

Brian S Dolinar

List of Publications by Year in descending order

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papers

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623734

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29
all docs

29
docs citations

29
times ranked

1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide Triangles Supported by Radical Bridging Ligands. <i>Journal of the American Chemical Society</i> , 2018, 140, 908-911.	13.7	100
2	An air stable radical-bridged dysprosium single molecule magnet and its neutral counterpart: redox switching of magnetic relaxation dynamics. <i>Chemical Communications</i> , 2017, 53, 2283-2286.	4.1	80
3	Hexagonal Bipyramidal Dy(III) Complexes as a Structural Archetype for Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2019, 58, 2610-2617.	4.0	60
4	Putting a New Spin on Supramolecular Metallacycles: Co ₃ Triangle and Co ₄ Square Bearing Tetrazine-Based Radicals as Bridges. <i>Journal of the American Chemical Society</i> , 2017, 139, 11040-11043.	13.7	47
5	Heterogeneous H-Bonding in a Foldamer Helix. <i>Journal of the American Chemical Society</i> , 2015, 137, 6484-6487.	13.7	43
6	Structurally Diverse Diazafluorene-Ligated Palladium(II) Complexes and Their Implications for Aerobic Oxidation Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 4869-4880.	13.7	43
7	Enforcing Ising-like magnetic anisotropy via trigonal distortion in the design of a W _v Co _{ii} cyanide single-chain magnet. <i>Chemical Science</i> , 2018, 9, 119-124.	7.4	40
8	Tunable Rh ₂ (II,II) Light Absorbers as Excited-State Electron Donors and Acceptors Accessible with Red/Near-Infrared Irradiation. <i>Journal of the American Chemical Society</i> , 2018, 140, 5161-5170.	13.7	31
9	Strong Ferromagnetic Exchange Coupling Mediated by a Bridging Tetrazine Radical in a Dinuclear Nickel Complex. <i>Inorganic Chemistry</i> , 2017, 56, 12094-12097.	4.0	29
10	Synthesis and High Solid-State Fluorescence of Cyclic Silole Derivatives. <i>Organometallics</i> , 2015, 34, 78-85.	2.3	20
11	Lewis Acid Enhanced Axial Ligation of [Mo ₂] ⁴⁺ Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 4658-4667.	4.0	18
12	Electronic Structure of Ru ₂ (II,II) Oxypyridinates: Synthetic, Structural, and Theoretical Insights into Axial Ligand Binding. <i>Inorganic Chemistry</i> , 2015, 54, 8571-8589.	4.0	17
13	Hard versus soft: zero-field dinuclear Dy _{iii} oxygen bridged SMM and theoretical predictions of the sulfur and selenium analogues. <i>Dalton Transactions</i> , 2019, 48, 2872-2876.	3.3	17
14	AEE-active cyclic tetraphenylsilole derivatives with ~100% solid-state fluorescence quantum efficiency. <i>Dalton Transactions</i> , 2015, 44, 12970-12975.	3.3	16
15	Synthesis and Characterization of a Binuclear Copper(II) Naphthoisoamethyrin Complex Displaying Weak Antiferromagnetic Coupling. <i>Inorganic Chemistry</i> , 2017, 56, 12665-12669.	4.0	13
16	High solid-state fluorescence in ring-shaped AEE-active tetraphenylsilole derivatives. <i>Chemical Communications</i> , 2014, 50, 12714-12717.	4.1	12
17	Ring-shaped Silafluorene Derivatives as Efficient Solid-State UV-Fluorophores: Synthesis, Characterization, and Photoluminescent Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 14040-14050.	3.3	10
18	Photochemical synthesis of a zirconium cyclobutadienyl complex. <i>Chemical Communications</i> , 2020, 56, 5397-5400.	4.1	10

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19	Transformations of spirogermabifluorene upon reduction with alkali metals. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 458-461.	1.8	9
20	Influence of Lewis acid charge and proximity in Mo Mo $\hat{=}$ M linear chain compounds with M = Na ⁺ , Ca ²⁺ , Sr ²⁺ , and Y ³⁺ . <i>Polyhedron</i> , 2016, 103, 71-78.	2.2	9
21	Electronic tuning of Mo ₂ (thioamidate) ₄ complexes through π -system substituents and cis/trans isomerism. <i>Dalton Transactions</i> , 2014, 43, 6165-6176.	3.3	8
22	Aerobic Oxidation Reactivity of Well-Defined Cobalt(II) and Cobalt(III) Aminophenol Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 6008-6016.	4.0	8
23	K ₃ [Mo ₂ (SNO ₅) ₄ Cl] ₃ [Mo ₂ (SNO ₅) ₄]: the first example of a heterometallic extended metal atom node (HEMAN). <i>Dalton Transactions</i> , 2016, 45, 17602-17605.	3.3	6
24	A Co ₈ metallacycle stabilized by double anion $\hat{=}$ π interactions. <i>Chemical Communications</i> , 2019, 55, 12356-12359.	4.1	6
25	A cyanide-bridged wheel featuring a seven-coordinate Mo(\langle scp \rangle) center. <i>Chemical Communications</i> , 2019, 55, 2098-2101.	4.1	6
26	Effects of 2,6-dichlorophenyl Substituents on the Coordination Chemistry of Pyridine Dipyrroliide Iron Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1503-1517.	1.2	5
27	Positional and compositional disorder in a ruthenium(II) piano-stool complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 847-850.	0.4	2
28	A chiral diamine: practical implications of a three-stereoisomer cocrystallization. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 54-61.	0.5	2