

# Talal Mallah

## List of Publications by Year in descending order

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192  
papers

12,425  
citations

20817

60  
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28297

105  
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206  
all docs

206  
docs citations

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times ranked

7279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Terphenylthiazole-based self-assembled monolayers on cobalt with high conductance photo-switching ratio for spintronics. <i>Nanoscale</i> , 2022, 14, 5725-5742.	5.6	2
2	XAS and XMCD Reveal a Cobalt(II) Imide Undergoes High-Pressure-Induced Spin Crossover. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5784-5792.	3.1	4
3	Charge transfer driven by ultrafast spin transition in a CoFe Prussian blue analogue. <i>Nature Chemistry</i> , 2021, 13, 10-14.	13.6	96
4	Magnetic properties of two Gd <sup>III</sup> /Fe <sup>III</sup> <sub>4</sub> metallocrowns and strategies for optimizing the magnetocaloric effect of this topology. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2611-2623.	6.0	6
5	Robust magnetic anisotropy of a monolayer of hexacoordinate Fe(II) complexes assembled on Cu(111). <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2395-2404.	6.0	9
6	Electrical read-out of light-induced spin transition in thin film spin crossover/graphene heterostructures. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2712-2720.	5.5	40
7	Thermal Bistability of an Ultrathin Film of Iron(II) Spin-Crossover Molecules Directly Adsorbed on a Metal Surface. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6152-6158.	4.6	26
8	Collective Magnetic Behavior of 11 nm Photo-Switchable CsCoFe Prussian Blue Analogue Nanocrystals: Effect of Dilution and Light Intensity. <i>Magnetochemistry</i> , 2021, 7, 99.	2.4	3
9	A high-frequency EPR study of magnetic anisotropy and intermolecular interactions of Co(II) ions. <i>Polyhedron</i> , 2021, 208, 115389.	2.2	5
10	Chemical tuning of spin clock transitions in molecular monomers based on nuclear spin-free Ni(II) complexes. <i>Chemical Science</i> , 2021, 12, 5123-5133.	7.4	13
11	The design of magneto-plasmonic nanostructures formed by magnetic Prussian Blue-type nanocrystals decorated with Au nanoparticles. <i>Chemical Communications</i> , 2021, 57, 1903-1906.	4.1	6
12	Magnetic Hysteresis in a Monolayer of Oriented 6 nm CsNiCr Prussian Blue Analogue Nanocrystals. <i>Inorganic Chemistry</i> , 2021, 60, 16388-16396.	4.0	0
13	Voltage-Induced Bistability of Single Spin-Crossover Molecules in a Two-Dimensional Monolayer. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11029-11034.	4.6	14
14	Magnetic Relaxation Studies on Trigonal Bipyramidal Cobalt(II) Complexes. <i>Chemistry - an Asian Journal</i> , 2020, 15, 391-397.	3.3	11
15	Playing with Magnetic Anisotropy in Hexacoordinated Mononuclear Ni(II) Complexes, An Interplay Between Symmetry and Geometry. <i>Applied Magnetic Resonance</i> , 2020, 51, 1215-1231.	1.2	12
16	Long-range electron transport in Prussian blue analog nanocrystals. <i>Nanoscale</i> , 2020, 12, 20374-20385.	5.6	4
17	Photoswitchable 11 nm CsCoFe Prussian Blue Analogue Nanocrystals with High Relaxation Temperature. <i>Inorganic Chemistry</i> , 2020, 59, 13153-13161.	4.0	24
18	Coupling Nanostructured CsNiCr Prussian Blue Analogue to Resonant Microwave Fields. <i>Advanced Quantum Technologies</i> , 2020, 3, 1900101.	3.9	2

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19	Anomalous Light-Induced Spin-State Switching for Iron(II) Spin-Crossover Molecules in Direct Contact with Metal Surfaces. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13341-13346.	13.8	34
20	Anomalous Light-Induced Spin-State Switching for Iron(II) Spin-Crossover Molecules in Direct Contact with Metal Surfaces. <i>Angewandte Chemie</i> , 2020, 132, 13443-13448.	2.0	3
21	Luminescence from Isolated Tb-based Metallacrown Molecular Complexes on h-BN. <i>Microscopy and Microanalysis</i> , 2019, 25, 604-605.	0.4	3
22	Importance of Epitaxial Strain at a Spin-Crossover Molecule-Metal Interface. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4103-4109.	4.6	39
23	Derivation of Lanthanide Series Crystal Field Parameters From First Principles. <i>Chemistry - A European Journal</i> , 2019, 25, 15112-15122.	3.3	30
24	Influence of a Counteranion on the Zero-Field Splitting of Tetrahedral Cobalt(II) Thiourea Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 9085-9100.	4.0	33
25	Tuning bimetallic catalysts for a selective growth of SWCNTs. <i>Nanoscale</i> , 2019, 11, 4091-4100.	5.6	16
26	Electronic and spin delocalization in a switchable trinuclear triphenylene trisemiquinone bridged Ni <sub>3</sub> complex. <i>Chemical Communications</i> , 2019, 55, 12336-12339.	4.1	8
27	Substituted versus Naked Thiourea Ligand Containing Pseudotetrahedral Cobalt(II) Complexes: A Comparative Study on Its Magnetization Relaxation Dynamics Phenomenon. <i>Inorganic Chemistry</i> , 2018, 57, 3371-3386.	4.0	40
28	Surfaces, thin films and patterning of spin crossover compounds. <i>Comptes Rendus Chimie</i> , 2018, 21, 1270-1286.	0.5	41
29	A Bis-Binuclear Ni <sup>II</sup> Complex with Easy and Hard Axes of Magnetization: Complementary Experimental and Theoretical Insights. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 469-476.	2.0	5
30	Temperature-, Light-, and Soft X-ray-Induced Spin Crossover in a Single Layer of Fe <sup>II</sup> -Pyrazolylborate Molecules in Direct Contact with Gold. <i>Journal of Physical Chemistry C</i> , 2018, 122, 727-731.	3.1	35
31	Probing Transient Photoinduced Charge Transfer in Prussian Blue Analogues with Time-Resolved XANES and Optical Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 272-277.	2.0	24
32	Structural Dependence of the Ising-type Magnetic Anisotropy and of the Relaxation Time in Mononuclear Trigonal Bipyramidal Co(II) Single Molecule Magnets. <i>Inorganic Chemistry</i> , 2017, 56, 1104-1111.	4.0	53
33	Nanoparticles of Prussian blue analogs and related coordination polymers: From information storage to biomedical applications. <i>Coordination Chemistry Reviews</i> , 2017, 346, 32-61.	18.8	158
34	Individual-collective crossover driven by particle size in dense assemblies of superparamagnetic nanoparticles. <i>European Physical Journal B</i> , 2017, 90, 1.	1.5	7
35	Design and Magnetic Properties of a Mononuclear Co(II) Single Molecule Magnet and Its Antiferromagnetically Coupled Binuclear Derivative. <i>Inorganic Chemistry</i> , 2017, 56, 4601-4608.	4.0	32
36	Magnetic Anisotropy in Pentacoordinate Ni <sup>II</sup> and Co <sup>II</sup> Complexes: Unraveling Electronic and Geometrical Contributions. <i>Chemistry - A European Journal</i> , 2017, 23, 3648-3657.	3.3	45

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37	A bird's eye view on the flat and conic band world of the honeycomb and Kagome lattices: towards an understanding of 2D metal-organic frameworks electronic structure. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 465302.	1.8	37
38	Design of a Binuclear Ni(II) Complex with Large Ising-type Anisotropy and Weak Anti-Ferromagnetic Coupling. <i>Inorganic Chemistry</i> , 2017, 56, 10655-10663.	4.0	9
39	New method for the growth of single-walled carbon nanotubes from bimetallic nanoalloy catalysts based on Prussian blue analog precursors. <i>Carbon</i> , 2017, 123, 583-592.	10.3	26
40	The disentangling of hysteretic spin transition, polymorphism and metastability in bistable thin films formed by sublimation of bis(scorpionate) Fe(II) molecules. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11067-11075.	5.5	44
41	Hysteresis in a bimetallic holmium complex: A synergy between electronic and nuclear magnetic interactions. <i>Physical Review B</i> , 2017, 96, .	3.2	8
42	Tools for Predicting the Nature and Magnitude of Magnetic Anisotropy in Transition Metal Complexes: Application to Co(II) Complexes. <i>Magnetochemistry</i> , 2016, 2, 31.	2.4	37
43	Engineering the magnetic coupling and anisotropy at the molecule-magnetic surface interface in molecular spintronic devices. <i>Nature Communications</i> , 2016, 7, 13646.	12.8	41
44	Synthesis, X-ray structure and catecholase activity of an antiferromagnetically coupled trinuclear nickel(II) complex. <i>Polyhedron</i> , 2016, 110, 221-226.	2.2	15
45	Unraveling J <sub>f</sub> and J <sub>e</sub> Effects on Magnetic Anisotropy in <i>cis</i> -Ni <sub>4</sub> B <sub>2</sub> Complexes: Magnetization, HF-EPR Studies, First-Principles Calculations, and Orbital Modeling. <i>Chemistry - A European Journal</i> , 2016, 22, 16850-16862.	3.3	15
46	Synthesis and Magnetic Characterization of Fe(III)-Based 9-Metallacrown-3 Complexes Which Exhibit Magnetorefrigerant Properties. <i>Inorganic Chemistry</i> , 2016, 55, 10238-10247.	4.0	28
47	Molecular-scale dynamics of light-induced spin cross-over in a two-dimensional layer. <i>Nature Communications</i> , 2016, 7, 12212.	12.8	125
48	Single-Molecule Magnet Behavior of Individual Polyoxometalate Molecules Incorporated within Biopolymer or Metal-Organic Framework Matrices. <i>Chemistry - A European Journal</i> , 2016, 22, 6564-6574.	3.3	34
49	Small-angle neutron scattering study of the short-range organization of dispersed CsNi[Cr(CN) <sub>6</sub> ] nanoparticles. <i>Journal of Applied Physics</i> , 2015, 118, 114304.	2.5	2
50	Assessing the exchange coupling in binuclear lanthanide(III) complexes and the slow relaxation of the magnetization in the antiferromagnetically coupled Dy <sub>2</sub> derivative. <i>Chemical Science</i> , 2015, 6, 4148-4159.	7.4	114
51	Imaging the Magnetic Reversal of Isolated and Organized Molecular-Based Nanoparticles using Magnetic Force Microscopy. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 693-700.	2.3	15
52	Tuning the Ising-type anisotropy in trigonal bipyramidal Co(II) complexes. <i>Chemical Communications</i> , 2015, 51, 16475-16478.	4.1	73
53	Magnetization Reversal in CsNi <sub>2</sub> Cr <sub>3</sub> (CN) <sub>6</sub> Coordination Nanoparticles: Unravelling Surface Anisotropy and Dipolar Interaction Effects. <i>Advanced Functional Materials</i> , 2014, 24, 5402-5411.	14.9	37
54	Structural and Electronic Dependence of the Single-Molecule-Magnet Behavior of Dysprosium(III) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 2598-2605.	4.0	49

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55	Chemical tuning of the magnetic relaxation in dysprosium( <sup>iii</sup> ) mononuclear complexes. Dalton Transactions, 2014, 43, 12146-12149.	3.3	45
56	Assembly of heterobimetallic Ni <sup>II</sup> –Ln <sup>III</sup> (Ln <sup>III</sup> = Dy <sup>III</sup> ), Tj ETQq0 0 0 rgBT /Overlock a ferrocene ligand: slow relaxation of the magnetization in Dy <sup>III</sup> , Tb <sup>III</sup> and Ho <sup>III</sup> analogues. Dalton Transactions, 2014, 43, 8921-8932.	3.3	28
57	Tailoring the Structure of Two-Dimensional Self-Assembled Nanoarchitectures Based on Ni <sup>II</sup> –Salen Building Blocks. Chemistry - A European Journal, 2014, 20, 13566-13575.	3.3	6
58	Understanding Spin Structure in Metallocrown Single-Molecule Magnets using Magnetic Compton Scattering. Journal of the American Chemical Society, 2014, 136, 4889-4892.	13.7	45
59	Direct Synthesis and Integration of Individual, Diameter-Controlled Single-Walled Nanotubes (SWNTs). Chemistry of Materials, 2014, 26, 5074-5082.	6.7	12
60	Mn <sup>II</sup> -containing coordination nanoparticles as highly efficient T <sub>1</sub> contrast agents for magnetic resonance imaging. Chemical Communications, 2014, 50, 6740-6743.	4.1	38
61	Ising-type magnetic anisotropy and single molecule magnet behaviour in mononuclear trigonal bipyramidal Co( <sup>ii</sup> ) complexes. Chemical Science, 2014, 5, 3418.	7.4	146
62	Synergy in Photomagnetic/Ferromagnetic <math>50\text{ nm}</math> Core-Multishell Nanoparticles. Inorganic Chemistry, 2013, 52, 10264-10274.	4.0	44
63	Sequential growth at the sub-10 nm scale of cyanide bridged coordination networks on inorganic surfaces. Dalton Transactions, 2013, 42, 15835.	3.3	16
64	Magnetic Anisotropy of Cyanide-Bridged Core and Core-Shell Coordination Nanoparticles Probed by X-ray Magnetic Circular Dichroism. Chemistry - A European Journal, 2013, 19, 6685-6694.	3.3	20
65	Origin of the Magnetic Anisotropy in Heptacoordinate Ni <sup>II</sup> and Co <sup>II</sup> Complexes. Chemistry - A European Journal, 2013, 19, 950-956.	3.3	145
66	Giant Ising-Type Magnetic Anisotropy in Trigonal Bipyramidal Ni(II) Complexes: Experiment and Theory. Journal of the American Chemical Society, 2013, 135, 3017-3026.	13.7	135
67	Click Chemistry as a Convenient Tool for the Incorporation of a Ruthenium Chromophore and a Nickel-Salen Monomer into a Visible-Light-Active Assembly. European Journal of Inorganic Chemistry, 2013, 2013, 494-499.	2.0	10
68	Subcomponent Self-Assembly of Rare-Earth Single-Molecule Magnets. Inorganic Chemistry, 2013, 52, 5194-5200.	4.0	63
69	Sequential growth of bistable copper-molybdenum coordination nanolayers on inorganic surfaces. Dalton Transactions, 2013, 42, 8034.	3.3	8
70	Assembly of Molecular Nanomagnets Into Nanogap Electrodes by Dielectrophoresis. Journal of Nanoscience and Nanotechnology, 2012, 12, 8710-8714.	0.9	1
71	Visualizing the morphology of hybrid nanoparticles at the nanometer level using STEM-EELS spectro-microscopy. Microscopy and Microanalysis, 2012, 18, 1602-1603.	0.4	0
72	Compact Hydrogen-Bonded Self-Assembly of Ni(II)-Salen Derivative Investigated Using Scanning Tunneling Microscopy. Journal of Physical Chemistry C, 2012, 116, 23404-23407.	3.1	12

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73	Tuning the magnetic anisotropy in coordination nanoparticles: random distribution versus core-shell architecture. <i>Chemical Communications</i> , 2012, 48, 11455.	4.1	33
74	Sequential Growth in Solution of NiFe Prussian Blue coordination network nanolayers on Si(100) surfaces. <i>Dalton Transactions</i> , 2012, 41, 1582-1590.	3.3	14
75	Electrical-field-induced structural change and charge transfer of lanthanide-salophen complexes assembled on carbon nanotube field effect transistor devices. <i>Chemical Communications</i> , 2012, 48, 9071.	4.1	9
76	Investigation of the Photoinduced Magnetization of Copper Octacyanomolybdates Nanoparticles by X-ray Magnetic Circular Dichroism. <i>Journal of the American Chemical Society</i> , 2012, 134, 222-228.	13.7	49
77	Charge Transfer and Tunable Ambipolar Effect Induced by Assembly of Cu(II) Binuclear Complexes on Carbon Nanotube Field Effect Transistor Devices. <i>Journal of the American Chemical Society</i> , 2012, 134, 7896-7901.	13.7	24
78	Patterning of Magnetic Bimetallic Coordination Nanoparticles of Prussian Blue Derivatives by the Langmuir-Blodgett Technique. <i>Langmuir</i> , 2012, 28, 4525-4533.	3.5	28
79	Cyanide-bridged NiCr and alternate NiFe-NiCr magnetic ultrathin films on functionalized Si(100) surface. <i>Dalton Transactions</i> , 2012, 41, 4445.	3.3	10
80	Matrix-dependent cooperativity in spin crossover Fe(pyrazine)Pt(CN) <sub>4</sub> nanoparticles. <i>Chemical Communications</i> , 2011, 47, 11501.	4.1	133
81	Photo-induced magnetic bistability in a controlled assembly of anisotropic coordination nanoparticles. <i>Chemical Communications</i> , 2011, 47, 1985.	4.1	37
82	Tailored coordination nanoparticles: assessing the magnetic single-domain critical size. <i>Chemical Communications</i> , 2011, 47, 1051-1053.	4.1	39
83	Single Molecule Magnet Behavior of a Pentanuclear Mn-Based Metallocrown Complex: Solid State and Solution Magnetic Studies. <i>Inorganic Chemistry</i> , 2011, 50, 11348-11352.	4.0	56
84	Pentanuclear Cyanide-Bridged Complexes Based on Highly Anisotropic Co <sup>II</sup> Seven-Coordinate Building Blocks: Synthesis, Structure, and Magnetic Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 12045-12052.	4.0	66
85	Highly symmetric organic ligand-capped Lindqvist structures derived from 3d-elements. <i>Dalton Transactions</i> , 2010, 39, 7774.	3.3	19
86	Molecular Spintronics in Mixed-Valence Magnetic Dimers: The Double-Exchange Blockade Mechanism. <i>Journal of the American Chemical Society</i> , 2010, 132, 8106-8114.	13.7	51
87	Growth and density control of nanometric nickel-iron cyanide-bridged objects on functionalized Si(100) surface. <i>Chemical Communications</i> , 2010, 46, 4327.	4.1	11
88	Assembly of a magnetic polyoxometalate on SWNTs. <i>Nanoscale</i> , 2010, 2, 139-144.	5.6	50
89	Core-Multishell Magnetic Coordination Nanoparticles: Toward Multifunctionality on the Nanoscale. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 183-187.	13.8	133
90	Magnetic Bistability of Individual Single-Molecule Magnets Grafted on Single-Wall Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4949-4952.	13.8	97

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91	Functional Coordination Nanoparticles. <i>Inorganic Chemistry</i> , 2009, 48, 3360-3370.	4.0	86
92	Insights into the mechanism of the gas-phase purification of HiPco SWNTs through a comprehensive multi-technique study. <i>New Journal of Chemistry</i> , 2009, 33, 1211.	2.8	12
93	Orientation of Mn <sub>12</sub> molecular nanomagnets in self-assembled monolayers. <i>CrystEngComm</i> , 2009, 11, 2192.	2.6	9
94	Universal Theoretical Approach to Extract Anisotropic Spin Hamiltonians. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 2977-2984.	5.3	270
95	Magnetic Imaging of Cyanide-Bridged Co Coordination Nanoparticles Grafted on FIB-Patterned Si Substrates. <i>Small</i> , 2008, 4, 2240-2246.	10.0	14
96	Large Magnetic Anisotropy in Pentacoordinate NiII Complexes. <i>Chemistry - A European Journal</i> , 2008, 14, 1169-1177.	3.3	75
97	Hexacyanidometalate molecular chemistry, part III: di-, tri-, tetra-, hexa- and hepta-nuclear chromium-nickel complexes: Control of spin, structural anisotropy, intra- and inter-molecular exchange couplings. <i>Inorganica Chimica Acta</i> , 2008, 361, 3505-3518.	2.4	46
98	Magnetic behaviour of negatively charged nickel(II) hexacyanoferrate(III) coordination nanoparticles. <i>Inorganica Chimica Acta</i> , 2008, 361, 3931-3936.	2.4	14
99	Structural and Luminescent Properties of Micro- and Nanosized Particles of Lanthanide Terephthalate Coordination Polymers. <i>Inorganic Chemistry</i> , 2008, 47, 3700-3708.	4.0	177
100	Spin-Crossover Coordination Nanoparticles. <i>Inorganic Chemistry</i> , 2008, 47, 6584-6586.	4.0	293
101	Luminescent coordination nanoparticles. <i>New Journal of Chemistry</i> , 2008, 32, 584.	2.8	56
102	Grafting a Monolayer of Superparamagnetic Cyanide-Bridged Coordination Nanoparticles on Si(100). <i>Inorganic Chemistry</i> , 2008, 47, 1898-1900.	4.0	21
103	Magnetic Langmuir-Blodgett Films of Bimetallic Coordination Nanoparticles of Cs <sub>0.4</sub> Ni[Cr(CN) <sub>6</sub> ] <sub>0.9</sub> . <i>Chemistry of Materials</i> , 2008, 20, 4642-4652.	6.7	29
104	Photoinduced Superparamagnetism in Trimetallic Coordination Nanoparticles. <i>Journal of the American Chemical Society</i> , 2007, 129, 3778-3779.	13.7	85
105	Assessing the Slow Magnetic Relaxation Behavior of Ln <sub>III</sub> 4Mn <sub>III</sub> 6Metallacrowns. <i>Inorganic Chemistry</i> , 2007, 46, 1954-1956.	4.0	139
106	Glycoligands Tuning the Magnetic Anisotropy of NiII Complexes. <i>Chemistry - A European Journal</i> , 2007, 13, 2774-2782.	3.3	37
107	Ferromagnetic Cobalt Metalloclusters. <i>Inorganic Chemistry</i> , 2006, 45, 7038-7040.	4.0	79
108	One step assembly of a nonanuclear Cr <sub>III</sub> 2Ni <sub>III</sub> 7 bimetallic cyanide bridged complex. <i>Chemical Communications</i> , 2006, , 735.	4.1	20



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109	Magnetic anisotropy of two trinuclear and tetranuclear CrIII NiII cyanide-bridged complexes with spin ground states $S = 4$ and $5$ . Dalton Transactions, 2006, , 2818-2828.	3.3	30
110	Minor changes in phosphonate ligands lead to new hexa- and dodeca-nuclear Mn clusters. Journal of Materials Chemistry, 2006, 16, 2576.	6.7	45
111	Spontaneous stabilization and isolation of dispersible bimetallic coordination nanoparticles of $Cs_x Ni [Cr(CN)_6]_y$ . Journal of Materials Chemistry, 2006, 16, 2593-2599.	6.7	76
112	Unexpected diversity and novel features within a family of new azide-bridged MnII complexes of pyridyl/imineligands. Journal of Materials Chemistry, 2006, 16, 278-285.	6.7	49
113	Fe(III) clusters built with tripodal alcohol ligands. Polyhedron, 2006, 25, 325-333.	2.2	29
114	Superparamagnetic bimetallic cyanide-bridged coordination nanoparticles with $T_B = 9$ K. Chemical Communications, 2006, , 1018.	4.1	78
115	Synthesis and Characterization of Mixed-Valent Manganese Phosphonate Cage Complexes. Chemistry - A European Journal, 2006, 12, 8777-8785.	3.3	104
116	Synthesis of a metal-organic dicarboxylate hybrid with three dimensional Na-O-Cu connectivity: structure, magnetic property and controlled solid state thermolysis leading to CuO nanorod. Inorganica Chimica Acta, 2005, 358, 1027-1033.	2.4	29
117	A new (1/43-carbonato)tricopper(II) complex with symmetry related equilateral triangular array of metal centers; structure and magnetism. Inorganica Chimica Acta, 2005, 358, 2711-2717.	2.4	25
118	Magneto-Structural Correlations: Synthesis of a Family of End-On Azido-Bridged Manganese(II) Dinuclear Compounds with $S = 5$ Spin Ground State. Inorganic Chemistry, 2005, 44, 2391-2399.	4.0	117
119	Very Large Ising-Type Magnetic Anisotropy in a Mononuclear NiII Complex. Angewandte Chemie - International Edition, 2005, 44, 1876-1879.	13.8	109
120	Phosphonate Ligands Stabilize Mixed-Valent $\{Mn^{III}2O_x Mn^{II}x\}$ Clusters with Large Spin and Coercivity. Angewandte Chemie - International Edition, 2005, 44, 5044-5048.	13.8	233
121	Photomagnetic nanorods of the $Mo(CN)_8 Cu_2$ coordination network. Chemical Communications, 2005, , 746-748.	4.1	94
122	A Tetranuclear CrIII NiII 3Cyano-Bridged Complex Based on M(tacn) Derivative Building Blocks. Inorganic Chemistry, 2005, 44, 8194-8196.	4.0	35
123	A new approach to grafting a monolayer of oriented Mn12 nanomagnets on silicon. Chemical Communications, 2005, , 2020.	4.1	75
124	Building Molecular Minerals: All Ferric Pieces of Molecular Magnetite. Angewandte Chemie - International Edition, 2004, 43, 5772-5775.	13.8	87
125	Resonant Quantum Tunneling in a New Tetranuclear Iron(III)-Based Single-Molecule Magnet. Advanced Materials, 2004, 16, 1101-1105.	21.0	80
126	An Ni4 Single-Molecule Magnet: Synthesis, Structure and Low-Temperature Magnetic Behavior. European Journal of Inorganic Chemistry, 2004, 2004, 2219-2222.	2.0	152



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127	Structural and Magnetic Properties of Two Carboxylato-Bridged Manganese(II) Complexes with N-Donor Coligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4202-4208.	2.0	66
128	Use of Different Unsaturated Dicarboxylates Toward the Design of New 3D and 2D Networks of Copper(II). <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4675-4680.	2.0	38
129	Star-Shaped Nanomolecules Based on p-Phenylene Sulfide Asterisks with a Persulfurated Coronene Core. <i>Chemistry - A European Journal</i> , 2004, 10, 2895-2904.	3.3	29
130	An Fe(III) wheel with a zwitterionic ligand: the structure and magnetic properties of [Fe(OMe) <sub>2</sub> (proline)] <sub>12</sub> [ClO <sub>4</sub> ] <sub>12</sub> . <i>Chemical Communications</i> , 2004, , 314.	4.1	68
131	Monomeric, Tetrameric, and Polymeric Copper Di-tert-butyl Phosphate Complexes Containing Pyridine Ancillary Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 945-953.	4.0	63
132	Theoretical Study of the Magnetic Behavior of [Fe <sub>8</sub> ] and [Fe <sub>16</sub> ] Wheels. <i>Inorganic Chemistry</i> , 2004, 43, 5410-5415.	4.0	22
133	Cyanide-Bridged Cr(III) Nanoparticles. <i>Advanced Materials</i> , 2003, 15, 826-829.	21.0	149
134	Solvothermal Synthesis of a Tetradecametallic Fe(III) Cluster. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3781-3784.	13.8	127
135	Tuning the magnetic and electronic properties of polynuclear Prussian-blue-like complexes: the role of the organic ligand. <i>Comptes Rendus Chimie</i> , 2003, 6, 283-290.	0.5	7
136	Syntheses, Structural Analyses, and Magneto-Structural Correlations of Three Polymeric Fe(II) Complexes with Azide Ligand. <i>Inorganic Chemistry</i> , 2003, 42, 5966-5973.	4.0	79
137	A Novel Undecametallic Iron(III) Cluster with an S=11/2 Spin Ground State. <i>Inorganic Chemistry</i> , 2003, 42, 6601-6603.	4.0	65
138	Structural Analyses and Magnetic Properties of 3D Coordination Polymeric Networks of Nickel(II) Maleate and Manganese(II) Adipate with the Flexible 1,2-Bis(4-pyridyl)ethane Ligand. <i>Inorganic Chemistry</i> , 2003, 42, 2695-2703.	4.0	160
139	Structural and Magnetic Properties of Carboxylato-Bridged Manganese(II) Complexes Involving Tetradentate Ligands: A Discrete Complex and 1D Polymers. Dependence of on the Nature of the Carboxylato Bridge. <i>Inorganic Chemistry</i> , 2003, 42, 8072-8080.	4.0	105
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