

Dong Shao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermally Induced Reversible Metal-to-Metal Charge Transfer in Mixed-Valence {Fe ^{III} ₄ Fe ^{II} ₄ } Cubes. <i>CCS Chemistry</i> , 2022, 4, 2452-2459.	4.6	7
2	Field-induced single-ion magnet behavior in a hydrogen-bonded supramolecular cobalt(II) complex. <i>Polyhedron</i> , 2022, 213, 115614.	1.0	18
3	Tuning the structure and magnetic properties <i>via</i> distinct pyridine derivatives in cobalt(II) coordination polymers. <i>Dalton Transactions</i> , 2022, 51, 695-704.	1.6	20
4	A trinuclear {Fe ^{II} 2Fe ^{III} } complex involving both spin and non-spin transitions exhibits three-step and wide thermal hysteresis. <i>Science China Chemistry</i> , 2022, 65, 532-538.	4.2	14
5	Manipulating the spin crossover behaviour in a series of cyanide-bridged {Fe ^{II} 2Fe ^{II} } molecular squares through NCE ⁺ co-ligands. <i>Dalton Transactions</i> , 2022, 51, 5596-5602.	1.6	8
6	Hydrogen-Bonded Framework of a Cobalt(II) Complex Showing Superior Stability and Field-Induced Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2022, 61, 3754-3762.	1.9	29
7	[Au ^I (CN) ₂]-Armed [Fe ^{III} ₂ Fe ^{II} ₂] Square Complex Showing Unusual Spin-Crossover Behavior Due to a Symmetry-Breaking Phase Transition. <i>Inorganic Chemistry</i> , 2022, 61, 5855-5860.	1.9	9
8	Tuning chain topologies and magnetic anisotropy in one-dimensional cobalt(II) coordination polymers <i>via</i> distinct dicarboxylates. <i>CrystEngComm</i> , 2022, 24, 3928-3937.	1.3	11
9	<i>Fine-Tuning</i> of Structural Distortion and Magnetic Anisotropy by Organosulfonates in Octahedral Cobalt(II) Complexes. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2193-2202.	2.6	12
10	An Azido-Bridged Dysprosium Chain Complex Showing Zero-field Slow Magnetic Relaxation. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3331-3335.	1.7	9
11	Spin and valence isomerism in cyanide-bridged {Fe ^{II} 2M ^{II} } (M = Fe and Co) clusters. <i>Dalton Transactions</i> , 2021, 50, 9768-9774.	1.6	15
12	Isolated-Mn ²⁺ -like Luminescent Behavior in CsMnF ₃ Caused by Competing Magnetic Interactions at Cryogenic Temperature. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27800-27809.	1.5	5
13	Two Four-Coordinate and Seven-Coordinate Co ^{II} Complexes Based on the Bidentate Ligand 1, 8-Naphthyridine Showing Slow Magnetic Relaxation Behavior. <i>Chemistry - an Asian Journal</i> , 2020, 15, 279-286.	1.7	10
14	Field-induced slow magnetic relaxation in two interpenetrated cobalt(II) metal-organic framework isomers. <i>CrystEngComm</i> , 2020, 22, 5275-5279.	1.3	20
15	Enhanced Single-Chain Magnet Behavior via Anisotropic Exchange in a Cyano-Bridged Mo ^{III} -Mn ^{II} Chain. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10379-10384.	7.2	35
16	Enhanced Single-Chain Magnet Behavior via Anisotropic Exchange in a Cyano-Bridged Mo ^{III} -Mn ^{II} Chain. <i>Angewandte Chemie</i> , 2020, 132, 10465-10470.	1.6	8
17	Tuning Magnetic Anisotropy in a Class of Co(II) Bis(hexafluoroacetylacetonate) Complexes. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1469-1477.	1.7	15
18	Development of Single-Molecule Magnets. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1005-1018.	2.6	77

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19	Reversible On/Off Switching of the Hysteretic Spin Crossover in a Cobalt(II) Complex via Crystal to Crystal Transformation. <i>Inorganic Chemistry</i> , 2019, 58, 11589-11598.	1.9	50
20	Transition-metal-bridged bimetallic clusters with multiple uranium-metal bonds. <i>Nature Chemistry</i> , 2019, 11, 248-253.	6.6	66
21	From mononuclear to two-dimensional cobalt(<i>ii</i>) complexes based on a mixed benzimidazole-dicarboxylate strategy: syntheses, structures, and magnetic properties. <i>CrystEngComm</i> , 2019, 21, 749-757.	1.3	16
22	Two three-dimensional [M _{III} (CN) ₇] ⁴⁻ -based magnets showing new topologies and ferrimagnetic ordering below 80 K. <i>Dalton Transactions</i> , 2019, 48, 8843-8852.	1.6	2
23	Spin crossover in hydrogen-bonded frameworks of Fe ^{II} complexes with organodisulfonate anions. <i>Dalton Transactions</i> , 2019, 48, 8815-8825.	1.6	17
24	Syntheses, structures, and magnetic properties of three two-dimensional cobalt(<i>ii</i>) single-ion magnets with a Co ^{II} N ₄ X ₂ octahedral geometry. <i>CrystEngComm</i> , 2019, 21, 3176-3185.	1.3	20
25	Two-dimensional magnetic materials of cobalt(<i>ii</i>) triangular lattices constructed by a mixed benzimidazole-dicarboxylate strategy. <i>CrystEngComm</i> , 2019, 21, 2596-2604.	1.3	12
26	Inside Cover: A Three-Dimensional Mn II {Mo III (CN) 7 } ⁴⁻ Ferrimagnet Containing Formate as a Second Bridging Ligand (<i>Chin. J. Chem.</i> 1/2019). <i>Chinese Journal of Chemistry</i> , 2019, 37, 2-2.	2.6	0
27	A Three-Dimensional Mn II {Mo III (CN) 7 } ⁴⁻ Ferrimagnet Containing Formate as a Second Bridging Ligand. <i>Chinese Journal of Chemistry</i> , 2019, 37, 19-24.	2.6	8
28	Syntheses, structures, and magnetic properties of three new Mn ^{II} {Mo ^{III} (CN) ₇ } ⁴⁻ molecular magnets. <i>Dalton Transactions</i> , 2018, 47, 11873-11881.	1.6	7
29	Heterometallic M ^{II} Ln ^{III} (M = Co/Zn; Ln = Dy/Y) Complexes with Pentagonal Bipyramidal 3d Centers: Syntheses, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2018, 57, 15526-15536.	1.9	28
30	A family of lanthanide compounds with reduced nitronyl nitroxide diradical: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , 2018, 47, 7925-7933.	1.6	20
31	Single-molecule magnet behaviour in a dysprosium-triradical complex. <i>Chemical Communications</i> , 2018, 54, 9726-9729.	2.2	48
32	Two Interpenetrated Cobalt(II) Metal-Organic Frameworks with Guest-Dependent Structures and Field-Induced Single-Ion Magnet Behaviors. <i>Crystal Growth and Design</i> , 2018, 18, 5270-5278.	1.4	32
33	Reversible on/off switching of both spin crossover and single-molecule magnet behaviours <i>via</i> a crystal-to-crystal transformation. <i>Chemical Science</i> , 2018, 9, 7986-7991.	3.7	88
34	High-coordinate Co ^{II} and Fe ^{II} compounds constructed from an asymmetric tetradentate ligand show slow magnetic relaxation behavior. <i>Dalton Transactions</i> , 2018, 47, 8940-8948.	1.6	18
35	Syntheses, structures, and magnetic properties of a family of end-on azido-bridged Cu ^{II} {Ln ^{III} } complexes. <i>Dalton Transactions</i> , 2017, 46, 7232-7241.	1.6	23
36	Three-Dimensional Fe ^{II} {Mo ^{III} (CN) ₇ } ⁴⁻ Magnets with Ordering below 65 K and Distinct Topologies Induced by Cation Identity. <i>Inorganic Chemistry</i> , 2017, 56, 7182-7189.	1.9	10

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37	Two-dimensional frameworks formed by pentagonal bipyramidal cobalt(Co^{II}) ions and hexacyanometallates: antiferromagnetic ordering, metamagnetism and slow magnetic relaxation. Dalton Transactions, 2017, 46, 9088-9096.	1.6	46
38	A cyano-bridged coordination nanotube showing field-induced slow magnetic relaxation. CrystEngComm, 2017, 19, 5707-5711.	1.3	29
39	Slow Magnetic Relaxation and Spin-Crossover Behavior in a Bicomponent Ion-Pair Cobalt(II) Complex. European Journal of Inorganic Chemistry, 2017, 2017, 3862-3867.	1.0	18
40	Reversible On-Off Switching of a Single-Molecule Magnet via a Crystal-to-Crystal Chemical Transformation. Journal of the American Chemical Society, 2017, 139, 11714-11717.	6.6	97
41	Slow Magnetic Relaxation in One-Dimensional Azido-Bridged Co^{II} Complexes. Inorganic Chemistry, 2017, 56, 8058-8067.	1.9	28
42	Field-Induced Single-Ion Magnet Behaviour in Two New Cobalt(II) Coordination Polymers with 2,4,6-Tris(4-pyridyl)-1,3,5-triazine. Inorganics, 2017, 5, 90.	1.2	23
43	Single-ion magnetism in seven-coordinate Yb^{III} complexes with distorted D_{5h} coordination geometry. Dalton Transactions, 2017, 46, 12884-12892.	1.6	23
44	Probing the Effect of Axial Ligands on Easy-Plane Anisotropy of Pentagonal-Bipyramidal Cobalt(II) Single-Ion Magnets. Inorganic Chemistry, 2016, 55, 10859-10869.	1.9	103
45	Magnetic Bistability in a Discrete Organic Radical. Journal of the American Chemical Society, 2016, 138, 10092-10095.	6.6	79
46	A carborane-incorporated mononuclear Co^{II} complex showing zero-field slow magnetic relaxation. Chemical Communications, 2016, 52, 14326-14329.	2.2	38
47	Syntheses and magnetic properties of a pyrimidyl-substituted nitronyl nitroxide radical and its cobalt(Co^{II}) complexes. Chemical Communications, 2016, 52, 5033-5036.	2.2	42
48	Syntheses, structures, and magnetic properties of three new chain compounds based on a pentagonal bipyramidal Co^{II} building block. CrystEngComm, 2016, 18, 4150-4157.	1.3	47
49	Spin canting, metamagnetism, and single-chain magnetic behaviour in a cyano-bridged homospin iron(Fe^{II}) compound. Chemical Communications, 2015, 51, 4360-4363.	2.2	66
50	Spin Crossover in $[\text{Fe}(\text{2-Picolylamine})_3]^{2+}$ Adjusted by Organosulfonate Anions. Inorganic Chemistry, 2015, 54, 7857-7867.	1.9	41
51	Structural and magnetic tuning from a field-induced single-ion magnet to a single-chain magnet by anions. Inorganic Chemistry Frontiers, 2015, 2, 846-853.	3.0	31
52	Spin crossover behaviour in one-dimensional Fe^{II} compounds based on the $[\text{M}(\text{CN})_4]^{2-}$ ($\text{M} = \text{Pd}, \text{Pt}$) units. Dalton Transactions, 2015, 44, 9682-9690.	1.6	15
53	Single molecule magnet behavior observed in a 1-D dysprosium chain with quasi- D_{5h} symmetry. Dalton Transactions, 2015, 44, 20834-20838.	1.6	55
54	Field-Induced Slow Magnetic Relaxation in Cobalt(II) Compounds with Pentagonal Bipyramid Geometry. Inorganic Chemistry, 2014, 53, 12671-12673.	1.9	151

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55	Cation-Dependent Magnetic Ordering and Room-Temperature Bistability in Azido-Bridged Perovskite-Type Compounds. <i>Journal of the American Chemical Society</i> , 2013, 135, 16006-16009.	6.6	151