Michel Verdaguer

List of Publications by Year
in descending order

45 papers	5,786 citations	126907 33 h-index	223800 46 g-index
51 all docs	51 docs citations	51 times ranked	3740 citing authors

#	Article	IF	Citations
1	Magnetism: Molecules to Build Solids. European Journal of Inorganic Chemistry, 2020, 2020, 723-731.	2.0	7
2	Miguel Julve, creative chemist and scholar, a personal account. Polyhedron, 2019, 170, 109-114.	2.2	0
3	Dinuclear copper(II) complexes as testing ground for molecular magnetism theory. Polyhedron, 2019, 169, 66-77.	2.2	28
4	A tribute to Professor Juan Faus PayÃ¡. Journal of Coordination Chemistry, 2018, 71, 585-589.	2.2	1
5	Antiferromagnetic Interactions in Copper(II) Âµâ€Oxalato Dinuclear Complexes: The Role of the Counterion. European Journal of Inorganic Chemistry, 2018, 2018, 509-516.	2.0	14
6	Florenceâ€“Orsay: A Joint Laboratory with Olivier. European Journal of Inorganic Chemistry, 2018, 2018, 215-222.	2.0	1
7	Electrons in Molecules. , 2018, , .		21
8	A novel oxalate-based three-dimensional coordination polymer showing magnetic ordering and high proton conductivity. Dalton Transactions, 2017, 46, 15130-15137.	3.3	15
9	Postsynthetic Approach for the Rational Design of Chiral Ferroelectric Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 8098-8101.	13.7	81
10	Solvent-Dependent Self-Assembly of an Oxalato-Based Three-Dimensional Magnet Exhibiting a Novel Architecture. Inorganic Chemistry, 2016, 55, 6845-6847.	4.0	13
11	On the Cucumber TreePeter Day The Grimsay Press, Glasgow, 2012, thegrimsaypress.co.uk ISBN 978-1-84530-119-4. European Review, 2014, 22, 538-541.	0.7	0
12	Hexanuclear manganese(III) single-molecule magnets from derivatized salicylamidoximes. Comptes Rendus Chimie, 2012, 15, 889-894.	0.5	19
13	Topological Versatility of Oxalate-Based Bimetallic One-Dimensional (1D) Compounds Associated with Ammonium Cations. Inorganic Chemistry, 2012, 51, 11582-11593.	4.0	33
14	Synthesis, crystal structure and magnetism of new salicylamidoxime-based hexanuclear manganese(iii) single-molecule magnets. Dalton Transactions, 2012, 41, 13668.	3.3	34
15	Multiferroics by Rational Design: Implementing Ferroelectricity in Moleculeâ€Based Magnets. Angewandte Chemie - International Edition, 2012, 51, 8356-8360.	13.8	157
16	High Proton Conduction in a Chiral Ferromagnetic Metalâ€“Organic Quartz-like Framework. Journal of the American Chemical Society, 2011, 133, 15328-15331.	13.7	302
17	The fruitful introduction of chirality and control of absolute configurations in molecular magnets. Chemical Society Reviews, 2011, 40, 3297.	38.1	283
18	Synthesis, crystal structure and magnetic properties of two oxalato-bridged dimetallic trinuclear complexes combined with a polar cation. Dalton Transactions, 2010, 39, 4951.	3.3	35

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19	A new family of oxime-based hexanuclear manganese(iii) single molecule magnets with high anisotropy energy barriers. Chemical Communications, 2010, 46, 5106.	4.1	54
20	Molecule-based magnets with TC above room temperature: Improved synthesis of vanadiumâ€“chromium Prussian blue analogues with inserted alkali cations. Inorganica Chimica Acta, 2008, 361, 3597-3602.	2.4	10
21	Strong magneto-chiral dichroism in enantiopure chiral ferromagnets. Nature Materials, 2008, 7, 729-734.	27.5	484
22	Design of single chain magnets through cyanide-bearing six-coordinate complexes. Coordination Chemistry Reviews, 2005, 249, 2691-2729.	18.8	417
23	Is It Possible To Get HighTCMagnets with Prussian Blue Analogues? A Theoretical Prospect. Chemistry - A European Journal, 2005, 11, 2135-2144.	3.3	129
24	Thermally Induced Electron Transfer in a CsCoFe Prussian Blue Derivative: The Specific Role of the Alkali-Metal Ion. Angewandte Chemie - International Edition, 2004, 43, 3728-3731.	13.8	92
25	Reversible Photoinduced Magnetic Properties in the Heptanuclear Complex [MoIV(CN)2(CNï£¿CuL)6]8+: A Photomagnetic High-Spin Molecule. Angewandte Chemie - International Edition, 2004, 43, 5468-5471.	13.8	330
26	Reversible Photoinduced Magnetic Properties in the Heptanuclear Complex [MoIV(CN)2(CNï£¿CuL)6]8+: A Photomagnetic High-Spin Molecule. Angewandte Chemie, 2004, 116, 5584-5587.	2.0	52
27	Title is missing!. Angewandte Chemie, 2003, 115, 1521-1524.	2.0	79
28	Cyanide-Bridged Iron(III)â€“Cobalt(II) Double Zigzag Ferromagnetic Chains: Two New Molecular Magnetic Nanowires. Angewandte Chemie - International Edition, 2003, 42, 1483-1486.	13.8	353
29	Molecule-Based Room-Temperature Magnets: Catalytic Role of V(III) in the Synthesis of Vanadiumâ^'Chromium Prussian Blue Analogues. Journal of the American Chemical Society, 2002, 124, 10531-10538.	13.7	102
30	Optically active molecule-based magnets: Enantioselective self-assembling, optical, and magnetic properties. Chirality, 2001, 13, 712-714.	2.6	27
31	Room-temperature molecule-based magnets. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 2959-2976.	3.4	114
32	Molecules to build solids: high TC molecule-based magnets by design and recent revival of cyano complexes chemistry. Coordination Chemistry Reviews, 1999, 190-192, 1023-1047.	18.8	814
33	New Molecule-Based Magnets: From Hexacyano to Octacyanometalates. Molecular Crystals and Liquid Crystals, 1999, 334, 587-595.	0.3	70
34	Exchange Coupling in Oxalato-Bridged Copper(II) Binuclear Compounds: A Density Functional Study. Chemistry - A European Journal, 1998, 4, 476-484.	3.3	197
35	Two different (oxalato)(bipyridine)copper(II) complexes in one single crystal. Crystal structures and magnetic properties of [Cu2(bipy)2(H2O)2(C2O4)]X2Â·[Cu(bipy)(C2O4)](X = NO3â€“, BF4â€“or ClO4â€“). Journal of the Chemical Society Dalton Transactions, 1992, , 3209-3216.	1.1	73
36	Oxamidato complexes. 2. Copper(II) and nickel(II) complexes with oxamide-N,N'-diacetic acid: solution study, synthesis, crystal structures, and magnetic properties. Inorganic Chemistry, 1992, 31, 778-784.	4.0	69

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37	Oxalato-bridged and related dinuclear copper(II) complexes: theoretical analysis of their structures and magnetic coupling. Inorganic Chemistry, 1990, 29, 4500-4507.	4.0	146
38	Synthesis, x-ray diffraction structure, magnetic properties, and MO analysis of a binuclear (.mu.-tetrathiooxalato)copper(II) complex, (AsPh4)2[(C3OS4)CuC2S4Cu(C3OS4)]. Inorganic Chemistry, 1987, 26, 4004-4009.	4.0	76
39	Ferromagnetic transition in a bimetallic molecular system. Journal of the American Chemical Society, 1986, 108, 7428-7430.	13.7	139
40	Interactions in Cu(II)Cu(II), VO(II)VO(II) and Cu(II)VO(II) pairs through oxalato bridging ligand. Inorganica Chimica Acta, 1984, 82, 5-12.	2.4	45
41	Design of .mu.-oxalato copper(II) binuclear complexes exhibiting expected magnetic properties. Inorganic Chemistry, 1984, 23, 3808-3818.	4.0	287
42	Copper(II), a chemical Janus: two different (oxalato)(bipyridyl)copper(II) complexes in one single crystal. Structure and magnetic properties. Journal of the American Chemical Society, 1984, 106, 8306-8308.	13.7	132
43	Tunable exchange interaction in .mu.-oxalato copper(II) dinuclear complexes. Inorganic Chemistry, 1983, 22, 368-370.	4.0	106
44	EXAFS structure and magnetic properties of a CuIINiII .mu.-oxalato mixed linear chain. Inorganic Chemistry, 1983, 22, 2624-2629.	4.0	113
45	Ordered magnetic bimetallic chains: a novel class of one-dimensional compounds. Journal of the American Chemical Society, 1981, 103, 7373-7374.	13.7	112