

Eva Rentschler

List of Publications by Year in descending order

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docs citations

190
times ranked

4519
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Heterometallic{Cr7M} Wheels. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 101-105.	13.8	205
2	Magnetic Anisotropy of the Antiferromagnetic Ring [Cr8F8Piv16]. <i>Chemistry - A European Journal</i> , 2002, 8, 277-285.	3.3	194
3	Room Temperature Operational Thermochromic Liquid Crystals. <i>Chemistry of Materials</i> , 2006, 18, 2513-2519.	6.7	143
4	A new dinuclear unsymmetric copper(II) complex as model for the active site of catechol oxidase. <i>Inorganica Chimica Acta</i> , 2001, 320, 12-21.	2.4	131
5	A Three-Dimensional Molecular Ferrimagnet Based on Ferricyanide and [Ni(tren)] ²⁺ Building Blocks. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1947-1949.	4.4	130
6	A Co ₃₆ Cluster Assembled from the Reaction of Cobalt Pivalate with 2,3-Dicarboxypyrazine. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9366-9370.	13.8	119
7	A Tetracopper(II)-Tetraradical Cuboidal Core and Its Reactivity as a Functional Model of Phenoxazinone Synthase. <i>Inorganic Chemistry</i> , 2007, 46, 9895-9905.	4.0	117
8	DC and AC conductivity and dielectric properties of the metal-radical compound: Aqua[bis(2-dimethylaminomethyl-4-NIT-phenolato)]copper(II). <i>Solid State Communications</i> , 2003, 128, 63-67.	1.9	100
9	Syntheses, Structures, and Magnetic Properties of Diphenoxo-Bridged Cu ^{II} Ln ^{III} and Ni ^{II} (Low-Spin)Ln ^{III} Compounds Derived from a Compartmental Ligand (Ln = Tj ETQq1.d. 0.784914 rgB	4.0	92
10	Effects of Systematic Variation in Bridging Ligand Structure on the Electrochemical and Magnetic Properties of a Series of Dinuclear Molybdenum Complexes. <i>Inorganic Chemistry</i> , 1996, 35, 2701-2703.	4.0	92
11	Luminescence and Light-Driven Energy and Electron Transfer from an Exceptionally Long-Lived Excited State of a Non-Innocent Chromium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18075-18085.	13.8	87
12	Molecule-Based Magnets: Ferro- and Antiferromagnetic Interactions in Copper(II)-Polyorganosiloxanolate Clusters. <i>Inorganic Chemistry</i> , 1996, 35, 4427-4431.	4.0	86
13	Polynuclear Nickel(II) Complexes: Preparation and Magnetic Properties of Ni ^{II} 4, Ni ^{II} 5, and Ni ^{II} 6 Species with Ligands containing O-X-O (X = S, Se or N) Donor Atoms. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3167-3178.	2.0	85
14	Ferromagnetic order in the sulfur-containing nitronyl nitroxide radical, 2-(4-thiomethyl)phenyl-4,4,5,5-tetramethylimidazoline-1-oxyl-3-oxide, NIT(SMe)Ph. <i>Advanced Materials</i> , 1995, 7, 476-478.	21.0	78
15	Synthesis, crystal structure, and magnetic properties of two new Cu(II) complexes with end-to-end azido bridging ligands. <i>New Journal of Chemistry</i> , 2001, 25, 1203-1207.	2.8	78
16	12-MC-4 metallacrowns as versatile tools for SMM research. <i>Coordination Chemistry Reviews</i> , 2015, 289-290, 238-260.	18.8	77
17	A Vanadium(III) Complex with Blue and NIR-II Spin-Flip Luminescence in Solution. <i>Journal of the American Chemical Society</i> , 2020, 142, 7947-7955.	13.7	74
18	Horseshoes, Rings, and Distorted Rings: Studies of Cyclic Chromium-Fluoride Cages. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5978-5981.	13.8	72

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19	Strongly Red-Emissive Molecular Ruby [Cr(bpmp) ₂] ³⁺ Surpasses [Ru(bpy) ₃] ²⁺ . Journal of the American Chemical Society, 2021, 143, 11843-11855.	13.7	66
20	Exchange coupling in a bis(heterodinuclear) [CuII NiII] ₂ and a linear heterotrinnuclear complex CoIIICuIINiII. Synthesis, structures and properties. Dalton Transactions RSC, 2000, , 251-258.	2.3	65
21	A family of heterometallic wheels containing potentially fourteen hundred siblings. Chemical Communications, 2005, , 1125-1127.	4.1	59
22	Tuning the Basicity of Synergic Bimetallic Reagents: Switching the Regioselectivity of the Direct Dimetalation of Toluene from 2,5- to 3,5-Positions. Angewandte Chemie - International Edition, 2008, 47, 6208-6211.	13.8	57
23	Direct C ₆ H Metalation with Chromium(II) and Iron(II): Transition-Metal Host-Benzenediide Guest Magnetic Inverse-Crown Complexes. Angewandte Chemie - International Edition, 2009, 48, 3317-3321.	13.8	55
24	Synthesis and Characterization of Heterometallic {Cr7M} Wheels. Angewandte Chemie, 2003, 115, 105-109.	2.0	54
25	Sodium-Mediated Manganation: Direct Mono- and Dimanganation of Benzene and Synthesis of a Transition-Metal Inverse-Crown Complex. Angewandte Chemie - International Edition, 2007, 46, 4662-4666.	13.8	53
26	Azine-Bridged Octanuclear Copper(II) Complexes Assembled with a One-Stranded Ditopic Thiocarbohydrazone Ligand. Angewandte Chemie - International Edition, 2005, 44, 7938-7942.	13.8	52
27	Structural and Magnetic Characterization of a 1/4-1,5-Dicyanamide-Bridged Iron Basic Carboxylate [Fe3O(O2C(CH3)3)6] 1D Chain. Inorganic Chemistry, 2008, 47, 7960-7962.	4.0	51
28	Molecule-Based Magnets: Ferro- and Antiferromagnetic Interactions in Nickel(II) Cyclohexasiloxanolate Sandwich Complexes. Inorganic Chemistry, 1995, 34, 5383-5387.	4.0	49
29	A unique series of dinuclear transition metal "polyradical complexes with a m-phenylenediamine spacer and their catalytic reactivity. Chemical Communications, 2003, , 1828-1829.	4.1	49
30	Two New Supramolecular Architectures of Singly Phenoxo-Bridged Copper(II) and Doubly Phenoxo-Bridged Manganese(II) Complexes Derived from an Unusual ONOO Donor Hydrazone Ligand: Syntheses, Structural Variations, Cryomagnetic, DFT, and EPR Studies. European Journal of Inorganic Chemistry, 2009, 2009, 2915-2928.	2.0	48
31	{Co ^{III} } ₂ Dy ^{III} single molecule magnet with two resolved thermal activated magnetization relaxation pathways at zero field. Dalton Transactions, 2014, 43, 2361-2364.	3.3	48
32	Structure and Magnetic Properties of a Heptanuclear Nickel(II) Compound: [Ni7(1/4-NO2)8(1/4-2-OH)2(1/4-3-OH)2(OHpn)2(Opn)2]2·7H2O. Inorganic Chemistry, 1996, 35, 3723-3724.	4.0	47
33	On the rational synthesis and properties of exchange-coupled heterotrinnuclear systems containing [MAMBMB] and [MAMBMC] cores. Dalton Transactions RSC, 2000, , 4263-4271.	2.3	47
34	Ground Spin State Variation in Carboxylate-Bridged Tetranuclear [Fe2Mn2O2] ⁸⁺ Cores and a Comparison with Their [Fe4O2] ⁸⁺ and [Mn4O2] ⁸⁺ Congeners. European Journal of Inorganic Chemistry, 2003, 2003, 541-555.	2.0	46
35	Synthesis, crystal structure and magnetic properties of the tetranuclear complex [Ni4(OCH3)4(dbm)4(CH3OH)4]2(C2H5)2O. Inorganica Chimica Acta, 1996, 247, 231-235.	2.4	45
36	Syntheses, Structures, Magnetic Properties, and Density Functional Theory Magneto-Structural Correlations of Bis(1/4-phenoxo) and Bis(1/4-phenoxo)-1/4-acetate/Bis(1/4-phenoxo)-bis(1/4-acetate) Dinuclear Fe ^{III} Ni ^{II} Compounds. Inorganic Chemistry, 2013, 52, 12881-12892.	4.0	45

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37	Synthesis and Spectroscopy of $\frac{1}{4}$ -Oxo (O ²⁻)-Bridged Heme/Non-heme Diiron Complexes: Models for the Active Site of Nitric Oxide Reductase. <i>Inorganic Chemistry</i> , 2004, 43, 651-662.	4.0	43
38	Self-Assembly of a Nonanuclear Nickel(II) Complex and Its Magnetic Properties. <i>Inorganic Chemistry</i> , 2005, 44, 8176-8178.	4.0	43
39	Structural and Magnetic Insights into the Trinuclear Ferrocenophane and Unexpected Hydrido Inverse Crown Products of Alkali-Metal-Mediated Manganation(II) of Ferrocene. <i>Chemistry - A European Journal</i> , 2009, 15, 856-863.	3.3	43
40	Syntheses, characterisation, magnetism and photoluminescence of a homodinuclear Ln(III)-Schiff base family. <i>Dalton Transactions</i> , 2009, , 10263.	3.3	43
41	A rational assembly of a series of exchange coupled linear heterotrinnuclear complexes of the type MAMBMC as exemplified by FeIII CuII NiII, FeII NiII CuII and CoII CuII NiII. <i>Chemical Communications</i> , 1998, , 2475-2476.	4.1	42
42	Ddpd as Expanded Terpyridine: Dramatic Effects of Symmetry and Electronic Properties in First Row Transition Metal Complexes. <i>Inorganics</i> , 2018, 6, 86.	2.7	41
43	Novel series of hexanuclear MIII complexes (M=V, Cr, Mn, Fe) with the [M ₆ O ₂] core as exemplified by the CrIII complex. <i>New Journal of Chemistry</i> , 1998, 22, 553-555.	2.8	40
44	Crystal Structure and Electronic and Magnetic Properties of Hexacyanoosmate(III). <i>Inorganic Chemistry</i> , 2006, 45, 2361-2363.	4.0	40
45	Triple bridged $\frac{1}{4}$ -phenoxo-bis($\frac{1}{4}$ -carboxylate) and double bridged $\frac{1}{4}$ -phenoxo- $\frac{1}{4}$ 1,1-azide/ $\frac{1}{4}$ -methoxide dicopper(II) complexes: Syntheses, structures, magnetochemistry, spectroscopy and catecholase activity. <i>Polyhedron</i> , 2013, 50, 270-282.	2.2	40
46	A novel Cu(II) dimer containing oxime-hydrazone Schiff base ligands with an unusual mode of coordination: Study of magnetic, autoreduction and solution properties. <i>Polyhedron</i> , 2013, 53, 48-55.	2.2	40
47	Enforcement of a high-spin ground state for the first 3d heterometallic 12-metallacrown-4 complex. <i>Dalton Transactions</i> , 2014, 43, 15308-15312.	3.3	39
48	Structural and magnetic characterization of a 1D chain of [Co(II) ₂ ($\frac{1}{4}$ -aqua)($\frac{1}{4}$ -carboxylate) ₂] strung cores. <i>Dalton Transactions</i> , 2009, , 2609.	3.3	38
49	Electrical conductivity, dielectric permittivity and thermal properties of the compound aqua[bis(2-dimethylaminomethyl-4-NIT-phenolato)] copper(II) including NaCl impurity. <i>Physica B: Condensed Matter</i> , 2003, 334, 443-450.	2.7	37
50	Experimental and Theoretical Electron Density Distribution and Magnetic Properties of the Butterfly-like Complex [Fe ₄ O ₂ (O ₂ CCMe ₃) ₈ (NC ₅ H ₄ Me) ₂] \cdot 2CH ₃ CN. <i>Inorganic Chemistry</i> , 2003, 42, 7593-7601.	4.0	37
51	A Discrete $\frac{1}{4}$ -4-Oxido Tetranuclear Iron(III) Cluster. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4273-4278.	2.0	35
52	A Click-Functionalized Single-Molecule Magnet Based on Cobalt(II) and Its Analogous Manganese(II) and Zinc(II) Compounds. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 370-374.	2.0	34
53	Ferromagnetic intermolecular coupling in the nitronyl nitroxide radical 2-(4-thiomethylphenyl)-4,4,5,5-tetramethylimidazoline-1-oxyl-3-oxide, NIT(SMe)Ph. <i>Inorganica Chimica Acta</i> , 1995, 235, 159-164.	2.4	32
54	Multifunctional materials exhibiting spin crossover and liquid-crystalline properties. <i>Hyperfine Interactions</i> , 2006, 166, 385-390.	0.5	31

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55	Bis[(trimethylsilyl)methyl]manganese: Structural Variations of Its Solvent-Free and TMEDA-, Pyridine-, and Dioxane-Complexed Forms. <i>Organometallics</i> , 2009, 28, 2112-2118.	2.3	31
56	Metal Complexes with Nitronyl Nitroxide Substituted Phenolate Ligands Providing New Magnetic Exchange Interaction Pathways \hat{a}^{\sim} Synthesis, Structures, Magnetic Dilution Studies, and Ab Initio Calculations. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2569-2586.	2.0	30
57	Spin Transfer and Magnetic Interaction via Phosphorus in Nitronyl Nitroxide Radical-Substituted Triphenylphosphine Derivatives. <i>Journal of Physical Chemistry A</i> , 2004, 108, 5903-5914.	2.5	29
58	Synthesis, structural characterization and magnetic behaviour of a family of [CoIII2LnIII2] butterfly compounds. <i>Dalton Transactions</i> , 2017, 46, 3400-3409.	3.3	29
59	Hexanuclear copper(II) cage with {Cu3O \hat{a}^{\sim} OCu3} core supported by a dicompartmental oxime ligand with m-xylyl spacer: synthesis, molecular structure and magnetic studies. <i>Dalton Transactions</i> , 2010, 39, 10920.	3.3	28
60	Azide bridged dicopper(II), dicobalt(II) complexes and a rare double \hat{a}^{\sim} 1/4-chloride bridged ferromagnetic dicobalt(II) complex of a pyrazolyl-pyrimidine ligand: Synthesis, crystal structures, magnetic and DFT studies. <i>Polyhedron</i> , 2012, 38, 258-266.	2.2	28
61	Switching nuclearity and Co(\hat{a}^{\sim} ii) content through stoichiometry adjustment: {Co ^{II} ₆ Co ^{III} ₃ } and {Co ^{II} ₄ Co ^{III} ₃ } mixed valent complexes and a study of their magnetic properties. <i>Dalton Transactions</i> , 2015, 44, 2390-2400.	3.3	28
62	Cyclooligosiloxanolate cluster complexes of transition metals and lanthanides. <i>Journal of Molecular Catalysis A</i> , 1996, 107, 313-321.	4.8	27
63	Luminescence and Light-Driven Energy and Electron Transfer from an Exceptionally Long-Lived Excited State of a Non-Innocent Chromium(III) Complex. <i>Angewandte Chemie</i> , 2019, 131, 18243-18253.	2.0	26
64	Rational design of covalently bridged [FeIII2MIIIO] clusters. <i>Dalton Transactions</i> , 2010, 39, 5005.	3.3	25
65	Solvent-dependent SCO Behavior of Dinuclear Iron(II) Complexes with a 1,3,4-Thiadiazole Bridging Ligand. <i>Inorganic Chemistry</i> , 2016, 55, 6414-6419.	4.0	25
66	Organic chelate-free and azido-rich metal clusters and coordination polymers from the use of Me ₃ SiN ₃ : a new synthetic route to complexes with beautiful structures and diverse magnetic properties. <i>Chemical Communications</i> , 2019, 55, 11-26.	4.1	25
67	The First 1,3,4-Oxadiazole Based Dinuclear Iron(II) Complexes Showing Spin Crossover Behavior with Hysteresis. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1955-1960.	2.0	24
68	Exchange coupling across the cyanide bridge: structural and DFT interpretation of the magnetic properties of a binuclear chromium(III) complex. <i>Dalton Transactions</i> , 2006, , 948-954.	3.3	23
69	Experimental and Theoretical Studies of Magnetic Exchange in Silole-Bridged Diradicals. <i>Chemistry - A European Journal</i> , 2006, 12, 5547-5562.	3.3	23
70	Generation and Characterization of [(P)M \hat{a}^{\sim} (X) \hat{a}^{\sim} Co(TMPA)] _n -Assemblies; P = Porphyrinate, M = FeIII and CoIII, X = O ₂ ⁻ , OH ⁻ , O ₂ ²⁻ , and TMPA = Tris(2-pyridylmethyl)amine. <i>Inorganic Chemistry</i> , 2007, 46, 3017-3026.	4.0	23
71	The interplay of crystallization kinetics and morphology during the formation of SnO ₂ nanorods: snapshots of the crystallization from fast microwave reactions. <i>CrystEngComm</i> , 2011, 13, 2487.	2.6	23
72	Spin Crossover and Long-Lived Excited States in a Reduced Molecular Ruby. <i>Chemistry - A European Journal</i> , 2020, 26, 7199-7204.	3.3	23

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73	Copper complexes with mono- and bidentate-bridging nitronyl nitroxide-substituted benzoate ligands. <i>Inorganica Chimica Acta</i> , 2002, 337, 122-130.	2.4	22
74	A T-Shaped μ_3 -Oxido Trinuclear Iron Cluster with High Easy-Plane Anisotropy: Structural and Magnetic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4004-4011.	2.0	22
75	Stacked Nickelocenes: Synthesis, Structural Characterization, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 1667-1673.	4.0	22
76	A Family of Dinuclear Iron(II) SCO Compounds Based on a 1,3,4-Thiadiazole Bridging Ligand. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3632-3636.	2.0	22
77	A Series of $M^{II}Cu^{II}_3$ Stars (M = Mn, Ni, Cu, Zn) Exhibiting Unusual Magnetic Properties. <i>Inorganic Chemistry</i> , 2015, 54, 117-131.	4.0	22
78	Nal/Cu ^{II} heterometallic cages interconnected by unusual linear 2-coordinate OCN-Cu(I)-NCO links: synthesis, structural, magnetostructural correlation and computational studies. <i>Dalton Transactions</i> , 2009, , 9510.	3.3	21
79	Coordination of expanded terpyridine ligands to cobalt. <i>Polyhedron</i> , 2013, 52, 576-581.	2.2	21
80	Studies of a Molecular Hourglass: Synthesis and Magnetic Characterisation of a Cyclic Dodecanuclear {Cr ₁₀ Cu ₂ } Complex. <i>Chemistry - A European Journal</i> , 2006, 12, 8267-8275.	3.3	20
81	With Phosphinophosphonic Acids to Nanostructured, Water-Soluble, and Catalytically Active Rhodium Clusters. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1164-1167.	13.8	20
82	Exploring the exchange interaction in a mixed valence {Co ₄ Co ₂ } hexanuclear cluster with novel topology. <i>Polyhedron</i> , 2012, 31, 779-788.	2.2	20
83	2-Amino-2-methyl-1,3-propanediol (ampdH ₂) as ligand backbone for the synthesis of cobalt complexes: Mononuclear Co(II), binuclear Co(II,III) and hexanuclear Co(II,III). <i>Polyhedron</i> , 2013, 51, 192-200.	2.2	20
84	Magnetic Study of a Pentanuclear {Co ₂ III Co ₃ II} Cluster with a Bent {Co ₃ } Motif. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2561-2568.	2.0	20
85	Magnetism of metallacrown single-molecule magnets: From a simplest model to realistic systems. <i>Physical Review B</i> , 2018, 97, .	3.2	20
86	Tri- and tetranuclear heteropivalate complexes with core {Fe ₂ Ni O} ($x = 1, 2$): Synthesis, structure, magnetic and thermal properties. <i>Polyhedron</i> , 2019, 159, 426-435.	2.2	20
87	Multi-temperature X-ray diffraction, Mössbauer spectroscopy and magnetic susceptibility studies of a solvated mixed-valence trinuclear iron formate, [Fe ₃ O(HCO ₂) ₆ (NC ₅ H ₄ CH ₃) ₃] \cdot 1.3(NC ₅ H ₄ CH ₃). <i>Dalton Transactions RSC</i> , 2002, , 2981.	2.3	19
88	Field-induced slow magnetic relaxation in the first Dy(III)-centered 12-metallacrown-4 double-decker. <i>Dalton Transactions</i> , 2019, 48, 15381-15385.	3.3	19
89	Spin transition in three-dimensional bridged coordination polymers of iron(II)-urea-triazoles. <i>Inorganica Chimica Acta</i> , 2008, 361, 3646-3653.	2.4	18
90	Long-Distance Magnetic Interaction of Exchange-Coupled Copper Dimers with Nitronyl Nitroxide and <i>tert</i> -Butyl Nitroxide Radicals. <i>Inorganic Chemistry</i> , 2009, 48, 7244-7250.	4.0	18

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91	cis-2,2'-Bipyrimidine-Bridged Polynuclear Complex: A Stairway-like Mixed-Valent {Fe ₄ } Cluster. <i>Inorganic Chemistry</i> , 2010, 49, 8953-8961.	4.0	18
92	Tailoring the Exchange Interaction in Covalently Linked Basic Carboxylate Clusters through Bridging Ligand Selection. <i>Inorganic Chemistry</i> , 2012, 51, 8373-8384.	4.0	18
93	Beyond the Heisenberg Model: Anisotropic Exchange Interaction between a Cu(II) Tetrazaporphyrin Monolayer and Fe^{3+} O ₄ Ti FTOq 1 1 0.784314 røBT /Overlock 10 Tf 50 642 Td	7.8	18
94	Coordination versatility of 1,5-bis(salicylidene)carbohydrazide in Ni(II) complexes. <i>Inorganic Chemistry Communication</i> , 2014, 39, 140-143.	3.9	18
95	Aggregation of [LnIII ₁₂] clusters by the dianion of 3-formylsalicylic acid. Synthesis, crystal structures, magnetic and luminescence properties. <i>Dalton Transactions</i> , 2019, 48, 1700-1708.	3.3	18
96	Synthesis, X-ray crystal structure and magnetic study of the 1D $\{[\text{Cu}(\text{N,N-diethyl-1,2-ethanediamine})(\frac{1}{4}1,5\text{-dca})(\text{dca})]\}_n$ complex. <i>Polyhedron</i> , 2007, 26, 736-740.	2.2	17
97	Magnetic polyorganosiloxane core-shell nanoparticles: Synthesis, characterization and magnetic fractionation. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 3519-3526.	2.3	17
98	Combination of single-molecule magnet behaviour and luminescence properties in a new series of lanthanide complexes with tris(pyrazolyl)borate and oligo(β^2 -diketonate) ligands. <i>Dalton Transactions</i> , 2020, 49, 7774-7789.	3.3	17
99	2D Copper(II) Complex Built from N-Methyl-1,3-diamino-2-propanolate and Azide Ligands: Structure, Magnetic, and DFT Studies. <i>Inorganic Chemistry</i> , 2008, 47, 6322-6328.	4.0	16
100	Mononuclear Mn(III) and dinuclear Mn(III,III) Schiff base complexes: Influence of π - π stacking on magnetic properties. <i>Polyhedron</i> , 2012, 38, 297-303.	2.2	16
101	Exploring the Slow Relaxation of the Magnetization in Co ^{III} -Decorated Dy ^{III} Units. <i>Chemistry - A European Journal</i> , 2016, 22, 14308-14318.	3.3	16
102	Phase Trapping in Multistep Spin Crossover Compound. <i>Inorganic Chemistry</i> , 2020, 59, 2843-2852.	4.0	16
103	Crystal Structure, Spectroscopy and Magnetic Properties of a Novel Fe ^{III} Unsymmetric Tetranuclear Complex: A Model for met-Hemerythrin. <i>Chemistry Letters</i> , 2000, 29, 540-541.	1.3	15
104	Modeling the Geometric, Electronic, and Redox Properties of Iron(III)-Containing Amphiphiles with Asymmetric [N ₂ O] Headgroups. <i>Inorganic Chemistry</i> , 2011, 50, 8356-8366.	4.0	15
105	Rational linkage of magnetic molecules using click chemistry. <i>Chemical Communications</i> , 2015, 51, 6524-6527.	4.1	15
106	Structures and Magnetic Properties of Bis(μ_4 -phenoxido), Bis(μ_4 -phenoxido) μ_4 -carboxylato and Bis(μ_4 -phenoxido)bis(μ_4 -carboxylato) Fe ^{III} Ni ^{II} Compounds - Magnet structural Correlations. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 680-689.	2.0	15
107	Long-Distance Magnetic Interaction between a Mn ^{III} Mn ^{IV} (S=1/2) Core and an Organic Radical: A Spectroscopic Model for the S ₂ Yz. State of Photosystem II. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4775-4779.	13.8	14
108	Syntheses, structures, electrochemical measurements and magnetic properties of two iron(III) complexes derived from N,N'-o-phenylenebis(3-ethoxysalicylaldimine). <i>Journal of Molecular Structure</i> , 2011, 1006, 216-222.	3.6	13

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109	Limiting nuclearity in formation of polynuclear metal complexes through [2 + 3] cycloaddition: synthesis and magnetic properties of tri- and pentanuclear metal complexes. Dalton Transactions, 2014, 43, 8083-8093.	3.3	13
110	Folded Cr ₁₂ Co ₁₂ and Cr ₁₂ Ni ₁₂ wheels: a sharp increase in nuclearity of heterometallic chromium rings. Chemical Communications, 2014, 50, 3871.	4.1	13
111	Analyzing the enforcement of a high-spin ground state for a metallacrown single-molecule magnet. Physical Review B, 2016, 93, .	3.2	13
112	Polynuclear copper(II) complexes with hexadentate Schiff base directed by the counter ion. Syntheses, crystal structures and magnetic properties. Inorganica Chimica Acta, 2018, 475, 133-141.	2.4	13
113	Nitronyl Nitroxide Radicals Linked to Exchange-Coupled Metal Dimers - Studies Using X-ray Crystallography, Magnetic Susceptibility Measurements, EPR Spectroscopy, and DFT Calculations. European Journal of Inorganic Chemistry, 2009, 2009, 1495-1502.	2.0	12
114	Ferromagnetic coupled 1/4-phenoxo-1/4-carboxylato heterodinuclear complexes based on the Cr(salen) moiety: structural and magnetic characterization. Dalton Transactions, 2009, , 7660.	3.3	12
115	Synthesis and antimicrobial screening of tetra Schiff bases of 1,2,4,5-tetra (5-amino-1,3,4-thiadiazole-2-yl)benzene. Journal of Saudi Chemical Society, 2014, 18, 269-275.	5.2	12
116	1,2,4-Triazole Schiff base directed synthesis of polynuclear iron complexes: Investigating the magnetic properties going from a dimer to a 1D chain to a 3D framework. Polyhedron, 2018, 154, 364-372.	2.2	12
117	[W(NPPPh ₃) ₄]Cl ₂ ? Ein Phosphaniminato-Komplex mit einem Wolfram-Dikation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1993, 619, 999-1003.	1.2	11
118	Structural, magnetic and electronic characterization of an isostructural series of dinuclear complexes of 3d metal ions bridged by tpbd. Polyhedron, 2013, 52, 788-796.	2.2	11
119	Mononuclear and tetranuclear Fe(III) complexes with two different types of N, O donor Schiff base ligands. Journal of Molecular Structure, 2013, 1041, 44-49.	3.6	11
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