Ie-Rang Jeon

List of Publications by Year
in descending order

40 papers	2,512 citations	304701 22 h-index	289230 40 g-index
43 all docs	43 docs citations	43 times ranked	2899 citing authors

#	Article	IF	Citations
1	Topochemical Polymerization of a Diacetylene in a Chalcogenâ€Bonded (ChB) Assembly. Angewandte Chemie - International Edition, 2022, 61, .	13.8	9
2	Strong Ïƒ â€Hole Activation on Icosahedral Carborane Derivatives for a Directional Halide Recognition. Angewandte Chemie, 2021, 133, 370-374.	2.0	4
3	StrongÏƒâ€Hole Activation on Icosahedral Carborane Derivatives for a Directional Halide Recognition. Angewandte Chemie - International Edition, 2021, 60, 366-370.	13.8	20
4	Activating Chalcogen Bonding (ChB) in Alkylseleno/Alkyltelluroacetylenes toward Chalcogen Bonding Directionality Control. Angewandte Chemie, 2020, 132, 23789-23793.	2.0	10
5	Activating both Halogen and Chalcogen Bonding Interactions in Cation Radical Salts of Iodinated Tetrathiafulavalene Derivatives. ChemPlusChem, 2020, 85, 2136-2142.	2.8	4
6	Activating Chalcogen Bonding (ChB) in Alkylseleno/Alkyltelluroacetylenes toward Chalcogen Bonding Directionality Control. Angewandte Chemie - International Edition, 2020, 59, 23583-23587.	13.8	20
7	Slow Magnetic Relaxation of Co(II) Single Chains Embedded within Metalâ€“Organic Superstructures. Inorganic Chemistry, 2019, 58, 3764-3773.	4.0	20
8	Electronic engineering of a tetrathiafulvalene charge-transfer salt via reduced symmetry induced by combined substituents. Physical Chemistry Chemical Physics, 2019, 21, 22639-22646.	2.8	10
9	Highly Condensed Boron Cage Cluster Anions in 2D Carrier and Its Enhanced Antitumor Efficiency for Boron Neutron Capture Therapy. Advanced Functional Materials, 2018, 28, 1704470.	14.9	30
10	MnIIIâ€“FeIII Heterometallic Compounds within Hydrogen-Bonded Supramolecular Networks Promoted by an [Fe(CN)5(CNH)]2â€“ Building Block: Structural and Magnetic Properties. Inorganic Chemistry, 2018, 57, 7892-7903.	4.0	8
11	2D Conductive Iron-Quinoid Magnets Ordering up to T_c = 105 K via Heterogenous Redox Chemistry. Journal of the American Chemical Society, 2017, 139, 4175-4184.	13.7	196
12	Spin-state modulation of molecular Fe^{III} complexes via inclusion in halogen-bonded supramolecular networks. Chemical Communications, 2017, 53, 4989-4992.	4.1	22
13	Photoinduced reversible spin-state switching of an FeIII complex assisted by a halogen-bonded supramolecular network. Chemical Communications, 2017, 53, 10283-10286.	4.1	25
14	Solid-State Redox Switching of Magnetic Exchange and Electronic Conductivity in a Benzoquinoid-Bridged Mn^{II} Chain Compound. Journal of the American Chemical Society, 2016, 138, 6583-6590.	13.7	47
15	A new family of [Cu^{II}Ln^{III}M^V] heterotrimetallic complexes (Ln = La,) Tj ETQq1 1 0.784314 rgBT /(properties. Dalton Transactions, 2016, 45, 7642-7649.	3.3	40
16	A [3Feâ€“3S]3+ cluster with exclusively Î¼-sulfide donors. Chemical Communications, 2016, 52, 1174-1177.	4.1	30
17	An S = 12 semiquinoid radical-bridged Mn₆wheel complex assembled from an asymmetric redox-active bridging ligand. Chemical Communications, 2016, 52, 1006-1008.	4.1	10
18	Electron Hopping through Double-Exchange Coupling in a Mixed-Valence Diiminobenzoquinone-Bridged Fe₂ Complex. Journal of the American Chemical Society, 2015, 137, 12617-12626.	13.7	52

#	Article	IF	Citations
19	A series of tetraazalene radical-bridged M₂(M = Cr^{III}, Mn^{II},) Tj ETQq1 1 0.784314 rgBT /Overlo Science, 2015, 6, 6639-6648.	7.4	66
20	A 2D Semiquinone Radical-Containing Microporous Magnet with Solvent-Induced Switching from T_c = 26 to 80 K. Journal of the American Chemical Society, 2015, 137, 15699-15702.	13.7	164
21	Electronic Effects of Ligand Substitution on Spin Crossover in a Series of Diiminoquinonoid-Bridged Fe^{II}₂ Complexes. Inorganic Chemistry, 2015, 54, 359-369.	4.0	66
22	Radical ligand-containing single-molecule magnets. Coordination Chemistry Reviews, 2015, 289-290, 149-176.	18.8	489
23	Metal-to-Metal Electron Transfer in Co/Fe Prussian Blue Molecular Analogues: The Ultimate Miniaturization. Journal of the American Chemical Society, 2014, 136, 15461-15464.	13.7	157
24	Spin crossover iron(<scp>ii</scp>) complexes as PARACEST MRI thermometers. Chemical Science, 2014, 5, 2461-2465.	7.4	89
25	Low-Coordinate Iron(II) Complexes of a Bulky Bis(carbene)borate Ligand. Organometallics, 2014, 33, 5654-5659.	2.3	22
26	Switching off the single-molecule magnet properties of the [Co^{II}(Me₆tren)(OH₂)]²⁺ module by complexation with trans-[Ru^{III}(salen)(CN)₂]^{â^'}. New Journal of Chemistry, 2014, 38, 3443-3448.	2.8	34
27	An Azophenine Radical-Bridged Fe₂ Single-Molecule Magnet with Record Magnetic Exchange Coupling. Journal of the American Chemical Society, 2013, 135, 16845-16848.	13.7	128
28	Tristability in a Light-Actuated Single-Molecule Magnet. Journal of the American Chemical Society, 2013, 135, 15880-15884.	13.7	178
29	A Defect Supertetrahedron Naphthoxime-Based [Mn^{III}₉] Single-Molecule Magnet. Inorganic Chemistry, 2013, 52, 7317-7319.	4.0	15
30	Spin crossover or intra-molecular electron transfer in a cyanido-bridged Fe/Co dinuclear dumbbell: a matter of state. Chemical Science, 2013, 4, 2463.	7.4	82
31	Self-assembly of [CuIITbIII]3+ and [W(CN)8]3â^' tectons: a case study of a mixture containing two complexes showing slow-relaxation of the magnetization. Dalton Transactions, 2012, 41, 13578.	3.3	51
32	Tetraazaarenes by the ceramidonine approach. New Journal of Chemistry, 2012, 36, 570.	2.8	9
33	Syntheses, Structures, and Magnetic Properties of a Novel mer-[(bbp)Fe^{III}(CN)₃]^{2â€“} Building Block (bbp:) Tj ETQq1 1 0.784314 rgBT /Overlock Inorganic Chemistry, 2012, 51, 12350-12359.	4.0	47
34	Metal Complexes of Bridging Neutral Radical Ligands: pymDTDA and pymDSDA. Inorganic Chemistry, 2012, 51, 3827-3839.	4.0	36
35	Controlled association of single-molecule magnets (SMMs) into coordination networks: towards a new generation of magnetic materials. Dalton Transactions, 2012, 41, 9569.	3.3	169
36	Cyanido-bridged one-dimensional systems assembled from [ReIVCl4(CN)2]2â^' and [MII(cyclam)]2+ (M = Ni,) Tj ETQq0 0 0 rgBT /Overlo	8.2	16

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37	[Mn^{III}₆O₃Ln₂] Singleâ€Molecule Magnets: Increasing the Energy Barrier Above 100â€…K. Chemistry - A European Journal, 2011, 17, 9605-9610.	3.3	111
38	Amorphous Tungstate Precursor Route to Nanostructured Tungsten Oxide Film with Electrochromic Property. Journal of Nanoscience and Nanotechnology, 2011, 11, 6518-6522.	0.9	4
39	Two-dimensional assembly of [MnIII2MnII2] single-molecule magnets and [Cu(pic)2] linking units (Hpic =) Tj ETQq1 1 0.784314 rgBT	3.3	18
40	Topochemical polymerization of a diacetylene in a chalcogenâ€bonded (ChB) assembly. Angewandte Chemie, 0, , .	2.0	2