

Dmitri Mitcov

List of Publications by Year in descending order

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14
papers

392
citations

1040056

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1058476

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16
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16
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	A face-capped [Fe ₄ L ₄] ⁸⁺ spin crossover tetrahedral cage. <i>Chemical Communications</i> , 2013, 49, 1597.	4.1	89
2	Coherent Manipulation of a Molecular Ln-Based Nuclear Qudit Coupled to an Electron Qubit. <i>Journal of the American Chemical Society</i> , 2018, 140, 9814-9818.	13.7	86
3	Steric and Electronic Control of the Spin State in Three-Fold Symmetric, Four-Coordinate Iron(II) Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 13326-13332.	13.7	69
4	Atomic Scale Evidence of the Switching Mechanism in a Photomagnetic CoFe Dinuclear Prussian Blue Analogue. <i>Journal of the American Chemical Society</i> , 2019, 141, 3470-3479.	13.7	43
5	Molecular multifunctionality preservation upon surface deposition for a chiral single-molecule magnet. <i>Chemical Science</i> , 2019, 10, 3065-3073.	7.4	22
6	Hard X-ray magnetochiral dichroism in a paramagnetic molecular 4f complex. <i>Chemical Science</i> , 2020, 11, 8306-8311.	7.4	16
7	New bidimensional honeycomb Collâ€“FeIII and brick wall FeIIâ€“CoIII cyanido-bridged coordination polymers: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2014, 75, 146-152.	2.2	14
8	Large Orbital Magnetic Moment Measured in the [TpFe ^{III} (CN) ₃] ^{âˆ’} Precursor of Photomagnetic Molecular Prussian Blue Analogues. <i>Inorganic Chemistry</i> , 2016, 55, 6980-6987.	4.0	11
9	Functionalized Trigonal Lanthanide Complexes: A New Family of 4f Single-Ion Magnets. <i>Inorganic Chemistry</i> , 2020, 59, 16328-16340.	4.0	10
10	Lanthanide cryptate monometallic coordination complexes. <i>Dalton Transactions</i> , 2020, 49, 13557-13565.	3.3	10
11	Structural variation in cation-assisted assembly of high-nuclearity Mn arsonate and phosphonate wheels. <i>Dalton Transactions</i> , 2016, 45, 1349-1353.	3.3	9
12	Design of pure heterodinuclear lanthanoid cryptate complexes. <i>Chemical Science</i> , 2021, 12, 6983-6991.	7.4	9
13	[(VIVO) ₂ MII ₅] (M = Ni, Co) Anderson wheels. <i>Dalton Transactions</i> , 2021, 50, 12495-12501.	3.3	3
14	Photoconductive organic materials based on N-vinylcarbazole copolymers with higher alkenes as recording media in photonics. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 1840-1843.	3.1	1