Jian-Hua Jia

List of Publications by Year
in descending order

40	2,967	218592	289141
papers	citations	26 h-index	40 g-index

41	41	41	2371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bulky Thiolate-Protected Silver Nanocluster Ag ₂₁₃ (Adm-S) ₄₄ Cl ₃₃ with Excellent Electrocatalytic Performance toward Oxygen Reduction. CCS Chemistry, 2023, 5, 1154-1162.	4.6	4
2	2D and 3D metalâ€“organic frameworks constructed with a mechanically rigidified [3]rotaxane ligand. Chemical Communications, 2022, 58, 5829-5832.	2.2	7
3	Magnetic 3dâ€“4f Chiral Clusters Showing Multimetal Site Magneto-Chiral Dichroism. Journal of the American Chemical Society, 2022, 144, 8837-8847.	6.6	28
4	Supramolecular Assembly of An Organoplatinum(II) Complex with Ratiometric Dual Emission for Twoâ€Photon Bioimaging. Angewandte Chemie - International Edition, 2021, 60, 4150-4157.	7.2	24
5	Sensitive magnetic-field-response magnetization dynamics in a one-dimensional dysprosium coordination polymer. Inorganic Chemistry Frontiers, 2021, 8, 4657-4665.	3.0	13
6	Supramolecular Assembly of An Organoplatinum(II) Complex with Ratiometric Dual Emission for Twoâ€Photon Bioimaging. Angewandte Chemie, 2021, 133, 4196-4203.	1.6	6
7	Effect of Bridging Ligands on Magnetic Behavior in Dinuclear Dysprosium Cores Supported by Polyoxometalates. Inorganic Chemistry, 2019, 58, 1301-1308.	1.9	42
8	Luminescent single-molecule magnets based on lanthanides: Design strategies, recent advances and magneto-luminescent studies. Coordination Chemistry Reviews, 2019, 378, 365-381.	9.5	272
9	Cyclic OFF/Part/ON switching of single-molecule magnet behaviours via multistep single-crystal-to-single-crystal transformation between discrete Fe(<scp>ii</scp>)â€“Dy(<scp>iii</scp>) complexes. Chemical Communications, 2018, 54, 10886-10889.	2.2	37
10	pH-Controlled Assembly of Organophosphonate-Bridged Dysprosium(III) Single-Molecule Magnets Based on Polyoxometalates. Inorganic Chemistry, 2018, 57, 6773-6777.	1.9	39
11	Enantiopure Magnetic Heterometallic Coordination Cubic Cages [M^{II}₈Cu^{II}₆] (M = Ni, Co). Crystal Growth and Design, 2018, 18, 4555-4561.	1.4	13
12	Dynamic Magnetic and Optical Insight into a High Performance Pentagonal Bipyramidal Dy^{III} Singleâ€Ion Magnet. Chemistry - A European Journal, 2017, 23, 5708-5715.	1.7	96
13	Dynamic Magnetic and Optical Insight into a Highâ€Performance Pentagonal Bipyramidal Dy^{III} Singleâ€Ion Magnet. Chemistry - A European Journal, 2017, 23, 5630-5630.	1.7	4
14	Metalâ€Ion Induced In Situ Ligand Oxidation for Selfâ€Assembled Clusters: from Bis(5â€(2â€pyridineâ€2â€yl)â€1,2,4â€triazoleâ€3â€yl)methane to Alcohol or Ketone. Chemistry - an Asian Journal, 2017, 12, 2172-2176.	1.7	6
15	Construction of lanthanide single-molecule magnets with the â€œmagnetic motifâ€• [Dy(MQ)₄]^{â^'}. Inorganic Chemistry Frontiers, 2017, 4, 1776-1782.	3.0	16
16	Tunable Magnetization Dynamics through Solid-State Ligand Substitution Reaction. Inorganic Chemistry, 2017, 56, 8829-8836.	1.9	11
17	A wheel-shaped Dy(<scp>iii</scp>) single-molecule magnet supported by polyoxotungstates. Dalton Transactions, 2017, 46, 16796-16801.	1.6	21
18	A Piezochromic Dysprosium(III) Single-Molecule Magnet Based on an Aggregation-Induced-Emission-Active Tetraphenylethene Derivative Ligand. Inorganic Chemistry, 2017, 56, 8730-8734.	1.9	44

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19	[2 + 2] Photochemical modulation of the Dy(<scp>iii</scp>) single-molecule magnet: opposite influence on the energy barrier and relaxation time. Inorganic Chemistry Frontiers, 2017, 4, 1311-1318.	3.0	42
20	A Stable Pentagonal Bipyramidal Dy(III) Single-Ion Magnet with a Record Magnetization Reversal Barrier over 1000 K. Journal of the American Chemical Society, 2016, 138, 5441-5450.	6.6	904
21	Lanthanoid single-ion magnets with the LnN₁₀ coordination geometry. Chemical Communications, 2016, 52, 6261-6264.	2.2	32
22	Unprecedented hexagonal bipyramidal single-ion magnets based on metallacrowns. Chemical Communications, 2016, 52, 13365-13368.	2.2	54
23	Evolution of Slow Magnetic Relaxation: from Diamagnetic Matrix Y(OH)CO₃ to Dy_{0.06}Y_{0.94}(OH)CO₃ with High Spin-Reversal Barrier and Blocking Temperature. Inorganic Chemistry, 2016, 55, 3145-3150.	1.9	13
24	Desolvation-Driven 100-Fold Slow-down of Tunneling Relaxation Rate in Co(II)-Dy(III) Single-Molecule Magnets through a Single-Crystal-to-Single-Crystal Process. Scientific Reports, 2015, 5, 16621.	1.6	84
25	Diastereoselective synthesis of O symmetric heterometallic cubic cages. Chemical Communications, 2015, 51, 3804-3807.	2.2	31
26	Single-Molecule-Magnet Behavior in a [2 Ã— 2] Grid Dy^{III}₄ Cluster and a Dysprosium-Doped Y^{III}₄ Cluster. Inorganic Chemistry, 2015, 54, 8087-8092.	1.9	60
27	â€œHalf-sandwichâ€•Yb^{III} single-ion magnets with metallacrowns. Chemical Communications, 2015, 51, 10291-10294.	2.2	83
28	Efficient enhancement of magnetic anisotropy by optimizing the ligand-field in a typically tetranuclear dysprosium cluster. Dalton Transactions, 2015, 44, 8150-8155.	1.6	29
29	A brilliant cryogenic magnetic coolant: magnetic and magnetocaloric study of ferromagnetically coupled GdF₃. Journal of Materials Chemistry C, 2015, 3, 12206-12211.	2.7	134
30	Modulation of single-molecule magnet behaviour via photochemical [2+2] cycloaddition. Chemical Communications, 2015, 51, 15358-15361.	2.2	61
31	A zigzag Dy^{III}₄cluster exhibiting single-molecule magnet, ferroelectric and white-light emitting properties. Journal of Materials Chemistry C, 2014, 2, 8858-8864.	2.7	107
32	Controllable Self-Assembly of Two Luminescent Silver(I) Metalâ€“Organic Frameworks Bearing a Tetradentate Ligand. Crystal Growth and Design, 2014, 14, 4674-4680.	1.4	17
33	Fluorescent single-ion magnets: molecular hybrid (HNEt3)[DyxYb1â^'x(bpyda)2] (x = 0.135â€“1). Dalton Transactions, 2013, 42, 11262.	1.6	48
34	Lanthanide Oxide Clusters: From Tetrahedral [Dy₄(Î¼₄â€Ο)]¹⁰⁺ to Supertetrahedral [Ln₂₀(Î¼₄â€Ο)₁₁]³⁸⁺ (Ln=Tb, Dy, Ho, Er). Chemistry - A European Journal, 2013, 19, 12254-12258.	1.7	41
35	Crystallographic and Computational Studies of Luminescent, Binuclear Gold(I) Complexes, Au^I₂(Ph₂P(CH₂)_nPPh₂)₂Cl₂ (n = 3â€“6). Inorganic Chemistry, 2013, 52, 823-831.	1.7	21
36	Multifunctional Dy^{III}₄ Cluster Exhibiting Whiteâ€Emitting, Ferroelectric and Singleâ€Molecule Magnet Behavior. Chemistry - A European Journal, 2013, 19, 8769-8773.	1.7	96

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37	Solvent-induced intercluster rearrangements and the reversible luminescence responses in sulfide bridged gold(i)â€“silver(i) clusters. Chemical Communications, 2012, 48, 8691.	2.2	63
38	A luminescent gold(i)â€“copper(i) cluster with unprecedented carbon-centered trigonal prismatic hexagold. Chemical Communications, 2011, 47, 4739.	2.2	58
39	High-Nuclearity Silver Clusters Templated by Carbonates Generated from Atmospheric Carbon Dioxide Fixation. Journal of the American Chemical Society, 2009, 131, 3422-3423.	6.6	159
40	Intensely Luminescent Gold(I)â^'Silver(I) Cluster with Hypercoordinated Carbon. Journal of the American Chemical Society, 2009, 131, 16634-16635.	6.6	147