

Michael P Gotsbacher

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Acetyl-CoA-Mediated Post-Biosynthetic Modification of Desferrioxamine B Generates <i>N</i> - and <i>N</i> - <i>O</i> -Acetylated Isomers Controlled by a pH Switch. <i>ACS Chemical Biology</i> , 2022, 17, 426-437.	3.4	4
2	Adding a diazo-transfer reagent to culture to generate secondary metabolite probes for click chemistry. <i>Methods in Enzymology</i> , 2022, 665, 49-71.	1.0	0
3	A first-in-human study of [68Ga]Ga-CDI: a positron emitting radiopharmaceutical for imaging tumour cell death. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 4037-4047.	6.4	2
4	Azido-Desferrioxamine Siderophores as Functional Click-Chemistry Probes Generated in Culture upon Adding a Diazo-Transfer Reagent. <i>ChemBioChem</i> , 2020, 21, 1433-1445.	2.6	6
5	Improved Access to Linear Tetrameric Hydroxamic Acids with Potential as Radiochemical Ligands for Zirconium(iv)-89 PET Imaging. <i>Australian Journal of Chemistry</i> , 2020, .	0.9	8
6	Immobilized Metal Affinity Chromatography as a Drug Discovery Platform for Metalloenzyme Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12116-12127.	6.4	6
7	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.	2.2	2
8	<i>endo</i> -Hydroxamic Acid Monomers for the Assembly of a Suite of Non-native Dimeric Macrocyclic Siderophores Using Metal-Templated Synthesis. <i>Inorganic Chemistry</i> , 2019, 58, 13591-13603.	4.0	9
9	Preparation of a Dithiol-Reactive Probe for PET Imaging of Cell Death. <i>Methods in Molecular Biology</i> , 2019, 1967, 295-304.	0.9	6
10	Reverse Chemical Proteomics Identifies an Unanticipated Human Target of the Antimalarial Artesunate. <i>ACS Chemical Biology</i> , 2019, 14, 636-643.	3.4	22
11	Analogues of desferrioxamine B (DFOB) with new properties and new functions generated using precursor-directed biosynthesis. <i>BioMetals</i> , 2019, 32, 395-408.	4.1	8
12	Advances in the Chemical Biology of Desferrioxamine B. <i>ACS Chemical Biology</i> , 2018, 13, 11-25.	3.4	62
13	Analogues of desferrioxamine B designed to attenuate iron-mediated neurodegeneration: synthesis, characterisation and activity in the MPTP-mouse model of Parkinson's disease. <i>Metallomics</i> , 2017, 9, 852-864.	2.4	23
14	Exploiting the biosynthetic machinery of <i>Streptomyces pilosus</i> to engineer a water-soluble zirconium(<i>iv</i>) chelator. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5719-5730.	2.8	33
15	Daptomycin, a last-resort antibiotic, binds ribosomal protein S19 in humans. <i>Proteome Science</i> , 2016, 15, 16.	1.7	12
16	Mixing Up the Pieces of the Desferrioxamine B Jigsaw Defines the Biosynthetic Sequence Catalyzed by DesD. <i>ACS Chemical Biology</i> , 2016, 11, 1452-1462.	3.4	28
17	New Antimicrobial Bromotyrosine Analogues from the Sponge <i>Pseudoceratina purpurea</i> and Its Predator <i>Tylodina corticalis</i> . <i>Marine Drugs</i> , 2015, 13, 1389-1409.	4.6	30