

Tomas Richardson-Sanchez

List of Publications by Year in descending order

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papers

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1478505

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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. ACS Synthetic Biology, 2020, 9, 1190-1200.	3.8	7
2	Exploring hydroxamic acid inhibitors of HDAC1 and HDAC2 using small molecule tools and molecular or homology modelling. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2581-2586.	2.2	2
3	Analogues of desferrioxamine B (DFOB) with new properties and new functions generated using precursor-directed biosynthesis. BioMetals, 2019, 32, 395-408.	4.1	8
4	Advances in the Chemical Biology of Desferrioxamine B. ACS Chemical Biology, 2018, 13, 11-25.	3.4	62
5	Rubikâ€™s Cube of Siderophore Assembly Established from Mixed-Substrate Precursor-Directed Biosynthesis. ACS Omega, 2018, 3, 18160-18169.	3.5	5
6	Engineering a cleavable disulfide bond into a natural product siderophore using precursor-directed biosynthesis. Chemical Communications, 2018, 54, 9813-9816.	4.1	11
7	Exploiting the biosynthetic machinery of Streptomyces pilosus to engineer a water-soluble zirconium(IV) chelator. Organic and Biomolecular Chemistry, 2017, 15, 5719-5730.	2.8	33
8	Reverse Biosynthesis: Generating Combinatorial Pools of Drug Leads from Enzyme-Mediated Fragmentation of Natural Products. ChemBioChem, 2017, 18, 368-373.	2.6	4
9	Dimeric and trimeric homo- and heteroleptic hydroxamic acid macrocycles formed using mixed-ligand Fe(III)-based metal-templated synthesis. Journal of Inorganic Biochemistry, 2017, 177, 344-351.	3.5	7