Yan Duan

List of Publications by Year
in descending order

24 papers	1,142 citations	471509 17 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	1553 citing authors

#	Article	IF	Citations
1	Solution-State Catalysis of Visible Light-Driven Water Oxidation by Macroanion-Like Inorganic Complexes of Î³-FeOOH Nanocrystals. ACS Catalysis, 2021, 11, 11385-11395.	11.2	22
2	Spectroscopic Analysis of Vibronic Relaxation Pathways in Molecular Spin Qubit [Ho(W₅O₁₈)₂]^{9â€“}: Sparse Spectra Are Key. Inorganic Chemistry, 2021, 60, 14096-14104.	4.0	22
3	Quantum coherent spinâ€“electric control in a molecular nanomagnet at clock transitions. Nature Physics, 2021, 17, 1205-1209.	16.7	34
4	Visibleâ€Lightâ€Driven Water Oxidation with a Polyoxometalateâ€Complexed Hematite Core of 275â€…Iron Atoms. Angewandte Chemie - International Edition, 2019, 58, 6584-6589.	13.8	51
5	Visibleâ€Lightâ€Driven Water Oxidation with a Polyoxometalateâ€Complexed Hematite Core of 275â€…Iron Atoms. Angewandte Chemie, 2019, 131, 6656-6661.	2.0	14
6	Synthesis, crystal structures and magnetic properties of picolinate-bridged copper(II) chains. Journal of Coordination Chemistry, 2018, 71, 644-656.	2.2	0
7	Large Magnetic Polyoxometalates Containing the Cobalt Cubane â€˜[CoIIICo3II(OH)3(H2O)6â€“m(PW9O34)]3â€˜' (m = 3 or 5) as a Subunit. Frontiers in Chemistry, 2018, 6, 231.	3.6	12
8	Coherent manipulation of three-qubit states in a molecular single-ion magnet. Physical Review B, 2017, 95, .	3.2	88
9	A Ferroelectric Iron(II) Spin Crossover Material. Angewandte Chemie, 2017, 129, 14240-14244.	2.0	17
10	A Ferroelectric Iron(II) Spin Crossover Material. Angewandte Chemie - International Edition, 2017, 56, 14052-14056.	13.8	58
11	Light-induced decarboxylation in a photo-responsive iron-containing complex based on polyoxometalate and oxalato ligands. Chemical Science, 2017, 8, 305-315.	7.4	29
12	Rational Design of Lanthanoid Singleâ€Ion Magnets: Predictive Power of the Theoretical Models. Chemistry - A European Journal, 2016, 22, 13532-13539.	3.3	28
13	Single ion magnets based on lanthanoid polyoxomolybdate complexes. Dalton Transactions, 2016, 45, 16653-16660.	3.3	40
14	A decacobalt(<scp>ii</scp>) cluster with triple-sandwich structure obtained by partial reductive hydrolysis of a pentacobalt(<scp>ii</scp>/<scp>iii</scp>) Weakley-type polyoxometalate. Chemical Communications, 2016, 52, 13245-13248.	4.1	12
15	Hydrogen-bonded networks of [Fe(bpp)₂]²⁺spin crossover complexes and dicarboxylate anions: structural and photomagnetic properties. Dalton Transactions, 2016, 45, 17918-17928.	3.3	17
16	Enhancing coherence in molecular spin qubits via atomic clock transitions. Nature, 2016, 531, 348-351.	27.8	442
17	Cobalt Clusters with Cubane-Type Topologies Based on Trivacant Polyoxometalate Ligands. Inorganic Chemistry, 2016, 55, 925-938.	4.0	37
18	Construction of a General Library for the Rational Design of Nanomagnets and Spin Qubits Based on Mononuclear f-Block Complexes. The Polyoxometalate Case. Inorganic Chemistry, 2014, 53, 9976-9980.	4.0	76

#	Article	IF	Citations
19	Influence of the covalent grafting of organic radicals to graphene on its magnetoresistance. Journal of Materials Chemistry C, 2013, 1, 4590.	5.5	27
20	Magnetization Relaxation in a Threeâ€Dimensional Ligated Cobalt Phosphonate Containing Ferrimagnetic Chains. Chemistry - A European Journal, 2011, 17, 3579-3583.	3.3	44
21	One-dimensional metal phosphonates based on 6-phosphononicotinic acid: A structural and magnetic study. Science China Chemistry, 2010, 53, 2112-2117.	8.2	6
22	Metal diphosphonates with double-layer and pillared layered structures based on N-cyclohexylaminomethanediphosphonate. Journal of Solid State Chemistry, 2010, 183, 1588-1594.	2.9	14
23	Metal carboxylate-phosphonates containing flexible N-donor co-ligands. Dalton Transactions, 2010, 39, 4559.	3.3	28
24	Three-dimensional metal phosphonodicarboxylates with GIS-zeolite topology: syntheses, structures and magnetic studies. Dalton Transactions, 2010, 39, 10631.	3.3	21