

# Stephen Eric Nybo

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

875  
citations

623734

14  
h-index

610901

24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Angucyclines: Biosynthesis, mode-of-action, new natural products, and synthesis. <i>Natural Product Reports</i> , 2012, 29, 264-325.	10.3	280
2	Metabolic engineering in chemolithoautotrophic hosts for the production of fuels and chemicals. <i>Metabolic Engineering</i> , 2015, 30, 105-120.	7.0	80
3	Engineering triterpene metabolism in tobacco. <i>Planta</i> , 2012, 236, 867-877.	3.2	68
4	Molecular Diversity of Terpene Synthases in the Liverwort <i>Marchantia polymorpha</i> . <i>Plant Cell</i> , 2016, 28, tpc.00062.2016.	6.6	48
5	Cloning and Characterization of the Ravidomycin and Chrysomycin Biosynthetic Gene Clusters. <i>ChemBioChem</i> , 2010, 11, 523-532.	2.6	44
6	Triterpene hydrocarbon production engineered into a metabolically versatile host <i>Rhodobacter capsulatus</i> . <i>Biotechnology and Bioengineering</i> , 2015, 112, 1523-1532.	3.3	42
7	Functional Identification of Valerena-1,10-diene Synthase, a Terpene Synthase Catalyzing a Unique Chemical Cascade in the Biosynthesis of Biologically Active Sesquiterpenes in <i>Valeriana officinalis</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 3163-3173.	3.4	39
8	Tavaborole, Eflinaconazole, and Luliconazole: Three New Antimycotic Agents for the Treatment of Dermatophytic Fungi. <i>Journal of Pharmacy Practice</i> , 2017, 30, 621-630.	1.0	33
9	Regulation of sesquiterpenoid metabolism in recombinant and elicited <i>Valeriana officinalis</i> hairy roots. <i>Phytochemistry</i> , 2016, 125, 43-53.	2.9	31
10	Pyramidamycins A-D and 3-hydroxyquinoline-2-carboxamide; cytotoxic benzamides from <i>Streptomyces</i> sp. DGC1. <i>Journal of Antibiotics</i> , 2012, 65, 615-622.	2.0	29
11	Engineering Triterpene and Methylated Triterpene Production in Plants Provides Biochemical and Physiological Insights into Terpene Metabolism. <i>Plant Physiology</i> , 2016, 170, 702-716.	4.8	28
12	Metabolic engineering of <i>Escherichia coli</i> for production of valerenadiene. <i>Journal of Biotechnology</i> , 2017, 262, 60-66.	3.8	25
13	Renewed interests in the discovery of bioactive actinomycete metabolites driven by emerging technologies. <i>Journal of Applied Microbiology</i> , 2022, 132, 59-77.	3.1	17
14	Structure-Function Mapping of Key Determinants for Hydrocarbon Biosynthesis by Squalene and Squalene Synthase-like Enzymes from the Green Alga <i>Botryococcus braunii</i> Race B. <i>Biochemistry</i> , 2014, 53, 7570-7581.	2.5	16
15	Design of a disaster preparedness escape room for first and second-year pharmacy students. <i>Currents in Pharmacy Teaching and Learning</i> , 2020, 12, 716-723.	1.0	16
16	Genetic Manipulation of <i>Streptomyces</i> Species. <i>Current Protocols in Microbiology</i> , 2010, 19, Unit 10E.3.	6.5	14
17	Design of a large-scale escape room for first-year pharmacy student orientation. <i>Currents in Pharmacy Teaching and Learning</i> , 2020, 12, 1340-1347.	1.0	13
18	Ketooliviosyl-tetracenomycin C: A new ketosugar bearing tetracenomycin reveals new insight into the substrate flexibility of glycosyltransferase ElmGT. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2247-2250.	2.2	12

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19	Drugs for Gram-Negative Bugs From 2010â€“2019: A Decade in Review. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa276.	0.9	11
20	Integrated use of LC/MS/MS and LC/Q-TOF/MS targeted metabolomics with automated label-free microscopy for quantification of purine metabolites in cultured mammalian cells. <i>Purinergic Signalling</i> , 2019, 15, 17-25.	2.2	9
21	Pathway Engineering of Anthracyclines: Blazing Trails in Natural Product Glycodiversification. <i>Journal of Organic Chemistry</i> , 2020, 85, 12012-12023.	3.2	7
22	Agronomic and chemical performance of field-grown tobacco engineered for triterpene and methylated triterpene metabolism. <i>Plant Biotechnology Journal</i> , 2018, 16, 1110-1124.	8.3	5
23	A BioBricks toolbox for metabolic engineering of the tetracenomycin pathway. <i>Biotechnology Journal</i> , 2022, 17, e2100371.	3.5	5
24	Recent Developments in the Quest for Novel Microbial Natural Products. <i>Studies in Natural Products Chemistry</i> , 2018, 59, 109-152.	1.8	3