

Joris Beld

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,396
citations

516710

16
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

2058
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobamide remodeling. <i>Vitamins and Hormones</i> , 2022, 119, 43-63.	1.7	0
2	A commensal-encoded genotoxin drives restriction of <i>Vibrio cholerae</i> colonization and host gut microbiome remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121180119.	7.1	20
3	Elucidating the antibiotic sensing mechanism of VanB vancomycin-resistant <i>Enterococci</i> . <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	Screening and characterization of polyhydroxyalkanoate granules, and phylogenetic analysis of polyhydroxyalkanoate synthase gene <i>PhaC</i> in cyanobacteria. <i>Journal of Phycology</i> , 2021, 57, 754-765.	2.3	6
5	Whole genome sequencing of <i>Streptomyces actuosus</i> ISP-5337, <i>Streptomyces sioyaensis</i> B-5408, and <i>Actinospica acidiphila</i> B-2296 reveals secondary metabolomes with antibiotic potential. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 29, e00596.	4.4	9
6	Direct Cobamide Remodeling via Additional Function of Cobamide Biosynthesis Protein CobS from <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2021, 203, e0017221.	2.2	3
7	<i>Escherichia coli</i> Nissle 1917 secondary metabolism: aryl polyene biosynthesis and phosphopantetheinyl transferase crosstalk. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7785-7799.	3.6	3
8	Specificity of cobamide remodeling, uptake and utilization in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 2020, 113, 89-102.	2.5	20
9	Dissecting modular synthases through inhibition: A complementary chemical and genetic approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126820.	2.2	5
10	Synthesis of an acyl-acyl carrier protein synthetase inhibitor to study fatty acid recycling. <i>Scientific Reports</i> , 2020, 10, 17776.	3.3	4
11	Nicotine Content from Cigarettes Submerged in Soda. <i>Journal of Medical Toxicology</i> , 2020, 16, 452-457.	1.5	0
12	Expression of Heterologous OsDHAR Gene Improves Glutathione (GSH)-Dependent Antioxidant System and Maintenance of Cellular Redox Status in <i>Synechococcus elongatus</i> PCC 7942. <i>Frontiers in Plant Science</i> , 2020, 11, 231.	3.6	4
13	Molecular basis for interactions between an acyl carrier protein and a ketosynthase. <i>Nature Chemical Biology</i> , 2019, 15, 669-671.	8.0	41
14	The effect of divalent cations on the thermostability of type II polyketide synthase acyl carrier proteins. <i>AIChE Journal</i> , 2018, 64, 4308-4318.	3.6	9
15	Utilizing Mechanistic Cross-Linking Technology To Study Protein-Protein Interactions: An Experiment Designed for an Undergraduate Biochemistry Lab. <i>Journal of Chemical Education</i> , 2017, 94, 375-379.	2.3	5
16	An Amoebal Grazer of Cyanobacteria Requires Cobalamin Produced by Heterotrophic Bacteria. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	18
17	Acyl Carrier Protein Cyanylation Delivers a Ketoacyl Synthase Carrier Protein Cross-Link. <i>Biochemistry</i> , 2017, 56, 2533-2536.	2.5	14
18	Data from mass spectrometry, NMR spectra, GC-MS of fatty acid esters produced by <i>Lasiodiplodia theobromae</i> . <i>Data in Brief</i> , 2016, 8, 31-39.	1.0	5

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19	Phosphopantetheinylation in the green microalgae <i>Chlamydomonas reinhardtii</i> . <i>Journal of Applied Phycology</i> , 2016, 28, 3259-3267.	2.8	4
20	Probing fatty acid metabolism in bacteria, cyanobacteria, green microalgae and diatoms with natural and unnatural fatty acids. <i>Molecular BioSystems</i> , 2016, 12, 1299-1312.	2.9	22
21	Fatty acid esters produced by <i>Lasiodiplodia theobromae</i> function as growth regulators in tobacco seedlings. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 339-345.	2.1	18
22	Trapping of the Enoyl-Acyl Carrier Protein Reductase–Acyl Carrier Protein Interaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 3962-3965.	13.7	23
23	Online Analysis of Single Cyanobacteria and Algae Cells under Nitrogen-Limited Conditions Using Aerosol Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 8039-8046.	6.5	24
24	Fatty acid biosynthesis revisited: structure elucidation and metabolic engineering. <i>Molecular BioSystems</i> , 2015, 11, 38-59.	2.9	158
25	Visualizing the Chain-Flipping Mechanism in Fatty Acid Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14456-14461.	13.8	45
26	Evolution of acyl-ACP thioesterases and β^2 -ketoacyl-ACP synthases revealed by protein–protein interactions. <i>Journal of Applied Phycology</i> , 2014, 26, 1619-1629.	2.8	21
27	The phosphopantetheinyl transferases: catalysis of a post-translational modification crucial for life. <i>Natural Product Reports</i> , 2014, 31, 61-108.	10.3	283
28	Versatility of Acyl-Acyl Carrier Protein Synthetases. <i>Chemistry and Biology</i> , 2014, 21, 1293-1299.	6.0	47
29	Diselenides as universal oxidative folding catalysts of diverse proteins. <i>Journal of Biotechnology</i> , 2010, 150, 481-489.	3.8	43
30	Small-Molecule Diselenides Catalyze Oxidative Protein Folding <i>in Vivo</i> . <i>ACS Chemical Biology</i> , 2010, 5, 177-182.	3.4	28
31	Enantioselective Artificial Metalloenzymes Based on a Bovine Pancreatic Polypeptide Scaffold. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5159-5162.	13.8	95
32	Rapid and Quantitative Cyclization of Multiple Peptide Loops onto Synthetic Scaffolds for Structural Mimicry of Protein Surfaces. <i>ChemBioChem</i> , 2005, 6, 821-824.	2.6	241
33	A Simple Approach to Sensor Discovery and Fabrication on Self-Assembled Monolayers on Glass. <i>Journal of the American Chemical Society</i> , 2004, 126, 7293-7299.	13.7	165