

Jakub J Zakrzewski

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

653
citations

777949

13
h-index

799663

21
g-index

23
all docs

23
docs citations

23
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular cis- β -Bis(Chelation)-of $[M(CN)_6]^{3-}$ ($M = CrIII, FeIII, CoIII$) by Phloroglucinol (H3PG). <i>Molecules</i> , 2022, 27, 4111.	1.7	1
2	Holmium(III) molecular nanomagnets for optical thermometry exploring the luminescence re-absorption effect. <i>Chemical Science</i> , 2021, 12, 730-741.	3.7	46
3	Diverse physical functionalities of rare-earth hexacyanidometallate frameworks and their molecular analogues. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 452-483.	3.0	38
4	SHG-active NIR-emissive molecular nanomagnets generated in layered neodymium(III)-octacyanidometallate(IV) frameworks. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10705-10717.	2.7	15
5	Reversible Humidity-Driven Transformation of a Bimetallic $\{EuCo\}$ Molecular Material: Structural, Sorption, and Photoluminescence Studies. <i>Molecules</i> , 2021, 26, 1102.	1.7	1
6	Solvent- and Temperature-Driven Photoluminescence Modulation in Porous Hofmann-Type Sr_{II} - Re_V -Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021, 60, 4093-4107.	1.9	10
7	The ON-OFF switching of thermal spin crossover by interstitial solvent exchange in a layered Re_{CN} - $Fell$ coordination framework. <i>Journal of Applied Physics</i> , 2021, 129, 143902.	1.1	4
8	Exploring α -Triazole-Thiourea-Based Ligands for the Self-Assembly of Photoluminescent $Hg(II)$ Coordination Compounds. <i>Crystal Growth and Design</i> , 2021, 21, 3562-3581.	1.4	5
9	Incorporation of expanded organic cations in dysprosium(III) borohydrides for achieving luminescent molecular nanomagnets. <i>Scientific Reports</i> , 2021, 11, 11354.	1.6	3
10	Near-Infrared Emissive Cyanido-Bridged $\{YbFe_2\}$ Molecular Nanomagnets Sensitive to the Nitrile Solvents of Crystallization. <i>Magnetochemistry</i> , 2021, 7, 79.	1.0	7
11	Tunable magnetic anisotropy in luminescent cyanido-bridged $\{Dy_2Pt_3\}$ molecules incorporating heteroligand Pt_{IV} linkers. <i>Dalton Transactions</i> , 2021, 50, 16242-16253.	1.6	5
12	Combined Experimental and Ab Initio Methods for Rationalization of Magneto-Luminescent Properties of Yb_{III} Nanomagnets Embedded in Cyanido/Thiocyanidometallate-Based Crystals. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10558-10566.	2.1	11
13	Europium(III) Photoluminescence Governed by d_8-d_{10} Heterometallophilic Interactions in Trimetallic Cyanido-Bridged Coordination Frameworks. <i>Inorganic Chemistry</i> , 2020, 59, 1393-1404.	1.9	25
14	Octacyanidometallates for multifunctional molecule-based materials. <i>Chemical Society Reviews</i> , 2020, 49, 5945-6001.	18.7	100
15	Proton Conductive Luminescent Thermometer Based on Near-Infrared Emissive $\{YbCo_2\}$ Molecular Nanomagnets. <i>Journal of the American Chemical Society</i> , 2020, 142, 3970-3979.	6.6	106
16	Near-infrared emissive $Er(\text{III})$ and $Yb(\text{III})$ molecular nanomagnets in metal-organic chains functionalized by octacyanidometallates(IV). <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2423-2434.	3.0	38
17	Dehydration-Hydration Switching of Single-Molecule Magnet Behavior and Visible Photoluminescence in a Cyanido-Bridged $DyIII/CoIII$ Framework. <i>Journal of the American Chemical Society</i> , 2019, 141, 18211-18220.	6.6	93
18	Multi-colour uranyl emission efficiently tuned by hexacyanidometallates within hybrid coordination frameworks. <i>Chemical Communications</i> , 2019, 55, 3057-3060.	2.2	29

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19	Photoluminescent Lanthanide(III) Single-Molecule Magnets in Three-Dimensional Polycyanidocuprate(I)-Based Frameworks. <i>Chemistry - A European Journal</i> , 2019, 25, 11820-11825.	1.7	44
20	In Situ Ligand Transformation for Two-Step Spin Crossover in $\text{Fe}^{\text{II}}[\text{MIV}(\text{CN})_8]_4$ (M = Mo, Nb) Cyanido-Bridged Frameworks. <i>Inorganic Chemistry</i> , 2019, 58, 6052-6063.	1.9	24
21	Humidity driven molecular switch based on photoluminescent $\text{Dy}^{\text{III}}\text{Co}^{\text{III}}$ single-molecule magnets. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4164-4172.	2.7	35
22	Incorporation of hexacyanidoferrate(III) ion in photoluminescent trimetallic $\text{Eu}(\text{3-pyridone})[\text{Co}_x\text{Fe}_x(\text{CN})_6]$ chains exhibiting tunable visible light absorption and emission properties. <i>CrystEngComm</i> , 2018, 20, 5695-5706.	1.3	13