Matthew H Todd

List of Publications by Year
in descending order

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	Target 2035 â€“ update on the quest for a probe for every protein. RSC Medicinal Chemistry, 2022, 13, 13-21.	1.7	39
2	Screening the pandemic response box identified benzimidazole carbamates, Olorofim and ravuconazole as promising drug candidates for the treatment of eumycetoma. PLoS Neglected Tropical Diseases, 2022, 16, e0010159.	1.3	20
3	CACHE (Critical Assessment of Computational Hit-finding Experiments): A publicâ€“private partnership benchmarking initiative to enable the development of computational methods for hit-finding. Nature Reviews Chemistry, 2022, 6, 287-295.	13.8	22
4	Copper(<scp>ii</scp>) complexes of N-propargyl cyclam ligands reveal a range of coordination modes and colours, and unexpected reactivity. Dalton Transactions, 2021, 50, 3931-3942.	1.6	0
5	There is no market for new antibiotics:Âthis allows an open approach toÂresearchÂandÂdevelopment. Wellcome Open Research, 2021, 6, 146.	0.9	27
6	Molecular Docking with Open Access Software: Development of an Online Laboratory Handbook and Remote Workflow for Chemistry and Pharmacy Masterâ€™s Students to Undertake Computer-Aided Drug Design. Journal of Chemical Education, 2021, 98, 2899-2905.	1.1	10
7	A critical overview of computational approaches employed for COVID-19 drug discovery. Chemical Society Reviews, 2021, 50, 9121-9151.	18.7	128
8	An Open Drug Discovery Competition: Experimental Validation of Predictive Models in a Series of Novel Antimalarials. Journal of Medicinal Chemistry, 2021, 64, 16450-16463.	2.9	8
9	Platinum binding preferences dominate the binding of novel polyamide amidine anthraquinone platinum(<scp>ii</scp>) complexes to DNA. Dalton Transactions, 2021, 50, 17945-17952.	1.6	2
10	Nonclassical Phenyl Bioisosteres as Effective Replacements in a Series of Novel Open-Source Antimalarials. Journal of Medicinal Chemistry, 2020, 63, 11585-11601.	2.9	60
11	tele-Substitution Reactions in the Synthesis of a Promising Class of 1,2,4-Triazolo[4,3-a]pyrazine-Based Antimalarials. Journal of Organic Chemistry, 2020, 85, 13438-13452.	1.7	4
12	Metal complexes as a promising source for new antibiotics. Chemical Science, 2020, 11, 2627-2639.	3.7	290
13	Open science approaches to COVID-19. F1000Research, 2020, 9, 1043.	0.8	19
14	Six Laws of Open Source Drug Discovery. ChemMedChem, 2019, 14, 1804-1809.	1.6	20
15	The past, present and future of anti-malarial medicines. Malaria Journal, 2019, 18, 93.	0.8	275
16	Antitubercular Bis-Substituted Cyclam Derivatives: Structureâ€“Activity Relationships and in Vivo Studies. Journal of Medicinal Chemistry, 2018, 61, 3595-3608.	2.9	33
17	Molecular Switches for any pH: A Systematic Study of the Versatile Coordination Behaviour of Cyclam Scorpionands. Chemistry - A European Journal, 2018, 24, 1573-1585.	1.7	11
18	Easy-To-Synthesize Spirocyclic Compounds Possess Remarkable in Vivo Activity against Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2018, 61, 11327-11340.	2.9	22

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19	Experimentally Validated Pharmacoinformatics Approach to Predict hERG Inhibition Potential of New Chemical Entities. Frontiers in Pharmacology, 2018, 9, 1035.	1.6	38
20	Addressing the most neglected diseases through an open research model: The discovery of fenarimols as novel drug candidates for eumycetoma. PLoS Neglected Tropical Diseases, 2018, 12, e0006437.	1.3	29
21	The C6H6 NMR repository: An integral solution to control the flow of your data from the magnet to the public. Magnetic Resonance in Chemistry, 2018, 56, 520-528.	1.1	19
22	Selective Displacement of a Scorpionand Triazole Ligand from Metallocyclam Complexes Visualised with NMR Spectroscopy. European Journal of Inorganic Chemistry, 2017, 2017, 1075-1086.	1.0	4
23	Nâ€Aryl Groups Are Ubiquitous in Crossâ€Dehydrogenative Couplings Because They Stabilize Reactive Intermediates. Chemistry - A European Journal, 2017, 23, 9313-9318.	1.7	34
24	An open source pharma roadmap. PLoS Medicine, 2017, 14, e1002276.	3.9	26
25	A direct method for the N-tetraalkylation of azamacrocycles. Beilstein Journal of Organic Chemistry, 2016, 12, 2457-2461.	1.3	8
26	Nontoxic Metalâ€“Cyclam Complexes, a New Class of Compounds with Potency against Drug-Resistant Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2016, 59, 5917-5921.	2.9	42
27	Synthesis and Evaluation of 1,8â€Disubstitutedâ€Cyclam/Naphthalimide Conjugates as Probes for Metal Ions. ChemistryOpen, 2016, 5, 375-385.	0.9	18
28	Open Source Drug Discovery: Highly Potent Antimalarial Compounds Derived from the Tres Cantos Arylpyrroles. ACS Central Science, 2016, 2, 687-701.	5.3	68
29	Efficient deprotection of F-BODIPY derivatives: removal of BF₂ using BrÃ¸nsted acids. Beilstein Journal of Organic Chemistry, 2015, 11, 37-41.	1.3	26
30	Using Click Chemistry to Tune the Properties and the Fluorescence Response Mechanism of Structurally Similar Probes for Metal Ions. European Journal of Inorganic Chemistry, 2015, 2015, 58-66.	1.0	11
31	Experiences with a researcher-centric ELN. Chemical Science, 2015, 6, 1614-1629.	3.7	24
32	Neuroprotective peptideâ€“macrocycle conjugates reveal complex structureâ€“activity relationships in their interactions with amyloid Î². Metallomics, 2014, 6, 1931-1940.	1.0	20
33	Activity of Praziquantel Enantiomers and Main Metabolites against Schistosoma mansoni. Antimicrobial Agents and Chemotherapy, 2014, 58, 5466-5472.	1.4	85
34	Open source drug discovery â€“ A limited tutorial. Parasitology, 2014, 141, 148-157.	0.7	35
35	Incorporating a Piperidinyl Group in the Fluorophore Extends the Fluorescence Lifetime of Click-Derived Cyclam-Naphthalimide Conjugates. PLoS ONE, 2014, 9, e100761.	1.1	11
36	Efficient Synthesis and Anti-Tubercular Activity of a Series of Spirocycles: An Exercise in Open Science. PLoS ONE, 2014, 9, e111782.	1.1	14

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37	Enhancing the usefulness of cross dehydrogenative coupling reactions with a removable protecting group. Organic and Biomolecular Chemistry, 2013, 11, 4921.	1.5	22
38	A Fluorescent â€œAllosteric Scorpionandâ€•Complex Visualizes a Biological Recognition Event. ChemBioChem, 2013, 14, 224-229.	1.3	24
39	Incorporation of Bulky and Cationic Cyclamâ€Triazole Moieties into Marimastat Can Generate Potent MMP Inhibitory Activity without Inducing Cytotoxicity. ChemistryOpen, 2013, 2, 99-105.	0.9	12
40	The First Catalytic, Enantioselective Azaâ€Henry Reaction of an Unactivated Cyclic Imine. Advanced Synthesis and Catalysis, 2012, 354, 2954-2958.	2.1	30
41	Reversing the Triazole Topology in a Cyclamâ€Triazoleâ€Dye Ligand Gives a 10â€Fold Brighter Signal Response to Zn²⁺ in Aqueous Solution. European Journal of Inorganic Chemistry, 2012, 2012, 5611-5615.	1.0	41
42	Open science is a research accelerator. Nature Chemistry, 2011, 3, 745-748.	6.6	187
43	A Treasure Hunt for Chemistry. Journal of Chemical Education, 2011, 88, 437-439.	1.1	0
44	Copper, Nickel, and Zinc Cyclamâ€“Amino Acid and Cyclamâ€“Peptide Complexes May Be Synthesized with â€œClickâ€•Chemistry and Are Noncytotoxic. Inorganic Chemistry, 2011, 50, 12823-12835.	1.9	35
45	An oxidative carbonâ€“carbon bond-forming reaction proceeds via an isolable iminium ion. Pure and Applied Chemistry, 2011, 83, 655-665.	0.9	72
46	A Click Fluorophore Sensor that Can Distinguish Cu^{II} and Hg^{II} via Selective Anionâ€Induced Demetallation. Chemistry - A European Journal, 2011, 17, 2850-2858.	1.7	65
47	Resolution of Praziquantel. PLoS Neglected Tropical Diseases, 2011, 5, e1260.	1.3	74
48	Polyamide-Scorpion Cyclam Lexitropsins Selectively Bind AT-Rich DNA Independently of the Nature of the Coordinated Metal. PLoS ONE, 2011, 6, e17446.	1.1	9
49	Catalytic Asymmetric Additions of Carbonâ€Centered Nucleophiles to Nitrogenâ€Containing Aromatic Heterocycles. European Journal of Organic Chemistry, 2010, 2010, 5935-5942.	1.2	102
50	Azaâ€Henry Reactions of 3,4â€Dihydroisoquinoline. European Journal of Organic Chemistry, 2010, 2010, 5980-5988.	1.2	15
51	Cyclam-Based â€œClickatesâ€• Homogeneous and Heterogeneous Fluorescent Sensors for Zn(II). Inorganic Chemistry, 2010, 49, 3789-3800.	1.9	106
52	Responsive Metal Complexes: A Clickâ€Based â€œAllosteric Scorpionateâ€•Complex Permits the Detection of a Biological Recognition Event by EPR/ENDOR Spectroscopy. Chemistry - A European Journal, 2009, 15, 3720-3728.	1.7	34
53	Facile synthesis of vicinal diamines via oxidation of N-phenyltetrahydroisoquinolines with DDQ. Tetrahedron Letters, 2009, 50, 1199-1202.	0.7	105
54	A Synthetically Simple, Click-Generated Cyclam-Based Zinc(II) Sensor. Inorganic Chemistry, 2009, 48, 319-324.	1.9	158

#	Article	IF	Citations
55	Open access and open source in chemistry. Chemistry Central Journal, 2007, 1, 3.	2.6	10