

# Jing Li

## List of Publications by Year in descending order

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38  
papers

1,951  
citations

394421

19  
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330143

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docs citations

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times ranked

2407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional metal-organic frameworks as effective sensors of gases and volatile compounds. <i>Chemical Society Reviews</i> , 2020, 49, 6364-6401.	38.1	784
2	Topologically guided tuning of Zr-MOF pore structures for highly selective separation of C6 alkane isomers. <i>Nature Communications</i> , 2018, 9, 1745.	12.8	251
3	Tuning quantum tunnelling of magnetization through 3d-4f magnetic interactions: an alternative approach for manipulating single-molecule magnetism. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 114-122.	6.0	81
4	Magnetic Bistability in a Discrete Organic Radical. <i>Journal of the American Chemical Society</i> , 2016, 138, 10092-10095.	13.7	79
5	Hexagonal Bipyramidal Dy(III) Complexes as a Structural Archetype for Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2019, 58, 2610-2617.	4.0	60
6	Two field-induced slow magnetic relaxation processes in a mononuclear Co(II) complex with a distorted octahedral geometry. <i>Dalton Transactions</i> , 2016, 45, 9279-9284.	3.3	55
7	Single-Chain Magnets Based on Octacyanotungstate with the Highest Energy Barriers for Cyanide Compounds. <i>Scientific Reports</i> , 2016, 6, 24372.	3.3	52
8	Modulating Single-Molecule Magnetic Behavior of a Dinuclear Erbium(III) Complex by Solvent Exchange. <i>Inorganic Chemistry</i> , 2017, 56, 336-343.	4.0	47
9	Single molecule magnet behaviors of Zn <sub>4</sub> Ln <sub>2</sub> (Ln = Dy <sup>III</sup> , Tj ETQq1 1 0.784314 rgBT /Overlock CO <sub>2</sub> in air through <i>in situ</i> reactions. <i>Dalton Transactions</i> , 2019, 48, 512-522.	3.3	42
10	Magnetic Anisotropy from Trigonal Prismatic to Trigonal Antiprismatic Co(II) Complexes: Experimental Observation and Theoretical Prediction. <i>Inorganic Chemistry</i> , 2018, 57, 3903-3912.	4.0	37
11	Lantern-shaped 3d-4f high-nuclearity clusters with magnetocaloric effect. <i>Dalton Transactions</i> , 2017, 46, 9745-9749.	3.3	34
12	Ferromagnetic Polarization: The Quantum Picture of Switching On/Off Single-Molecule Magnetism. <i>Inorganic Chemistry</i> , 2016, 55, 5914-5923.	4.0	33
13	Incorporation of Silicon-Oxygen Tetrahedron into Novel High-Nuclearity Nanosized 3d-4f Heterometallic Clusters. <i>Inorganic Chemistry</i> , 2018, 57, 4799-4802.	4.0	32
14	Modulating the Magnetic Interaction in New Triple-Decker Dysprosium(III) Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2018, 57, 1408-1416.	4.0	32
15	Phthalocyanine supported dinuclear Ln <sup>III</sup> complexes: the solvent-induced change of magnetic properties in dysprosium(III) analogues. <i>Dalton Transactions</i> , 2017, 46, 3353-3362.	3.3	28
16	Magnetic Anisotropy along a Series of Lanthanide Polyoxometalates with Pentagonal Bipyramidal Symmetry. <i>Inorganic Chemistry</i> , 2017, 56, 7835-7841.	4.0	28
17	The Charge Transfer Approach to Heavier Main-Group Element Radicals in Transition-Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12741-12745.	13.8	25
18	Significantly Enhancing the Single-Molecule-Magnet Performance of a Dinuclear Dy(III) Complex by Utilizing an Asymmetric Auxiliary Organic Ligand. <i>Inorganic Chemistry</i> , 2021, 60, 18739-18752.	4.0	24

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19	Photochemically Tuned Magnetic Properties in an Erbium(III)-Based Easy-Plane Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2019, 58, 14440-14448.	4.0	21
20	Rare-Earth Metal Tetrathiafulvalene Carboxylate Frameworks as Redox-Switchable Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2021, 27, 622-627.	3.3	21
21	Isolable Lanthanide Metal Complexes of a Phosphorus-Centered Radical. <i>Inorganic Chemistry</i> , 2020, 59, 2111-2115.	4.0	20
22	Isolable Borane-Based Diradical and Triradical Fused by a Diamagnetic Transition Metal Ion. <i>Journal of the American Chemical Society</i> , 2017, 139, 17723-17726.	13.7	19
23	Magnetic on/off switching in redox non-innocent ligand bridged binuclear cobalt complexes. <i>Dalton Transactions</i> , 2018, 47, 17211-17215.	3.3	17
24	Structurally modulated single-ion magnets of mononuclear $\text{f}^2$ -diketone dysprosium(iii) complexes. <i>Dalton Transactions</i> , 2020, 49, 14931-14940.	3.3	16
25	Water induced spin-crossover behaviour and magneto-structural correlation in octacyanotungstate( $\text{IV}$ )-based iron( $\text{II}$ ) complexes. <i>Dalton Transactions</i> , 2016, 45, 18643-18652.	3.3	15
26	Light-controlled efficient photoluminescence based on an europium $\text{f}^2$ -diketonate complex with single-crystal-to-single-crystal [2+2] cycloaddition. <i>Chemical Communications</i> , 2019, 55, 12873-12876.	4.1	13
27	A Tetrathiafulvalene/Naphthalene Diimide-Containing Metal-Organic Framework with <i>in situ</i> Topology for Highly Efficient Near-Infrared Photothermal Conversion. <i>Inorganic Chemistry</i> , 2022, 61, 3078-3085.	4.0	13
28	Controlling Electron Spin Decoherence in Nd-based Complexes via Symmetry Selection. <i>IScience</i> , 2020, 23, 100926.	4.1	11
29	Electrical Conductivity of Copper Hexamers Tuned by their Ground-State Valences. <i>Inorganic Chemistry</i> , 2018, 57, 3443-3450.	4.0	10
30	The Charge Transfer Approach to Heavier Main-Group Element Radicals in Transition-Metal Complexes. <i>Angewandte Chemie</i> , 2017, 129, 12915-12919.	2.0	8
31	Half-Sandwich Metal Carbonyl Complexes as Precursors to Functional Materials: From a Near-Infrared-Absorbing Dye to a Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2017, 139, 12069-12075.	13.7	8
32	Optimal diamagnetic dilution concentration for suppressing the dipole-dipole interaction in single-ion magnets. <i>Dalton Transactions</i> , 2020, 49, 2159-2167.	3.3	8
33	Switchable slow relaxation of magnetization in photochromic dysprosium( $\text{III}$ ) complexes manipulated by a dithienylethene ligand. <i>New Journal of Chemistry</i> , 2020, 44, 20129-20136.	2.8	8
34	Study of the relationship between magnetic field and dielectric properties in two ferromagnetic complexes. <i>RSC Advances</i> , 2017, 7, 47913-47919.	3.6	7
35	Metal-ion induced ferromagnetic polarization in a mixed-spin system. <i>Dalton Transactions</i> , 2017, 46, 6670-6676.	3.3	6
36	Tuning the Magnetization Dynamic Properties of $\text{Nd}^{\text{III}}$ - $\text{Fe}^{\text{II}}$ and $\text{Nd}^{\text{III}}$ - $\text{Co}^{\text{II}}$ Single-Molecular Magnets by Introducing 3d-4d of Magnetic Interactions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2029-2035.	3.3	4

#	ARTICLE	IF	CITATIONS
37	Synthesis, crystal structures, HF-EPR, and magnetic properties of six-coordinate transition metal (Co, Tj) ETQq1 12833-12840.	0.784314 3.6	rgBT /Ove 2
38	Modulating the relaxation dynamics of the Na <sub>2</sub> Mn <sub>3</sub> system <i>via</i> an auxiliary anion change. Dalton Transactions, 2021, 50, 14774-14781.	3.3	0