improved dsDNA recombineering enables versatile multiplex genome engineering of kilobase-scale sequences in diverse bacteria. Nucleic Acids Research, 2022, 50, e15-e15.	14.5	8
49	Genome-Guided Discovery of Highly Oxygenated Aromatic Polyketides, Saccharothrixins Dâ€“M, from the Rare Marine Actinomycete Saccharothrix sp. D09. Journal of Natural Products, 2021, 84, 2875-2884.	3.0	8
50	Recombineering facilitates the discovery of natural product biosynthetic pathways in Pseudomonas parafulva. Biotechnology Journal, 2021, 16, e2000575.	3.5	7
51	Saccharochelins Aâ€“H, Cytotoxic Amphiphilic Siderophores from the Rare Marine Actinomycete Saccharothrix sp. D09. Journal of Natural Products, 2021, 84, 2149-2156.	3.0	6
52	Biosynthesis of Fungal Natural Products Involving Two Separate Pathway Crosstalk. Journal of Fungi (Basel, Switzerland), 2022, 8, 320.	3.5	6
53	Unusual Post-Translational Modifications in the Biosynthesis of Lasso Peptides. International Journal of Molecular Sciences, 2022, 23, 7231.	4.1	6
54	A Practical Guide to in and Xenorhabdus. Current Topics in Microbiology and Immunology, 2016, 402, 195-213.	1.1	4

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55	Biosynthesis of Glidomides and Elucidation of Different Mechanisms for Formation of Î²â€OH Amino Acid Building Blocks. Angewandte Chemie - International Edition, 2022, 61, .	13.8	4
56	Genome Mining, Heterologous Expression, Antibacterial and Antioxidant Activities of Lipoamides and Amicoumacins from Compost-Associated Bacillus subtilis fmb60. Molecules, 2021, 26, 1892.	3.8	2
57	Recombineering-Mediated Genome Editing in Burkholderiales Strains. Methods in Molecular Biology, 2022, 2479, 21-36.	0.9	2
58	Biosynthesis of chuangxinmycin featuring a deubiquitinaseâ€like sulfurtransferase. Angewandte Chemie, 0, , .	2.0	1
59	Heterologous expression of bacterial natural product biosynthetic pathways. , 0, .		1
60	Enhanced growth of ginger plants by an ecoâ€âŠfriendly nitrogenâ€fixing Pseudomonas protegens inoculant in glasshouse fields. Journal of the Science of Food and Agriculture, 2021, , .	3.5	1
61	Editorial: Microbial Siderophores: Biosynthesis, Regulation, and Physiological and Ecological Impacts. Frontiers in Microbiology, 2022, 13, 892485.	3.5	1
62	Novel Recombineering Method Facilitates Cryptic Natural Product Discovery. Planta Medica, 2013, 79, .	1.3	0
63	Biosynthesis of Glidomides and Elucidation of Different Mechanisms for Formation of Î²â€OH Amino Acid Building Blocks. Angewandte Chemie, 0, , .	2.0	0