

Matthias Bierenstiel

List of Publications by Year in descending order

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11
papers

254
citations

1307594

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1372567

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docs citations

11
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur-functionalized N-heterocyclic carbenes and their transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2011, 255, 574-590.	18.8	131
2	DIBI, a 3-hydroxypyridin-4-one chelator iron-binding polymer with enhanced antimicrobial activity. <i>MedChemComm</i> , 2018, 9, 1206-1212.	3.4	36
3	Î-Galactonolactone: Synthesis, Isolation, and Comparative Structure and Stability Analysis of an Elusive Sugar Derivative. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1474-1481.	2.4	29
4	Investigations into the selective oxidation of vicinal diols to Î±-hydroxy ketones with the NaBrO ₃ /NaHSO ₃ reagent: pH dependence, stoichiometry, substrates and origin of selectivity. <i>Tetrahedron</i> , 2005, 61, 4911-4917.	1.9	23
5	DFT and experimental study of the structure and vibrational spectra of 2-(benzylthio)-N-[pyridinylmethylidene]anilines. <i>Journal of Molecular Structure</i> , 2013, 1034, 29-37.	3.6	10
6	Periodic Universe: A Teaching Model for Understanding the Periodic Table of the Elements. <i>Journal of Chemical Education</i> , 2019, 96, 1367-1376.	2.3	10
7	Enhanced Fe ³⁺ binding through cooperativity of 3-hydroxypyridin-4-one groups within a linear co-polymer: wrapping effect leading to superior antimicrobial activity. <i>BioMetals</i> , 2020, 33, 339-351.	4.1	8
8	Binuclear ruthenium Î² ⁶ -arene complexes with tetradentate N,S-ligands containing the ortho-aminothiophenol motif. <i>Dalton Transactions</i> , 2014, 43, 3104-3113.	3.3	5
9	Acceleration of bromide mediated benzoylperoxide oxidations of secondary alcohols in aqueous organic solvents. <i>Tetrahedron Letters</i> , 2008, 49, 3199-3203.	1.4	1
10	A trinuclear palladium(II) complex containing N,S-coordinating 2-(benzylsulfanyl)anilide and 1,3-benzothiazole-2-thiolate ligands with a central square-planar Pd ₃ motif. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 23-27.	0.5	1
11	Structure and spectroscopic properties of N,S-coordinating 2-methylsulfanyl-N-[(1H-pyrrol-2-yl)methylidene]aniline methanol monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1136-1139.	0.5	0