

# Tomas Richardson-Sanchez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6666723/publications.pdf>

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1478505

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docs citations

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165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in the Chemical Biology of Desferrioxamine B. ACS Chemical Biology, 2018, 13, 11-25.	3.4	62
2	Exploiting the biosynthetic machinery of <i>Streptomyces pilosus</i> to engineer a water-soluble zirconium( $\text{IV}$ ) chelator. Organic and Biomolecular Chemistry, 2017, 15, 5719-5730.	2.8	33
3	Engineering a cleavable disulfide bond into a natural product siderophore using precursor-directed biosynthesis. Chemical Communications, 2018, 54, 9813-9816.	4.1	11
4	Analogues of desferrioxamine B (DFOB) with new properties and new functions generated using precursor-directed biosynthesis. BioMetals, 2019, 32, 395-408.	4.1	8
5	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
6	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
7	Rubik's Cube of Siderophore Assembly Established from Mixed-Substrate Precursor-Directed Biosynthesis. ACS Omega, 2018, 3, 18160-18169.	3.5	5
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	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