

Thomas B Faust

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,095
citations

471371

17
h-index

713332

21
g-index

23
all docs

23
docs citations

23
times ranked

1864
citing authors

#	ARTICLE	IF	CITATIONS
1	Linking heterometallic rings for quantum information processing and amusement. <i>Chemical Society Reviews</i> , 2011, 40, 3067.	18.7	197
2	Octanuclear Cubic Coordination Cages. <i>Journal of the American Chemical Society</i> , 2008, 130, 15167-15175.	6.6	172
3	Controlling charge separation in a novel donor-acceptor metal-organic framework via redox modulation. <i>Chemical Science</i> , 2014, 5, 4724-4728.	3.7	145
4	Radicals in metal-organic frameworks. <i>RSC Advances</i> , 2014, 4, 17498-17512.	1.7	112
5	Enhancing selective CO ₂ adsorption via chemical reduction of a redox-active metal-organic framework. <i>Dalton Transactions</i> , 2013, 42, 9831.	1.6	64
6	Synthesis, Structure, and Dynamic Properties of Hybrid Organic-Inorganic Rotaxanes. <i>Journal of the American Chemical Society</i> , 2010, 132, 15435-15444.	6.6	56
7	MOFs move to market. <i>Nature Chemistry</i> , 2016, 8, 990-991.	6.6	47
8	Propagation of Spin Information at the Supramolecular Scale through Heteroaromatic Linkers. <i>Physical Review Letters</i> , 2011, 106, 227205.	2.9	41
9	Electronic, Optical, and Computational Studies of a Redox-Active Naphthalenediimide-Based Coordination Polymer. <i>Inorganic Chemistry</i> , 2013, 52, 14246-14252.	1.9	37
10	Experimental and Computational Studies of a Multi-Electron Donor-Acceptor Ligand Containing the Thiazolo[5,4-d]thiazole Core and its Incorporation into a Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2014, 20, 17597-17605.	1.7	35
11	Exploiting stable radical states for multifunctional properties in triarylamine-based porous organic polymers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12466-12474.	5.2	33
12	Chemical Control of Spin Propagation between Heterometallic Rings. <i>Chemistry - A European Journal</i> , 2011, 17, 14020-14030.	1.7	27
13	Proton NMR Study of Cr-Co Heterometallic Wheel Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 9811-9818.	1.9	20
14	Caesium ion sequestration by a fluoro-metallocrown [16]-MC-8. <i>Chemical Communications</i> , 2010, 46, 6258.	2.2	19
15	Controlling magnetic communication through aromatic bridges by variation in torsion angle. <i>Dalton Transactions</i> , 2012, 41, 13626.	1.6	18
16	The electronic, optical and magnetic consequences of delocalization in multifunctional donor-acceptor organic polymers. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11252-11259.	1.3	17
17	Highly unusual interpenetration isomers of electroactive nickel bis(dithiolene) coordination frameworks. <i>Chemical Communications</i> , 2014, 50, 12772-12774.	2.2	13
18	Photoactive and Physical Properties of an Azobenzene-Containing Coordination Framework. <i>Australian Journal of Chemistry</i> , 2017, 70, 1171.	0.5	8

#	ARTICLE	IF	CITATIONS
19	Amicable separations. Nature Methods, 2015, 12, 10-10.	9.0	2