

# Jörn Titi

## List of Publications by Year in descending order

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78  
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#	ARTICLE	IF	CITATIONS
1	Simple Mononuclear Cobalt(II) Complex: A Single-Molecule Magnet Showing Two Slow Relaxation Processes. <i>Inorganic Chemistry</i> , 2014, 53, 2367-2369.	4.0	159
2	A mononuclear Ni(II) complex: a field induced single-molecule magnet showing two slow relaxation processes. <i>Dalton Transactions</i> , 2015, 44, 12484-12487.	3.3	129
3	Magnetostructural <i>D</i> Correlations in Hexacoordinated Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 11838-11845.	4.0	119
4	Single-Molecule Magnetism in a Pentacoordinate Cobalt(II) Complex Supported by an Antenna Ligand. <i>Inorganic Chemistry</i> , 2014, 53, 8200-8202.	4.0	115
5	Field Supported Slow Magnetic Relaxation in a Mononuclear Cu(II) Complex. <i>Inorganic Chemistry</i> , 2017, 56, 1478-1482.	4.0	109
6	Magnetostructural <i>D</i> Correlation in Nickel(II) Complexes: Reinvestigation of the Zero-Field Splitting. <i>Inorganic Chemistry</i> , 2010, 49, 3971-3973.	4.0	106
7	Three tetracoordinate Co(II) complexes [Co(biq)X <sub>2</sub> ] (X = Cl, Br, I) with easy-plane magnetic anisotropy as field-induced single-molecule magnets. <i>Dalton Transactions</i> , 2015, 44, 17565-17571.	3.3	100
8	Zero-Field Splitting in Pseudotetrahedral Co(II) Complexes: a Magnetic, High-Frequency and -Field EPR, and Computational Study. <i>Inorganic Chemistry</i> , 2013, 52, 9409-9417.	4.0	82
9	Tetranuclear Hetero-Metal [CoII <sub>2</sub> LnIII <sub>2</sub> ] (Ln = Gd, Tb, Dy, Ho, La) Complexes Involving Carboxylato Bridges in a Rare 1:2:2 Mode: Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2014, 53, 1295-1306.	4.0	66
10	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.	4.0	54
11	Heteroleptic nickel(II) complexes formed from N-donor bases, carboxylic acids and water: Magnetostructural correlations. <i>Polyhedron</i> , 2006, 25, 3261-3268.	2.2	53
12	Field-Induced Slow Magnetic Relaxation in a Mononuclear Manganese(II) Complex. <i>Inorganic Chemistry</i> , 2019, 58, 991-994.	4.0	48
13	A mononuclear Co(II) complex formed from pyridinedimethanol with manifold slow relaxation channels. <i>Dalton Transactions</i> , 2017, 46, 10950-10956.	3.3	45
14	Magneto-structural relationships for a mononuclear Co(II) complex with large zero-field splitting. <i>Inorganica Chimica Acta</i> , 2010, 363, 147-156.	2.4	43
15	Magnetostructural correlations in heteroleptic nickel(II) complexes. <i>Polyhedron</i> , 2007, 26, 1523-1530.	2.2	42
16	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, 13242-13249.	3.3	41
17	Bis-phenoxido and bis-acetato bridged heteronuclear {Co <sup>III</sup> Dy <sup>III</sup> } single molecule magnets with two slow relaxation branches. <i>Dalton Transactions</i> , 2016, 45, 7510-7520.	3.3	41
18	Slow Magnetic Relaxation in Cobalt(II) Field-Induced Single-Ion Magnets with Positive Large Anisotropy. <i>Inorganic Chemistry</i> , 2018, 57, 12740-12755.	4.0	41

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19	A tetracoordinate Co(II) single molecule magnet based on triphenylphosphine and isothiocyanato group. <i>Polyhedron</i> , 2016, 110, 85-92.	2.2	39
20	Structural characterization, spectral and magnetic properties of isothiocyanate nickel(II) complexes with furopyridine derivatives. <i>Polyhedron</i> , 2005, 24, 1510-1516.	2.2	38
21	Magnetostructural study of tetracoordinate cobalt(II) complexes. <i>Inorganic Chemistry Communication</i> , 2013, 35, 72-75.	3.9	37
22	Zero-field splitting in pentacoordinate Co(II) complexes. <i>Polyhedron</i> , 2013, 65, 122-128.	2.2	37
23	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.	3.3	37
24	The structure and magnetism of mono- and di-nuclear Ni(II) complexes derived from {N <sub>3</sub> O}-donor Schiff base ligands. <i>New Journal of Chemistry</i> , 2017, 41, 3143-3153.	2.8	34
25	Tetracoordinate Co(II) complexes containing bathocuproine and single molecule magnetism. <i>New Journal of Chemistry</i> , 2016, 40, 6593-6598.	2.8	33
26	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.	2.0	33
27	Field effects to slow magnetic relaxation in a mononuclear Ni(II) complex. <i>Chemical Communications</i> , 2017, 53, 6930-6932.	4.1	32
28	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.	4.0	32
29	Field influence on the slow magnetic relaxation of nickel-based single ion magnets. <i>Dalton Transactions</i> , 2018, 47, 7879-7882.	3.3	31
30	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.	2.0	31
31	Zero-field splitting in tetracoordinate Co(II) complexes. <i>Polyhedron</i> , 2012, 36, 79-84.	2.2	30
32	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.	3.3	30
33	Slow magnetic relaxation in Ni-Ln (Ln = Ce, Gd, Dy) dinuclear complexes. <i>Dalton Transactions</i> , 2019, 48, 13943-13952.	3.3	30
34	Slow magnetic relaxation in a Co(II) octahedral-tetrahedral system formed of a [CoL <sub>3</sub> ] <sup>2+</sup> core with L = bis(diphenylphosphanoxy) methane and tetrahedral [CoBr <sub>4</sub> ] <sup>2-</sup> counter anions. <i>Dalton Transactions</i> , 2017, 46, 4148-4151.	3.3	27
35	Field-Supported Single-Molecule Magnets of Type [Co(bzimpy)X <sub>2</sub> ]. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1915-1922.	2.0	25
36	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.	2.4	24

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37	Slow magnetic relaxation in hexacoordinated cobalt( <i>ii</i> ) field-induced single-ion magnets. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2637-2650.	6.0	24
38	Five mononuclear pentacoordinate Co(II) complexes with field-induced slow magnetic relaxation. <i>Polyhedron</i> , 2017, 126, 174-183.	2.2	22
39	Magnetism of dinuclear benzoato cobalt(II) complexes modeled by a general bilinear exchange. <i>Inorganica Chimica Acta</i> , 2013, 394, 401-409.	2.4	20
40	Slow magnetic relaxation in a high-spin pentacoordinate Fe( <i>iii</i> ) complex. <i>Chemical Communications</i> , 2019, 55, 13868-13871.	4.1	19
41	Positive zero-field splitting in a hexacoordinate nickel(II) complex. <i>Inorganic Chemistry Communication</i> , 2013, 32, 9-11.	3.9	18
42	Self-assembly synthesis, structure, topology, and magnetic properties of a mononuclear Fe( <i>iii</i> )-violurate derivative: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2016, 45, 16166-16172.	3.3	18
43	Slow magnetic relaxations in a ladder-type Dy( <i>iii</i> ) complex and its dinuclear analogue. <i>Dalton Transactions</i> , 2017, 46, 5344-5351.	3.3	17
44	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.	2.2	16
45	Slow magnetic relaxation in Cu( <i>ii</i> )-Eu( <i>iii</i> ) and Cu( <i>ii</i> )-La( <i>iii</i> ) complexes. <i>New Journal of Chemistry</i> , 2019, 43, 12698-12701.	2.8	16
46	Long magnetic relaxation time of tetracoordinate Co <sup>2+</sup> in imidazo[1,5-a]pyridinium-based (C <sub>13</sub> H <sub>12</sub> N <sub>3</sub> ) <sub>2</sub> [CoCl <sub>4</sub> ] hybrid salt and [Co(C <sub>13</sub> H <sub>12</sub> N <sub>3</sub> )Cl <sub>3</sub> ] molecular complex. <i>Dalton Transactions</i> , 2019, 48, 11278-11284.	3.3	16
47	Above Room Temperature Spin Transition in Thermally Stable Mononuclear Fe(III) Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 1134-1146.	4.0	16
48	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.	2.2	15
49	Low spin Fe(II) complexes formed of monosubstitued 2,6-bis(2-benzimidazolyl)pyridine ligands. <i>Polyhedron</i> , 2017, 123, 122-131.	2.2	15
50	Octahedral-Tetrahedral Systems [Co( <i>dppm</i> ) <sub>3</sub> O <sub>2</sub> ] <sup>2+</sup> [CoX <sub>4</sub> ] <sup>2-</sup> Showing Slow Magnetic Relaxation with Two Relaxation Modes. <i>Inorganic Chemistry</i> , 2018, 57, 4352-4358.	4.0	15
51	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.	1.4	14
52	Self-assembled cobalt(II) Schiff base complex: synthesis, structure, and magnetic properties. <i>Monatshefte für Chemie</i> , 2011, 142, 789-795.	1.8	13
53	Synthesis, crystal structure, spectra and magnetic properties of new manganese(III) and iron(III) dipicolinate complexes. <i>Polyhedron</i> , 2013, 56, 9-17.	2.2	13
54	Direct synthesis of a {Co <sub>11</sub> Fe <sub>11</sub> } dodecanuclear complex, revealing an unprecedented molecular structure type. <i>Dalton Transactions</i> , 2015, 44, 10918-10922.	3.3	13

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55	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.	2.4	13
56	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.	2.4	12
57	Reciprocating Thermal Behavior in Multichannel Relaxation of Cobalt(II) Based Single Ion Magnets. <i>Magnetochemistry</i> , 2021, 7, 76.	2.4	12
58	Synthesis, structure and magnetic properties of homotrinnuclear Ni(II) complexes with asymmetric Schiff-base ligands. <i>Inorganica Chimica Acta</i> , 2014, 421, 531-537.	2.4	11
59	Synthesis, crystal structures, spectral and magnetic properties of nickel(II) pyridinecarboxylates with N-heterocyclic ligands. <i>Inorganica Chimica Acta</i> , 2015, 429, 73-80.	2.4	11
60	Copper(II) and cobalt(II) hydroxypyridinecarboxylates: Synthesis, crystal structures, spectral and magnetic properties. <i>Chemical Papers</i> , 2008, 62, .	2.2	10
61	Exceptionally slow magnetic relaxation in a mononuclear hexacoordinate Ni(II) complex. <i>Dalton Transactions</i> , 2019, 48, 11647-11650.	3.3	10
62	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.	2.4	9
63	Unusual slow magnetic relaxation in a mononuclear copper(II) complex. <i>Dalton Transactions</i> , 2022, 51, 5612-5616.	3.3	9
64	Structure and magnetism of a Mn(III)-Mn(II)-Mn(II)-Mn(III) chain complex. <i>Dalton Transactions</i> , 2013, 42, 9490.	3.3	8
65	<i>o</i> -Phenylenedioxydiacetate complexes of Gd(III) and Ce(III): syntheses, crystal structures, and magnetic properties. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1046-1060.	2.2	7
66	Slow magnetic relaxation in a $\frac{1}{4}$ -azido cobalt(II) methylquinoline chain complex. <i>Dalton Transactions</i> , 2018, 47, 15745-15750.	3.3	6
67	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.	3.3	6
68	Effect of the Distant Substituent to Slow Magnetic Relaxation of Pentacoordinate Fe(III) Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 14871-14878.	4.0	6
69	Field induced slow magnetic relaxation in a zig-zag chain-like Dy(III) complex with the ligand <i>o</i> -phenylenedioxydiacetato. <i>New Journal of Chemistry</i> , 2020, 44, 13458-13465.	2.8	6
70	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.	3.3	6
71	Redetermination of Zero-Field Splitting in [Co(II)2Br2] and [Ni(PPH3)2Cl2] Complexes. <i>Nova Biotechnologica Et Chimica</i> , 2016, 15, 200-211.	0.1	5
72	Study of zero-field splitting in Ni(II) complexes with near octahedral geometry. <i>Inorganica Chimica Acta</i> , 2019, 491, 138-146.	2.4	5

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73	A Mixed Valence CoII/CoIII2 Field-Supported Single Molecule Magnet: Solvent-Dependent Structural Variation. <i>Molecules</i> , 2021, 26, 1060.	3.8	4
74	A study of [1]benzofuro[3,2-c]pyridine derivatives. <i>Arkivoc</i> , 2010, 2010, 269-281.	0.5	4
75	Diamagnetic cobalt(III)tris(o-ethylxanthate) and nickel(II)bis(o-ethylxanthate). <i>Nova Biotechnologica Et Chimica</i> , 2017, 16, 138-146.	0.1	3
76	On new solvatomorphs of the metalloligand [Ni(o-van-en)]. <i>Inorganica Chimica Acta</i> , 2020, 512, 119874.	2.4	3
77	Positive zero-field splitting and unexpected slow magnetic relaxation in the magneto-chemical calibrant HgCo(NCS) <sub>4</sub> . <i>Dalton Transactions</i> , 2021, 50, 3468-3472.	3.3	2
78	Synthesis of Furo[3,2-b]pyrrole-5-carboxhydrazides and Their Cu, CO and Ni Complexes. <i>Scientific World Journal</i> , The, 2012, 2012, 1-4.	2.1	0