

Christopher C Scarborough

List of Publications by Year in descending order

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623734

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Aerobic Oxidative Amination of Alkenes: Development of Intra- and Intermolecular Aza-Wacker Reactions. <i>Inorganic Chemistry</i> , 2007, 46, 1910-1923.	4.0	296
2	Electronic Structure of 2,2'-Bipyridine Organotransition-Metal Complexes. Establishing the Ligand Oxidation Level by Density Functional Theoretical Calculations. <i>Inorganic Chemistry</i> , 2011, 50, 9773-9793.	4.0	161
3	Electronic and Molecular Structures of the Members of the Electron Transfer Series [Cr(^t bpy) ₃] ⁿ (<i>n</i> = 3+, 2+, 1+, 0): An X-ray Absorption Spectroscopic and Density Functional Theoretical Study. <i>Inorganic Chemistry</i> , 2011, 50, 12446-12462.	4.0	142
4	Experimental Fingerprints for Redox-Active Terpyridine in [Cr(tpy) ₂](PF ₆) ₃ (<i>n</i> = 3+), and the Remarkable Electronic Structure of [Cr(tpy) ₂] ¹⁺ . <i>Inorganic Chemistry</i> , 2012, 51, 3718-3732.	4.0	125
5	PdII Complexes Possessing a Seven-Membered N-Heterocyclic Carbene Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5269-5272.	13.8	107
6	Synthesis of Pyrrolidines via Palladium(II)-Catalyzed Aerobic Oxidative Carboamination of Butyl Vinyl Ether and Styrenes with Allyl Tosylamides. <i>Organic Letters</i> , 2006, 8, 3251-3254.	4.6	105
7	Electronic Structures of the Electron Transfer Series [M(bpy) ₃] ⁿ , [M(tpy) ₂] ⁿ , and [Fe(^t bpy) ₃] ⁿ (M = Fe, Ru; <i>n</i> = 3+, 2+, 1+, 0): A Mössbauer Spectroscopic and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4605-4621.	2.0	87
8	Development of 7-membered N-heterocyclic carbene ligands for transition metals. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 6143-6155.	1.8	86
9	Synthesis of PdII complexes bearing an enantiomerically resolved seven-membered N-heterocyclic carbene ligand and initial studies of their use in asymmetric Wacker-type oxidative cyclization reactions. <i>Tetrahedron</i> , 2009, 65, 5084-5092.	1.9	85
10	Scrutinizing Low-Spin Cr(II) Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 6969-6982.	4.0	55
11	Steric Modulation of Chiral Biaryl Diamines via Pd-Catalyzed Directed C-H Arylation. <i>Journal of Organic Chemistry</i> , 2009, 74, 2613-2615.	3.2	34
12	Hydrogen Peroxide Complex of Zinc. <i>Journal of the American Chemical Society</i> , 2015, 137, 14606-14609.	13.7	34
13	Synthesis and Catalytic Reactivity of a Dicopper(II) $\frac{1}{4}$ - $\frac{1}{2}$ -Peroxo Species Supported by 1,4,7-Tri- <i>tert</i> -butyl-1,4,7-triazacyclononane. <i>Inorganic Chemistry</i> , 2016, 55, 1102-1107.	4.0	30
14	Hydrogen Peroxide Coordination to Cobalt(II) Facilitated by Second-Sphere Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11902-11906.	13.8	20
15	Coordination of Hydrogen Peroxide with Late-Transition-Metal Sulfonamido Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 4841-4848.	4.0	12
16	An Electrochemical Flow-Through Cell for Rapid Reactions. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7321-7326.	3.7	12
17	Molecular and Electronic Structures and Single-Molecule Magnet Behavior of Tris(thioether) Iron Complexes Containing Redox-Active \pm -Diimine Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 6480-6491.	4.0	11
18	Synthesis of Previously Inaccessible Derivatives of 1,4,7-Tri- <i>tert</i> -butyl-1,4,7-triazacyclononane, Including Chiral Examples, and a Rapid Synthesis of the HCl Salts of H ₃ tacn and H ₄ dtne. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6876-6889.	2.4	10

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19	Heterotrimetallic sandwich complexes supported by sulfonamido ligands. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 142-149.	6.0	7
20	An investigation of the electron density of a Jahn-Teller-distorted Cr ^{II} cation: the crystal structure and charge density of hexakis(acetonitrile- <i>Î</i> ^ρ <i><i>N</i></i>)chromium(II) bis(tetraphenylborate) acetonitrile disolvate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 936-943.	0.5	6
21	Hydrogen Peroxide Coordination to Cobalt(II) Facilitated by Second-Sphere Hydrogen Bonding. <i>Angewandte Chemie</i> , 2016, 128, 12081-12085.	2.0	2