

# Matthew H Todd

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,660  
citations

236833

25  
h-index

197736

49  
g-index

70  
all docs

70  
docs citations

70  
times ranked

3993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020, 11, 2627-2639.	3.7	290
2	The past, present and future of anti-malarial medicines. <i>Malaria Journal</i> , 2019, 18, 93.	0.8	275
3	Open science is a research accelerator. <i>Nature Chemistry</i> , 2011, 3, 745-748.	6.6	187
4	A Synthetically Simple, Click-Generated Cyclam-Based Zinc(II) Sensor. <i>Inorganic Chemistry</i> , 2009, 48, 319-324.	1.9	158
5	A critical overview of computational approaches employed for COVID-19 drug discovery. <i>Chemical Society Reviews</i> , 2021, 50, 9121-9151.	18.7	128
6	Cyclam-Based "Clickates" Homogeneous and Heterogeneous Fluorescent Sensors for Zn(II). <i>Inorganic Chemistry</i> , 2010, 49, 3789-3800.	1.9	106
7	Facile synthesis of vicinal diamines via oxidation of N-phenyltetrahydroisoquinolines with DDQ. <i>Tetrahedron Letters</i> , 2009, 50, 1199-1202.	0.7	105
8	Catalytic Asymmetric Additions of Carbon-Centered Nucleophiles to Nitrogen-Containing Aromatic Heterocycles. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5935-5942.	1.2	102
9	Activity of Praziquantel Enantiomers and Main Metabolites against <i>Schistosoma mansoni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5466-5472.	1.4	85
10	Resolution of Praziquantel. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1260.	1.3	74
11	An oxidative carbon-carbon bond-forming reaction proceeds via an isolable iminium ion. <i>Pure and Applied Chemistry</i> , 2011, 83, 655-665.	0.9	72
12	Open Source Drug Discovery: Highly Potent Antimalarial Compounds Derived from the Tres Cantos Arylpyrroles. <i>ACS Central Science</i> , 2016, 2, 687-701.	5.3	68
13	A Click Fluorophore Sensor that Can Distinguish Cu <sup>II</sup> and Hg <sup>II</sup> via Selective Anion-Induced Demetallation. <i>Chemistry - A European Journal</i> , 2011, 17, 2850-2858.	1.7	65
14	Nonclassical Phenyl Bioisosteres as Effective Replacements in a Series of Novel Open-Source Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 11585-11601.	2.9	60
15	Nontoxic Metal-Cyclam Complexes, a New Class of Compounds with Potency against Drug-Resistant <i>Mycobacterium tuberculosis</i> . <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5917-5921.	2.9	42
16	Reversing the Triazole Topology in a Cyclam-Triazole-Dye Ligand Gives a 10-Fold Brighter Signal Response to Zn <sup>2+</sup> in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5611-5615.	1.0	41
17	Target 2035 "update on the quest for a probe for every protein. <i>RSC Medicinal Chemistry</i> , 2022, 13, 13-21.	1.7	39
18	Experimentally Validated Pharmacoinformatics Approach to Predict hERG Inhibition Potential of New Chemical Entities. <i>Frontiers in Pharmacology</i> , 2018, 9, 1035.	1.6	38

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19	Copper, Nickel, and Zinc Cyclamâ€‘Amino Acid and Cyclamâ€‘Peptide Complexes May Be Synthesized with â€‘Clickâ€‘Chemistry and Are Noncytotoxic. <i>Inorganic Chemistry</i> , 2011, 50, 12823-12835.	1.9	35
20	Open source drug discovery â€‘ A limited tutorial. <i>Parasitology</i> , 2014, 141, 148-157.	0.7	35
21	Responsive Metal Complexes: A Clickâ€‘Based â€‘Allosteric Scorpionateâ€‘Complex Permits the Detection of a Biological Recognition Event by EPR/ENDOR Spectroscopy. <i>Chemistry - A European Journal</i> , 2009, 15, 3720-3728.	1.7	34
22	Nâ€‘Aryl Groups Are Ubiquitous in Crossâ€‘Dehydrogenative Couplings Because They Stabilize Reactive Intermediates. <i>Chemistry - A European Journal</i> , 2017, 23, 9313-9318.	1.7	34
23	Antitubercular Bis-Substituted Cyclam Derivatives: Structureâ€‘Activity Relationships and in Vivo Studies. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3595-3608.	2.9	33
24	The First Catalytic, Enantioselective Azaâ€‘Henry Reaction of an Unactivated Cyclic Imine. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2954-2958.	2.1	30
25	Addressing the most neglected diseases through an open research model: The discovery of fenarimols as novel drug candidates for eumycetoma. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006437.	1.3	29
26	There is no market for new antibiotics:â€‘this allows an open approach toâ€‘researchâ€‘andâ€‘development. <i>Wellcome Open Research</i> , 2021, 6, 146.	0.9	27
27	Efficient deprotection of <i>F</i> -BODIPY derivatives: removal of BF <sub>2</sub> using Brønsted acids. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 37-41.	1.3	26
28	An open source pharma roadmap. <i>PLoS Medicine</i> , 2017, 14, e1002276.	3.9	26
29	A Fluorescent â€‘Allosteric Scorpionateâ€‘Complex Visualizes a Biological Recognition Event. <i>ChemBioChem</i> , 2013, 14, 224-229.	1.3	24
30	Experiences with a researcher-centric ELN. <i>Chemical Science</i> , 2015, 6, 1614-1629.	3.7	24
31	Enhancing the usefulness of cross dehydrogenative coupling reactions with a removable protecting group. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4921.	1.5	22
32	Easy-To-Synthesize Spirocyclic Compounds Possess Remarkable in Vivo Activity against <i>Mycobacterium tuberculosis</i> . <i>Journal of Medicinal Chemistry</i> , 2018, 61, 11327-11340.	2.9	22
33	CACHE (Critical Assessment of Computational Hit-finding Experiments): A publicâ€‘private partnership benchmarking initiative to enable the development of computational methods for hit-finding. <i>Nature Reviews Chemistry</i> , 2022, 6, 287-295.	13.8	22
34	Neuroprotective peptideâ€‘macrocycle conjugates reveal complex structureâ€‘activity relationships in their interactions with amyloid Î². <i>Metallomics</i> , 2014, 6, 1931-1940.	1.0	20
35	Six Laws of Open Source Drug Discovery. <i>ChemMedChem</i> , 2019, 14, 1804-1809.	1.6	20
36	Screening the pandemic response box identified benzimidazole carbamates, Olorofim and ravuconazole as promising drug candidates for the treatment of eumycetoma. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010159.	1.3	20

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37	The C <sub>6</sub> H <sub>6</sub> NMR repository: An integral solution to control the flow of your data from the magnet to the public. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 520-528.	1.1	19
38	Open science approaches to COVID-19. <i>F1000Research</i> , 2020, 9, 1043.	0.8	19
39	Synthesis and Evaluation of 1,8-Disubstituted Cyclam/Naphthalimide Conjugates as Probes for Metal Ions. <i>ChemistryOpen</i> , 2016, 5, 375-385.	0.9	18
40	Aza-Henry Reactions of 3,4-Dihydroisoquinoline. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5980-5988.	1.2	15
41	Efficient Synthesis and Anti-Tubercular Activity of a Series of Spirocycles: An Exercise in Open Science. <i>PLoS ONE</i> , 2014, 9, e111782.	1.1	14
42	Incorporation of Bulky and Cationic Cyclam-Triazole Moieties into Marimastat Can Generate Potent MMP Inhibitory Activity without Inducing Cytotoxicity. <i>ChemistryOpen</i> , 2013, 2, 99-105.	0.9	12
43	Using Click Chemistry to Tune the Properties and the Fluorescence Response Mechanism of Structurally Similar Probes for Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 58-66.	1.0	11
44	Molecular Switches for any pH: A Systematic Study of the Versatile Coordination Behaviour of Cyclam Scorpionands. <i>Chemistry - A European Journal</i> , 2018, 24, 1573-1585.	1.7	11
45	Incorporating a Piperidinyl Group in the Fluorophore Extends the Fluorescence Lifetime of Click-Derived Cyclam-Naphthalimide Conjugates. <i>PLoS ONE</i> , 2014, 9, e100761.	1.1	11
46	Open access and open source in chemistry. <i>Chemistry Central Journal</i> , 2007, 1, 3.	2.6	10
47	Molecular Docking with Open Access Software: Development of an Online Laboratory Handbook and Remote Workflow for Chemistry and Pharmacy Master's Students to Undertake Computer-Aided Drug Design. <i>Journal of Chemical Education</i> , 2021, 98, 2899-2905.	1.1	10
48	Polyamide-Scorpion Cyclam Lexitropsins Selectively Bind AT-Rich DNA Independently of the Nature of the Coordinated Metal. <i>PLoS ONE</i> , 2011, 6, e17446.	1.1	9
49	A direct method for the <i>N</i> -tetraalkylation of azamacrocycles. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2457-2461.	1.3	8
50	An Open Drug Discovery Competition: Experimental Validation of Predictive Models in a Series of Novel Antimalarials. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16450-16463.	2.9	8
51	Selective Displacement of a Scorpionand Triazole Ligand from Metallocyclam Complexes Visualised with NMR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1075-1086.	1.0	4
52	<i>tele</i> -Substitution Reactions in the Synthesis of a Promising Class of 1,2,4-Triazolo[4,3- <i>a</i> ]pyrazine-Based Antimalarials. <i>Journal of Organic Chemistry</i> , 2020, 85, 13438-13452.	1.7	4
53	Platinum binding preferences dominate the binding of novel polyamide amidine anthraquinone platinum( <sup>II</sup> ) complexes to DNA. <i>Dalton Transactions</i> , 2021, 50, 17945-17952.	1.6	2
54	A Treasure Hunt for Chemistry. <i>Journal of Chemical Education</i> , 2011, 88, 437-439.	1.1	0

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55	Copper(II) complexes of <i>N</i> -propargyl cyclam ligands reveal a range of coordination modes and colours, and unexpected reactivity. Dalton Transactions, 2021, 50, 3931-3942.	1.6	0