

Jn Titis

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77
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2,214
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L-index

#	Paper	IF	Citations
77	Simple mononuclear cobalt(II) complex: a single-molecule magnet showing two slow relaxation processes. <i>Inorganic Chemistry</i> , 2014 , 53, 2367-9	5.1	146
76	Magnetostructural D correlations in hexacoordinated cobalt(II) complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 11838-45	5.1	105
75	A mononuclear Ni(II) complex: a field induced single-molecule magnet showing two slow relaxation processes. <i>Dalton Transactions</i> , 2015 , 44, 12484-7	4.3	104
74	Single-molecule magnetism in a pentacoordinate cobalt(II) complex supported by an antenna ligand. <i>Inorganic Chemistry</i> , 2014 , 53, 8200-2	5.1	102
73	Magnetostructural D correlation in nickel(II) complexes: reinvestigation of the zero-field splitting. <i>Inorganic Chemistry</i> , 2010 , 49, 3971-3	5.1	90
72	Three tetracoordinate Co(II) complexes [Co(biq)X ₂] (X = Cl, Br, I) with easy-plane magnetic anisotropy as field-induced single-molecule magnets. <i>Dalton Transactions</i> , 2015 , 44, 17565-71	4.3	84
71	Field Supported Slow Magnetic Relaxation in a Mononuclear Cu(II) Complex. <i>Inorganic Chemistry</i> , 2017 , 56, 1478-1482	5.1	83
70	Zero-field splitting in pseudotetrahedral Co(II) complexes: a magnetic, high-frequency and -field EPR, and computational study. <i>Inorganic Chemistry</i> , 2013 , 52, 9409-17	5.1	72
69	Tetranuclear hetero-metal [Co(II)2Ln(III)2] (Ln = Gd, Tb, Dy, Ho, La) complexes involving carboxylato bridges in a rare $\mu_2\text{-}(\mu_2)\text{-}(\mu_2)$ mode: synthesis, crystal structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2014 , 53, 1295-306	5.1	63
68	Heteroleptic nickel(II) complexes formed from N-donor bases, carboxylic acids and water: Magnetostructural correlations. <i>Polyhedron</i> , 2006 , 25, 3261-3268	2.7	50
67	Field-Assisted Slow Magnetic Relaxation in a Six-Coordinate Co(II)-Co(III) Complex with Large Negative Anisotropy. <i>Inorganic Chemistry</i> , 2017 , 56, 6999-7009	5.1	40
66	A mononuclear Co(II) complex formed from pyridinedimethanol with manifold slow relaxation channels. <i>Dalton Transactions</i> , 2017 , 46, 10950-10956	4.3	40
65	Magneto-structural relationships for a mononuclear Co(II) complex with large zero-field splitting. <i>Inorganica Chimica Acta</i> , 2010 , 363, 147-156	2.7	40
64	Magnetostructural correlations in heteroleptic nickel(II) complexes. <i>Polyhedron</i> , 2007 , 26, 1523-1530	2.7	40
63	Bis-phenoxido and bis-acetato bridged heteronuclear {Co(III)Dy(III)} single molecule magnets with two slow relaxation branches. <i>Dalton Transactions</i> , 2016 , 45, 7510-20	4.3	37
62	Structural characterization, spectral and magnetic properties of isothiocyanate nickel(II) complexes with furopyridine derivatives. <i>Polyhedron</i> , 2005 , 24, 1510-1516	2.7	36
61	Cu(II)-Dy(III) and Co(III)-Dy(III) based single molecule magnets with multiple slow magnetic relaxation processes in the Cu(II)-Dy(III) complex. <i>Dalton Transactions</i> , 2015 , 44, 13242-9	4.3	35

60	A tetracoordinate Co(II) single molecule magnet based on triphenylphosphine and isothiocyanato group. <i>Polyhedron</i> , 2016 , 110, 85-92	2.7	34
59	Zero-field splitting in pentacoordinate Co(II) complexes. <i>Polyhedron</i> , 2013 , 65, 122-128	2.7	32
58	Magnetostructural study of tetracoordinate cobalt(II) complexes. <i>Inorganic Chemistry Communication</i> , 2013 , 35, 72-75	3.1	30
57	Syntheses, crystal structures and magnetic properties of two mixed-valence Co(III)Co(II) compounds derived from Schiff base ligands: field-supported single-ion-magnet behavior with easy-plane anisotropy. <i>Dalton Transactions</i> , 2017 , 46, 13135-13144	4.3	30
56	Tetracoordinate Co(II) complexes containing bathocuproine and single molecule magnetism. <i>New Journal of Chemistry</i> , 2016 , 40, 6593-6598	3.6	29
55	Breaking the Magic Border of One Second for Slow Magnetic Relaxation of Cobalt-Based Single Ion Magnets. <i>Inorganic Chemistry</i> , 2018 , 57, 14314-14321	5.1	29
54	The structure and magnetism of mono- and di-nuclear Ni(II) complexes derived from {N3O}-donor Schiff base ligands. <i>New Journal of Chemistry</i> , 2017 , 41, 3143-3153	3.6	28
53	Field-Induced Slow Magnetic Relaxation in a Mononuclear Manganese(II) Complex. <i>Inorganic Chemistry</i> , 2019 , 58, 991-994	5.1	28
52	Magnetic, high-field EPR studies and catalytic activity of Schiff base tetranuclear CuII2FeIII2 complexes obtained by direct synthesis. <i>Dalton Transactions</i> , 2013 , 42, 16909-19	4.3	27
51	Slow Magnetic Relaxation in Cobalt(II) Field-Induced Single-Ion Magnets with Positive Large Anisotropy. <i>Inorganic Chemistry</i> , 2018 , 57, 12740-12755	5.1	27
50	Field-Supported Slow Magnetic Relaxation in Hexacoordinate Co(II) Complexes with Easy Plane Anisotropy. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1520-1525	2.3	26
49	Field influence on the slow magnetic relaxation of nickel-based single ion magnets. <i>Dalton Transactions</i> , 2018 , 47, 7879-7882	4.3	26
48	Zero-field splitting in tetracoordinate Co(II) complexes. <i>Polyhedron</i> , 2012 , 36, 79-84	2.7	25
47	Field-Induced Slow Magnetic Relaxation in Mononuclear Tetracoordinate Cobalt(II) Complexes Containing a Neocuproine Ligand. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3080-3086	2.3	25
46	Slow magnetic relaxation in a Co(II) octahedral-tetrahedral system formed of a [CoL] core with L = bis(diphenylphosphano) methane and tetrahedral [CoBr] counter anions. <i>Dalton Transactions</i> , 2017 , 46, 4148-4151	4.3	24
45	Field effects to slow magnetic relaxation in a mononuclear Ni(II) complex. <i>Chemical Communications</i> , 2017 , 53, 6930-6932	5.8	23
44	Structural, spectral and magnetic properties of carboxylato cobalt(II) complexes with heterocyclic N-donor ligands: Reconstruction of magnetic parameters from electronic spectra. <i>Inorganica Chimica Acta</i> , 2012 , 388, 106-113	2.7	21
43	Five mononuclear pentacoordinate Co(II) complexes with field-induced slow magnetic relaxation. <i>Polyhedron</i> , 2017 , 126, 174-183	2.7	20

42	Field-Supported Single-Molecule Magnets of Type [Co(bzimpy)X ₂]. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1915-1922	2.3	19
41	Magnetism of dinuclear benzoato cobalt(II) complexes modeled by a general bilinear exchange. <i>Inorganica Chimica Acta</i> , 2013 , 394, 401-409	2.7	19
40	Slow magnetic relaxation in Ni-Ln (Ln = Ce, Gd, Dy) dinuclear complexes. <i>Dalton Transactions</i> , 2019 , 48, 13943-13952	4.3	18
39	Positive zero-field splitting in a hexacoordinate nickel(II) complex. <i>Inorganic Chemistry Communication</i> , 2013 , 32, 9-11	3.1	17
38	Synthesis, structure and magnetic properties of Ni(II)Co(II) heterodinuclear complexes with ONNO type Schiff bases as ligands. <i>Polyhedron</i> , 2013 , 59, 1-7	2.7	16
37	Self-assembly synthesis, structure, topology, and magnetic properties of a mononuclear Fe(III)-violurate derivative: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2016 , 45, 16166-16172	4.3	15
36	Low-dimensional compounds containing cyanido groups. XXVI. Crystal structure, spectroscopic and magnetic properties of Co(II) complexes with non-linear pseudohalide ligands. <i>Polyhedron</i> , 2014 , 81, 396-408	2.7	14
35	Octahedral-Tetrahedral Systems [Co(dppm)][CoX] Showing Slow Magnetic Relaxation with Two Relaxation Modes. <i>Inorganic Chemistry</i> , 2018 , 57, 4352-4358	5.1	13
34	Crystal structure, spectroscopic and magnetic properties, and antimicrobial activities of cobalt(II) 2-methylthionicotinate complexes with N-heterocyclic ligands. <i>Transition Metal Chemistry</i> , 2008 , 33, 967-974	2.1	13
33	Direct synthesis of a {Co(II)Fe(II)} dodecanuclear complex, revealing an unprecedented molecular structure type. <i>Dalton Transactions</i> , 2015 , 44, 10918-22	4.3	12
32	Self-assembled cobalt(II) Schiff base complex: synthesis, structure, and magnetic properties. <i>Monatshefte für Chemie</i> , 2011 , 142, 789-795	1.4	12
31	Long magnetic relaxation time of tetracoordinate Co in imidazo[1,5-a]pyridinium-based (CHN)[CoCl] hybrid salt and [Co(CHN)Cl] molecular complex. <i>Dalton Transactions</i> , 2019 , 48, 11278-11284	4.3	11
30	Synthesis, crystal structure, spectra and magnetic properties of new manganese(III) and iron(III) dipicolinate complexes. <i>Polyhedron</i> , 2013 , 56, 9-17	2.7	11
29	Slow magnetic relaxations in a ladder-type Dy(III) complex and its dinuclear analogue. <i>Dalton Transactions</i> , 2017 , 46, 5344-5351	4.3	10
28	Synthesis, characterization, electrochemical and magnetic study of mixed ligand mono iron and O-methoxy bridged diiron complexes. <i>Inorganica Chimica Acta</i> , 2015 , 435, 262-273	2.7	10
27	Slow magnetic relaxation in hexacoordinated cobalt(II) field-induced single-ion magnets. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 2637-2650	6.8	10
26	Synthesis, structure and magnetic properties of homotrinnuclear Ni(II) complexes with asymmetric Schiff-base ligands. <i>Inorganica Chimica Acta</i> , 2014 , 421, 531-537	2.7	10
25	Slow magnetic relaxation in Cu(II)Eu(III) and Cu(II)La(III) complexes. <i>New Journal of Chemistry</i> , 2019 , 43, 12698-12701	3.6	9

24	Slow magnetic relaxation in a high-spin pentacoordinate Fe(III) complex. <i>Chemical Communications</i> , 2019 , 55, 13868-13871	5.8	9
23	Synthesis, crystal structures, spectral and magnetic properties of nickel(II) pyridinecarboxylates with N-heterocyclic ligands. <i>Inorganica Chimica Acta</i> , 2015 , 429, 73-80	2.7	8
22	Above Room Temperature Spin Transition in Thermally Stable Mononuclear Fe(III) Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 1134-1146	5.1	8
21	Structure and magnetism of a Mn(III)-Mn(II)-Mn(II)-Mn(III) chain complex. <i>Dalton Transactions</i> , 2013 , 42, 9490-4	4.3	7
20	Low spin Fe(II) complexes formed of monosubstituted 2,6-bis(2-benzimidazolyl)pyridine ligands. <i>Polyhedron</i> , 2017 , 123, 122-131	2.7	7
19	Copper(II) and cobalt(II) hydroxypyridinecarboxylates: Synthesis, crystal structures, spectral and magnetic properties. <i>Chemical Papers</i> , 2008 , 62,	1.9	7
18	Synthesis, crystal structure and magnetic properties of trithiocyanurate or thiodiacetate polynuclear Ni(II) and Co(II) complexes. <i>Inorganica Chimica Acta</i> , 2014 , 416, 147-156	2.7	6
17	Exceptionally slow magnetic relaxation in a mononuclear hexacoordinate Ni(II) complex. <i>Dalton Transactions</i> , 2019 , 48, 11647-11650	4.3	5
16	o-Phenylenedioxydiacetate complexes of Gd(III) and Ce(III): syntheses, crystal structures, and magnetic properties. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 1046-1060	1.6	5
15	Reciprocating Thermal Behavior in Multichannel Relaxation of Cobalt(II) Based Single Ion Magnets. <i>Magnetochemistry</i> , 2021 , 7, 76	3.1	5
14	Slow magnetic relaxation in a azido cobalt(II) methylquinoline chain complex. <i>Dalton Transactions</i> , 2018 , 47, 15745-15750	4.3	5
13	A study of [1]benzofuro[3,2-c]pyridine derivatives. <i>Arkivoc</i> , 2010 , 2010, 269-281	0.9	4
12	Structural and magnetic characterization of Ni(II), Co(II), and Fe(II) binuclear complexes on a bis(pyridyl-triazolyl)alkane basis. <i>Dalton Transactions</i> , 2019 , 48, 10526-10536	4.3	3
11	Study of zero-field splitting in Ni(II) complexes with near octahedral geometry. <i>Inorganica Chimica Acta</i> , 2019 , 491, 138-146	2.7	3
10	Effect of the distant substituent on the slow magnetic relaxation of the mononuclear Co(II) complex with pincer-type ligands. <i>Dalton Transactions</i> , 2020 , 49, 4206-4210	4.3	3
9	Impact of tetrahedral and square planar geometry of Ni(II) complexes with (pseudo)halide ligands to magnetic properties. <i>Inorganica Chimica Acta</i> , 2018 , 483, 352-358	2.7	3
8	Redetermination of Zero-Field Splitting in [Co(qu)2Br2] and [Ni(PPh3)2Cl2] Complexes. <i>Nova Biotechnologica Et Chimica</i> , 2016 , 15, 200-211	0.4	3
7	A Mixed Valence CoCo Field-Supported Single Molecule Magnet: Solvent-Dependent Structural Variation. <i>Molecules</i> , 2021 , 26,	4.8	3

6	Diamagnetic cobalt(III)tris(o-ethylxanthate) and nickel(II)bis(o-ethylxanthate). <i>Nova Biotechnologica Et Chimica</i> , 2017 , 16, 138-146	0.4	2
5	Effect of the Distant Substituent to Slow Magnetic Relaxation of Pentacoordinate Fe(III) Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 14871-14878	5.1	2
4	On new solvatomorphs of the metalloligand [Ni(o-van-en)]. <i>Inorganica Chimica Acta</i> , 2020 , 512, 119874	2.7	2
3	Field induced slow magnetic relaxation in a zig-zag chain-like Dy(III) complex with the ligand o-phenylenedioxydiacetato. <i>New Journal of Chemistry</i> , 2020 , 44, 13458-13465	3.6	2
2	Positive zero-field splitting and unexpected slow magnetic relaxation in the magneto-chemical calibrant HgCo(NCS). <i>Dalton Transactions</i> , 2021 , 50, 3468-3472	4.3	2
1	Synthesis of furo[3,2-b]pyrrole-5-carboxhydrazides and their Cu, Co and Ni complexes. <i>Scientific World Journal, The</i> , 2012 , 2012, 915798	2.2	