

Tomas Richardson-Sanchez

List of Publications by Year in descending order

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papers

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1651377

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#	ARTICLE	IF	CITATIONS
1	Introduction of the Menaquinone Biosynthetic Pathway into <i>Rhodobacter sphaeroides</i> and <i>de Novo</i> Synthesis of Menaquinone for Incorporation into Heterologously Expressed Integral Membrane Proteins. <i>ACS Synthetic Biology</i> , 2020, 9, 1190-1200.	1.9	7
2	Exploring hydroxamic acid inhibitors of HDAC1 and HDAC2 using small molecule tools and molecular or homology modelling. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2581-2586.	1.0	2
3	Analogues of desferrioxamine B (DFOB) with new properties and new functions generated using precursor-directed biosynthesis. <i>BioMetals</i> , 2019, 32, 395-408.	1.8	8
4	Advances in the Chemical Biology of Desferrioxamine B. <i>ACS Chemical Biology</i> , 2018, 13, 11-25.	1.6	62
5	Rubik's Cube of Siderophore Assembly Established from Mixed-Substrate Precursor-Directed Biosynthesis. <i>ACS Omega</i> , 2018, 3, 18160-18169.	1.6	5
6	Engineering a cleavable disulfide bond into a natural product siderophore using precursor-directed biosynthesis. <i>Chemical Communications</i> , 2018, 54, 9813-9816.	2.2	11
7	Exploiting the biosynthetic machinery of <i>Streptomyces pilosus</i> to engineer a water-soluble zirconium(IV) chelator. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5719-5730.	1.5	33
8	Reverse Biosynthesis: Generating Combinatorial Pools of Drug Leads from Enzyme-Mediated Fragmentation of Natural Products. <i>ChemBioChem</i> , 2017, 18, 368-373.	1.3	4
9	Dimeric and trimeric homo- and heteroleptic hydroxamic acid macrocycles formed using mixed-ligand Fe(III)-based metal-templated synthesis. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 344-351.	1.5	7