

Michael P Gotsbacher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5818948/publications.pdf>

Version: 2024-02-01

17
papers

261
citations

1163117

8
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

388
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 Streptomyces pilosus to engineer a water-soluble zirconium(IV) chelator. Organic and Biomolecular Chemistry, 2017, 15, 5719-5730.	2.8	33
3	New Antimicrobial Bromotyrosine Analogues from the Sponge Pseudoceratina purpurea and Its Predator Tylodina corticalis. Marine Drugs, 2015, 13, 1389-1409.	4.6	30
4	Mixing Up the Pieces of the Desferrioxamine B Jigsaw Defines the Biosynthetic Sequence Catalyzed by DesD. ACS Chemical Biology, 2016, 11, 1452-1462.	3.4	28
5	Analogues of desferrioxamine B designed to attenuate iron-mediated neurodegeneration: synthesis, characterisation and activity in the MPTP-mouse model of Parkinson's disease. Metallomics, 2017, 9, 852-864.	2.4	23
6	Reverse Chemical Proteomics Identifies an Unanticipated Human Target of the Antimalarial Artesunate. ACS Chemical Biology, 2019, 14, 636-643.	3.4	22
7	Daptomycin, a last-resort antibiotic, binds ribosomal protein S19 in humans. Proteome Science, 2016, 15, 16.	1.7	12
8	endo-Hydroxamic Acid Monomers for the Assembly of a Suite of Non-native Dimeric Macrocyclic Siderophores Using Metal-Templated Synthesis. Inorganic Chemistry, 2019, 58, 13591-13603.	4.0	9
9	Analogues of desferrioxamine B (DFOB) with new properties and new functions generated using precursor-directed biosynthesis. BioMetals, 2019, 32, 395-408.	4.1	8
10	Improved Access to Linear Tetrameric Hydroxamic Acids with Potential as Radiochemical Ligands for Zirconium(IV)-89 PET Imaging. Australian Journal of Chemistry, 2020, , .	0.9	8
11	Preparation of a Dithiol-Reactive Probe for PET Imaging of Cell Death. Methods in Molecular Biology, 2019, 1967, 295-304.	0.9	6
12	Azido-Desferrioxamine Siderophores as Functional Click-Chemistry Probes Generated in Culture upon Adding a Diazo-Transfer Reagent. ChemBioChem, 2020, 21, 1433-1445.	2.6	6
13	Immobilized Metal Affinity Chromatography as a Drug Discovery Platform for Metalloenzyme Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 12116-12127.	6.4	6
14	Acetyl-CoA-Mediated Post-Biosynthetic Modification of Desferrioxamine B Generates N- and N-O-Acetylated Isomers Controlled by a pH Switch. ACS Chemical Biology, 2022, 17, 426-437.	3.4	4
15	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
16	A first-in-human study of [68Ga]Ga-CDI: a positron emitting radiopharmaceutical for imaging tumour cell death. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 4037-4047.	6.4	2
17	Adding a diazo-transfer reagent to culture to generate secondary metabolite probes for click chemistry. Methods in Enzymology, 2022, 665, 49-71.	1.0	0