

Sanjit Konar

List of Publications by Year in descending order

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143
papers

5,836
citations

53794

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91884

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g-index

147
all docs

147
docs citations

147
times ranked

5222
citing authors

#	ARTICLE	IF	CITATIONS
1	Guest-Induced Multistep-to-One-Step Reversible Spin Transition with Enhanced Hysteresis in a 2D Hofmann Framework. <i>Inorganic Chemistry</i> , 2022, 61, 4572-4580.	4.0	12
2	Effect of an axial coordination environment on quantum tunnelling of magnetization for dysprosium single-ion magnets with theoretical insight. <i>Dalton Transactions</i> , 2022, 51, 1464-1473.	3.3	10
3	Co ₃ Gd ₄ Cage as Magnetic Refrigerant and Co ₃ Dy ₃ Cage Showing Slow Relaxation of Magnetisation. <i>Molecules</i> , 2022, 27, 1130.	3.8	4
4	Electronic pyroelectricity: the interplay of valence tautomerism and spin transition. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4980-4984.	5.5	7
5	Reversible redox switching between local and global aromaticity for core-modified expanded carbaisophlorinoids. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2818-2821.	2.8	1
6	A tetra Co(II) complex with an open cubane Co ₄ O ₄ core and square-pyramidal Co(II) and octahedral Co(III) centres: bifunctional electrocatalytic activity towards water splitting at neutral pH. <i>Dalton Transactions</i> , 2022, 51, 4510-4521.	3.3	9
7	Halo-substituted Blatter Radicals and Their Role in Modulating Magnetic Interaction in Metal Complexes: A Combined Experimental and Theoretical Study. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0
8	Multifunctional Lanthanide-Doped Binary Fluorides and Graphene Oxide Nanocomposites Via a Task-Specific Ionic Liquid. <i>ACS Omega</i> , 2022, 7, 16906-16916.	3.5	5
9	<i>En route</i> to artificial photosynthesis: the role of polyoxometalate based photocatalysts. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13152-13169.	10.3	12
10	Spin-State Modulation in Fe ^{II} -Based Hofmann-Type Coordination Polymers: From Molecules to Materials. <i>Chemical Record</i> , 2022, 22, .	5.8	8
11	Strong Equatorial Crystal Field Enhances the Axial Anisotropy and Energy Barrier for Spin Reversal Process in Yb ₂ Single Molecule Magnets. <i>Chemistry - A European Journal</i> , 2021, 27, 3449-3456.	3.3	10
12	Synthesis of a palladium based MOF via an effective post-synthetic modification approach and its catalytic activity towards Heck type coupling reactions. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 693-699.	6.0	16
13	Terpyridine-Based 3D Metal-Organic Frameworks: A Structure-Property Correlation. <i>Chemistry - A European Journal</i> , 2021, 27, 5858-5870.	3.3	26
14	Role of Framework-Carrier Interactions in Proton-Conducting Crystalline Porous Materials. <i>Crystal Growth and Design</i> , 2021, 21, 1378-1388.	3.0	20
15	High-temperature electron transfer coupled spin transition (ETCST) with hysteresis in a discrete [Fe ₂ Co ₂] Prussian blue analogue. <i>Chemical Communications</i> , 2021, 57, 5925-5928.	4.1	17
16	A new family of Fe ₄ Ln ₄ (Ln = Dy ^{III} , Gd ^{III}), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 zero-field SMM behavior. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4625-4633.	6.0	10
17	A trapped hexaaqua Co ^{II} complex between the polyanionic sheets of decavanadate reveals high axial anisotropy and field induced SIM behaviour. <i>Dalton Transactions</i> , 2021, 50, 3825-3831.	3.3	17
18	Roles of structure and electron mobilization in enhanced ethanol sensing by Al doped SnO ₂ nanoparticles. <i>Materials Advances</i> , 2021, 2, 3760-3769.	5.4	12

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19	A remarkable energy barrier for spin reversal in a field induced dinuclear ytterbium single molecule magnet. Dalton Transactions, 2021, 50, 13666-13670.	3.3	3
20	Frontispiece: Terpyridine-Based 3D Metal-Organic Frameworks: A Structure-Property Correlation. Chemistry - A European Journal, 2021, 27, .	3.3	0
21	Modulation of Magnetic Anisotropy and Exchange Interaction in Phenoxide-Bridged Dinuclear Co(II) Complexes. Inorganic Chemistry, 2021, 60, 11948-11956.	4.0	10
22	Magnetic Transition in Organic Radicals: The Crystal Engineering Aspects. Crystal Growth and Design, 2021, 21, 5473-5489.	3.0	13
23	Alignment of axial anisotropy of a mononuclear hexa-coordinated Co(II) complex in a lattice shows improved single molecule magnetic behavior over a 2D coordination polymer having a similar ligand field. Dalton Transactions, 2021, 50, 2832-2840.	3.3	10
24	Reversal of magnetic exchange coupling between copper(II) and Blatter radical depending on the coordination environment. Inorganica Chimica Acta, 2020, 503, 119395.	2.4	13
25	Slow Magnetic Relaxation in a One-Dimensional Coordination Polymer Constructed from Hepta-Coordinate Cobalt(II) Nodes. Magnetochemistry, 2020, 6, 45.	2.4	7
26	Slow relaxation of the magnetization, reversible solvent exchange and luminescence in 2D anilato-based frameworks. Chemical Communications, 2020, 56, 9862-9865.	4.1	21
27	Investigation of the role of terminal ligands in magnetic relaxation in a series of dinuclear dysprosium complexes. Inorganic Chemistry Frontiers, 2020, 7, 3352-3363.	6.0	20
28	Solvent-Induced Reversible Spin-Crossover in a 3D Hofmann-Type Coordination Polymer and Unusual Enhancement of the Lattice Cooperativity at the Desolvated State. Inorganic Chemistry, 2020, 59, 13024-13028.	4.0	26
29	Reversible Magnetic Transition in a Bench-Stable Radical Cation Triggered by Structural Transition in the Magnetically Silent Counteranion. Crystal Growth and Design, 2020, 20, 6296-6301.	3.0	10
30	Study of Spin Crossover Property of a Series of X-OMeSalEn (X=6, 5 and 4) Based Fe(III) Complexes. ChemistrySelect, 2020, 5, 14677-14684.	1.5	6
31	Unusual Atmospheric Water Trapping and Water Induced Reversible Restacking of 2D Gallium Sulfide Layers in NaGaS ₂ Formed by Supertetrahedral Building Unit. Chemistry of Materials, 2020, 32, 5589-5603.	6.7	21
32	Alignment of Axial Anisotropy in a 1D Coordination Polymer shows Improved Field Induced Single Molecule Magnet Behavior over a Mononuclear Seven Coordinated Fe ^{II} Complex. Chemistry - an Asian Journal, 2020, 15, 2681-2688.	3.3	5
33	Exchange coupled Co(II) based layered and porous metal-organic frameworks: structural diversity, gas adsorption, and magnetic properties. Dalton Transactions, 2020, 49, 4012-4021.	3.3	18
34	Effect of Axial Ligands on Easy-Axis Anisotropy and Field-Induced Slow Magnetic Relaxation in Heptacoordinated Fe II Complexes. Chemistry - A European Journal, 2020, 26, 4780-4789.	3.3	20
35	Effect of Ligand Field Strength on the Spin Crossover Behaviour in 5-XSalEn (X=Me, Br and OMe) Based Fe(III) Complexes. Chemistry - an Asian Journal, 2020, 15, 1709-1721.	3.3	23
36	Remarkable Energy Barrier for Magnetization Reversal in 3D and 2D Dysprosium-Chloranilate-Based Coordination Polymers. Chemistry - A European Journal, 2020, 26, 8774-8783.	3.3	16

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37	Sizeable Effect of Lattice Solvent on Field Induced Slow Magnetic Relaxation in Seven Coordinated Co ^{II} Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 10686-10693.	4.0	31
38	Probing through-space and through-bond magnetic exchange couplings in a new benzotriazinyl radical and its metal complexes. <i>Dalton Transactions</i> , 2019, 48, 14189-14200.	3.3	12
39	Lanthanide-Based Layer-Type Two-Dimensional Coordination Polymers Featuring Slow Magnetic Relaxation, Magnetocaloric Effect and Proton Conductivity. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3702-3711.	3.3	32
40	The role of 3d-4f exchange interaction in SMM behaviour and magnetic refrigeration of carbonato bridged Cu ₂ LnIII ₂ (Ln = Dy, Tb and Gd) complexes of an unsymmetrical N ₂ O ₄ donor ligand. <i>Dalton Transactions</i> , 2019, 48, 15170-15183.	3.3	48
41	The Voyage of Goldberg: Supramolecular Chemistry and Memories. <i>Crystal Growth and Design</i> , 2019, 19, 3603-3606.	3.0	1
42	Field Induced Single Ion Magnetic Behaviour in Square-Pyramidal Cobalt(II) Complexes with Easy-Plane Magnetic Anisotropy. <i>Magnetochemistry</i> , 2019, 5, 12.	2.4	14
43	Above Room Temperature Spin Transition in Thermally Stable Mononuclear Fe(III) Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 1134-1146.	4.0	16
44	Single-ion magnetic anisotropy in a vacant octahedral Co(II) complex. <i>Dalton Transactions</i> , 2019, 48, 25-29.	3.3	21
45	Zero Field SMM Behavior and Magnetic Refrigeration in Rare Heterometallic Double Stranded Helicates of Cu ₂ Ln ₂ (Ln = Dy, Tb, Gd). <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2429-2436.	2.0	14
46	A new series of tetrahedral Co(II) complexes [CoLX ₂] (X = NCS, Cl, Br, I) manifesting single-ion magnet features. <i>Dalton Transactions</i> , 2018, 47, 3745-3754.	3.3	33
47	Structural Diversity and Selective CO ₂ Adsorption of Metal-Organic Frameworks Built with a Flexible Dipyridyl Ligand and Different Carboxylates. <i>ChemistrySelect</i> , 2018, 3, 785-793.	1.5	7
48	Achieving Amphibious Superprotonic Conductivity in a Cu ^I Metal-Organic Framework by Strategic Pyrazinium Salt Impregnation. <i>Chemistry - A European Journal</i> , 2018, 24, 872-880.	3.3	28
49	3D isomorphous lanthanide coordination polymers displaying magnetic refrigeration, slow magnetic relaxation and tunable proton conduction. <i>Dalton Transactions</i> , 2018, 47, 15405-15415.	3.3	48
50	Field Induced Slow Magnetic Relaxation in a Non Kramers Tb(III) Based Single Chain Magnet. <i>Magnetochemistry</i> , 2018, 4, 59.	2.4	9
51	Field-Induced Slow Magnetic Relaxation and Anion/Solvent Dependent Proton Conduction in Cobalt(II) Coordination Polymers. <i>Crystal Growth and Design</i> , 2018, 18, 6211-6220.	3.0	40
52	Influence of the Coordination Environment on Easy-Plane Magnetic Anisotropy of Pentagonal Bipyramidal Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 9999-10008.	4.0	56
53	Nanoporous Cu(I) Metal-Organic Framework: Selective Adsorption of Benzene and Luminescence Sensing of Nitroaromatics. <i>ChemistrySelect</i> , 2017, 2, 3200-3206.	1.5	21
54	Channel-Assisted Proton Conduction Behavior in Hydroxyl-Rich Lanthanide-Based Magnetic Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 4956-4965.	4.0	73

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55	Investigation of easy-plane magnetic anisotropy in P-ligand square-pyramidal Co ^{II} single ion magnets. <i>Chemical Communications</i> , 2017, 53, 5338-5341.	4.1	45
56	Probing the Effects of Ligand Field and Coordination Geometry on Magnetic Anisotropy of Pentacoordinate Cobalt(II) Single-Ion Magnets. <i>Inorganic Chemistry</i> , 2017, 56, 6870-6878.	4.0	63
57	Quantitative Estimation of Ising-Type Magnetic Anisotropy in a Family of C_3 -Symmetric Co ^{II} Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 12550-12558.	3.3	31
58	Modulating the Slow Relaxation Dynamics of Binuclear Dysprosium(III) Complexes through Coordination Geometry. <i>Magnetochemistry</i> , 2016, 2, 35.	2.4	14
59	A Copper-Based Metal-Organic Framework Acts as a Bifunctional Catalyst for the Homocoupling of Arylboronic Acids and Epoxidation of Olefins. <i>Chemistry - an Asian Journal</i> , 2016, 11, 540-547.	3.3	22
60	Tuning the Magnetoluminescence Behavior of Lanthanide Complexes Having Sphenocorona and Cubic Coordination Geometries. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2774-2782.	2.0	19
61	Lanthanide-Directed Fabrication of Four Tetranuclear Quadruple Stranded Helicates Showing Magnetic Refrigeration and Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2016, 55, 5237-5244.	4.0	104
62	Selective CO ₂ adsorption in four zinc(ⁱⁱ)-based metal organic frameworks constructed using a rigid N,N ² -donor linker and various dicarboxylate ligands. <i>CrystEngComm</i> , 2016, 18, 4395-4404.	2.6	25
63	Phosphonate Based High Nuclearity Magnetic Cages. <i>Accounts of Chemical Research</i> , 2016, 49, 1093-1103.	15.6	62
64	Tuning Proton Conductivity by Interstitial Guest Change in Size-Adjustable Nanopores of a Cu ^I -MOF: A Potential Platform for Versatile Proton Carriers. <i>Chemistry - A European Journal</i> , 2016, 22, 16277-16285.	3.3	33
65	Field-Induced Single-Ion-Magnetic Behavior of Octahedral Co ^{II} in a Two-Dimensional Coordination Polymer. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3545-3552.	2.0	44
66	Field-Induced Single-Ion-Magnetic Behavior of Octahedral Co ^{II} in a Two-Dimensional Coordination Polymer. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3525-3525.	2.0	1
67	Synthesis, structure, magnetic and biological activity studies of bis-hydrazone derived Cu(ⁱⁱ) and Co(ⁱⁱ) coordination compounds. <i>Dalton Transactions</i> , 2016, 45, 11849-11863.	3.3	25
68	Can Side Chain Interactions Nucleate Supramolecular Heterogeneity in Synthetic Tripeptides?. <i>Crystal Growth and Design</i> , 2016, 16, 2130-2139.	3.0	12
69	Tetrahedral M ^{II} based binuclear double-stranded helicates: single-ion-magnet and fluorescence behaviour. <i>Dalton Transactions</i> , 2016, 45, 4548-4557.	3.3	23
70	Densely Packed Lanthanide Cubane Based 3D Metal-Organic Frameworks for Efficient Magnetic Refrigeration and Slow Magnetic Relaxation. <i>Inorganic Chemistry</i> , 2016, 55, 2085-2090.	4.0	112
71	Proton-Conducting Magnetic Coordination Polymers. <i>Chemistry - A European Journal</i> , 2015, 21, 13793-13801.	3.3	38
72	Europium-Based Dinuclear Triple-Stranded Helicate vs. Tetranuclear Quadruple-Stranded Helicate: Effect of Stoichiometric Ratio on the Supramolecular Self-Assembly. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2901-2907.	2.0	18

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73	Unraveling the multi-functional behavior in a series of Metal Organic Frameworks. Journal of Solid State Chemistry, 2015, 229, 103-111.	2.9	6
74	Regulation of the pore size by shifting the coordination sites of ligands in two MOFs: enhancement of CO ₂ uptake and selective sensing of nitrobenzene. Dalton Transactions, 2015, 44, 20926-20935.	3.3	21
75	Influence of the coordination environment on slow magnetic relaxation and photoluminescence behavior in two mononuclear dysprosium(III) based single molecule magnets. Dalton Transactions, 2015, 44, 5086-5094.	3.3	50
76	Study of Proton Conductivity of a 2D Flexible MOF and a 1D Coordination Polymer at Higher Temperature. Inorganic Chemistry, 2015, 54, 1218-1222.	4.0	85
77	Highly selective detection of palladium and picric acid by a luminescent MOF: a dual functional fluorescent sensor. Chemical Communications, 2015, 51, 6576-6579.	4.1	232
78	Structural Adaptation of Ni ₄ O ₄ Units To Form Cubane, Open Dicumane, Dimeric Cubane, and One-Dimensional Polymeric Cubanes: Magnetostructural Correlation of Ni ₄ Clusters. Crystal Growth and Design, 2015, 15, 4132-4141.	3.0	18
79	A family of Fe ³⁺ -based double-stranded helicates showing a magnetocaloric effect, and Rhodamine B dye and DNA binding activities. Dalton Transactions, 2015, 44, 15531-15543.	3.3	27
80	Nanoscope molecular magnets. Inorganic Chemistry Frontiers, 2015, 2, 687-712.	6.0	77
81	Stable Multiresponsive Luminescent MOF for Colorimetric Detection of Small Molecules in Selective and Reversible Manner. Chemistry of Materials, 2015, 27, 5349-5360.	6.7	227
82	Concomitant spin-canted antiferromagnetic ordering and proton conduction in homometallic and homoleptic coordination polymers. Dalton Transactions, 2015, 44, 3949-3953.	3.3	10
83	Exploration of the structural features and magnetic behaviour in a novel 3-dimensional interpenetrating Co(II)-based framework. Journal of Chemical Sciences, 2015, 127, 257-264.	1.5	2
84	Synthesis and Characterization of Polyhedral-Based Metal-Organic Frameworks Using a Flexible Bipyrazole Ligand: Topological Analysis and Sorption Property Studies. Crystal Growth and Design, 2015, 15, 2732-2741.	3.0	41
85	MOF as a syringe pump for the controlled release of iodine catalyst in the synthesis of meso-thienyl dipyrromethanes. Chemical Communications, 2015, 51, 15526-15529.	4.1	16
86	Tuning CO ₂ Uptake and Reversible Iodine Adsorption in Two Isoreticular MOFs through Ligand Functionalization. Chemistry - an Asian Journal, 2015, 10, 653-660.	3.3	66
87	Synthesis, characterisation, water adsorption and proton conductivity of three Cd(II) based luminescent metal-organic frameworks. Inorganic Chemistry Frontiers, 2014, 1, 611-620.	6.0	31
88	Formation of a Magnetically Coupled Neutral [4Å-4] Square Grid from a 2,6-Pyridinedicarbaldehyde Bis(hydrazone) Ligand. European Journal of Inorganic Chemistry, 2014, 2014, 963-967.	2.0	12
89	Designing Functional Metal-Organic Frameworks by Imparting a Hexanuclear Copper-Based Secondary Building Unit Specific Properties: Structural Correlation With Magnetic and Photocatalytic Activity. Crystal Growth and Design, 2014, 14, 6391-6398.	3.0	87
90	A copper based pillared-bilayer metal organic framework: its synthesis, sorption properties and catalytic performance. Dalton Transactions, 2014, 43, 7191-7199.	3.3	43

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91	Hydrothermal Synthesis, Characterization and Gas Adsorption Study of a Zn(II) Based 1D Coordination Polymer. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2014, 84, 213-219.	1.2	4
92	Exploration of Structural Topologies in Metal-Organic Frameworks Based on 3-(4-Carboxyphenyl)propionic Acid, Their Synthesis, Sorption, and Luminescent Property Studies. Crystal Growth and Design, 2014, 14, 2022-2033.	3.0	46
93	Synthesis and Characterization of Two Discrete Ln ₁₀ Nanoscopic Ladder-Type Cages: Magnetic Studies Reveal a Significant Cryogenic Magnetocaloric Effect and Slow Magnetic Relaxation. Chemistry - an Asian Journal, 2014, 9, 1083-1090.	3.3	50
94	Synthesis, crystal structure and study of magnetocaloric effect and single molecular magnetic behaviour in discrete lanthanide complexes. Dalton Transactions, 2014, 43, 9334-9343.	3.3	55
95	High Nuclearity (Octa-, Dodeca-, and Pentadecanuclear) Metal (M = Co ^{II} , Ni ^{II}) Phosphonate Cages: Synthesis, Structure, and Magnetic Behavior. Inorganic Chemistry, 2014, 53, 1606-1613.	4.0	48
96	A porous metal organic framework with a bcu-type topology involving in situ ligand formation synthesis, structure, magnetic property and gas adsorption studies. CrystEngComm, 2014, 16, 369-374.	2.6	48
97	A family of three magnetic metal organic frameworks: their synthesis, structural, magnetic and vapour adsorption study. CrystEngComm, 2014, 16, 4742-4752.	2.6	20
98	A perception of ferro- and antiferromagnetic interactions in a two dimensional Ni ₂ heterochiral coordination polymer showing unusual CO ₂ uptake behavior. Dalton Transactions, 2014, 43, 16996-16999.	3.3	6
99	Modulating the magnetic properties by structural modification in a family of Co-Ln (Ln = Gd, Dy) molecular aggregates. Dalton Transactions, 2014, 43, 14577-14585.	3.3	26
100	Transparent, free-standing, flexible and selective CO ₂ adsorbent films fabricated from homopolymer/metal salt hybrid gels. Journal of Materials Chemistry A, 2014, 2, 2609.	10.3	4
101	Synthesis, crystal structure, magnetic study and magneto-structural correlation of three Cu(ii) complexes formed via pyridine bis(hydrazone) based ligand. RSC Advances, 2014, 4, 12408.	3.6	13
102	Magnetic refrigeration and slow magnetic relaxation in tetranuclear lanthanide cages (Ln = Gd, Dy) with in situ ligand transformation. New Journal of Chemistry, 2014, 38, 3006-3014.	2.8	59
103	Study of Heterogeneous Catalysis by Iron-Squarate based 3D Metal Organic Framework for the Transformation of Tetrazines to Oxadiazole derivatives. Inorganic Chemistry, 2014, 53, 7071-7073.	4.0	37
104	Two Isostructural 3D Lanthanide Coordination Networks (Ln = Gd ³⁺ , Dy ³⁺) with Squashed Cuboid-Type Nanoscopic Cages Showing Significant Cryogenic Magnetic Refrigeration and Slow Magnetic Relaxation. Inorganic Chemistry, 2014, 53, 3926-3928.	4.0	108
105	Synthesis and Characterization of Two Lanthanide (Gd ³⁺ and Dy ³⁺)-Based Three-Dimensional Metal Organic Frameworks with Squashed Metallomacrocyclic Type Building Blocks and Their Magnetic, Sorption, and Fluorescence Properties Study. Crystal Growth and Design, 2014, 14, 1287-1295.	3.0	93
106	Syntheses, Crystal Structures, and Magnetic Properties of Metal-Organic Hybrid Materials of Mn(II)/Co(II): Three-Fold Interpenetrated Γ -Polonium-like Network in One of Them. Crystal Growth and Design, 2014, 14, 3276-3285.	3.0	34
107	Observation of a large magnetocaloric effect in a 2D Gd(iii)-based coordination polymer. Dalton Transactions, 2013, 42, 13331.	3.3	74
108	An Unprecedented Octadecanuclear Copper(II) Pyrazolate-Phosphonate Nanocage: Synthetic, Structural, Magnetic, and Mechanistic Study. Inorganic Chemistry, 2013, 52, 9717-9719.	4.0	31

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109	A 3D Iron(II)-Based MOF with Squashed Cuboctahedral Nanoscopic Cages Showing Spin-Canted Long-Range Antiferromagnetic Ordering. <i>Inorganic Chemistry</i> , 2013, 52, 12064-12069.	4.0	48
110	A Family of Metal-Organic Frameworks Based on Carboxylates and a Neutral, Long, and Rigid Ligand: Their Structural Revelation, Magnetic, and Luminescent Property Study. <i>Crystal Growth and Design</i> , 2013, 13, 5442-5449.	3.0	47
111	Third-Generation Breathing Metal-Organic Framework with Selective, Stepwise, Reversible, and Hysteretic Adsorption Properties. <i>Inorganic Chemistry</i> , 2013, 52, 12866-12868.	4.0	64
112	A 2D coordination polymer based on Co ₃ -SBU showing spin-canting ferromagnetic behaviour. <i>RSC Advances</i> , 2013, 3, 25237.	3.6	25
113	Serendipitous Assemblies of Two Large Phosphonate Cages: A Co ₁₅ Distorted Molecular Cube and a Co ₁₂ Butterfly Type Core Structure. <i>Inorganic Chemistry</i> , 2013, 52, 4127-4129.	4.0	24
114	Lanthanide based coordination polymers chill, relax under magnetic field and also fluoresce. <i>Dalton Transactions</i> , 2013, 42, 9813.	3.3	55
115	KO ^t Bu Mediated Synthesis of Phenanthridinones and Dibenzoazepinones. <i>Organic Letters</i> , 2012, 14, 2838-2841.	4.6	142
116	Reduced Molybdenum-Oxide-Based Core-Shell Hybrids: Blue-Electrons Are Delocalized on the Shell. <i>Chemistry - A European Journal</i> , 2011, 17, 6635-6642.	3.3	24
117	Structural determination and characterization of copper and zinc bis-glycinates with X-ray crystallography and mass spectrometry. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3335-3347.	2.2	19
118	Synthesis, Structural and Magnetochemical Studies of Iron Phosphonate Cages Based on {Fe ₃ O ₇ } ⁺ Core. <i>Inorganic Chemistry</i> , 2009, 48, 5338-5349.	4.0	45
119	Rare Example of 1/4-Nitrito-1 ² O, 2 ² O:2 ¹ O Coordinating Mode in Copper(II) Nitrite Complexes with Monoanionic Tridentate Schiff Base Ligands: Structure, Magnetic, and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2008, 47, 11611-11619.	4.0	55
120	Solvothermal Synthesis and Characterization of Two High-Nuclearity Mixed-Valent Manganese Phosphonate Clusters. <i>Inorganic Chemistry</i> , 2008, 47, 3489-3491.	4.0	67
121	Mixed-Valent Dodecanuclear Vanadium Cluster Encapsulating Chloride Anions and Its Reaction To Form a Bowl-Shaped Cluster. <i>Inorganic Chemistry</i> , 2008, 47, 3492-3494.	4.0	49
122	Synthesis and Characterization of High Nuclearity Iron(III) Phosphonate Molecular Clusters. <i>Inorganic Chemistry</i> , 2008, 47, 5573-5579.	4.0	56
123	Synthesis and Characterization of Four Metal-Organophosphonates with One-, Two-, and Three-Dimensional Structures. <i>Inorganic Chemistry</i> , 2007, 46, 5229-5236.	4.0	75
124	3D Heterometallic (3d-4f) coordination polymers: A ferromagnetic interaction in a Gd(III)-Cu(II) couple. <i>Polyhedron</i> , 2007, 26, 2507-2516.	2.2	39
125	Oxo-, Hydroxo-, and Peroxo-Bridged Fe(III) Phosphonate Cages. <i>Journal of the American Chemical Society</i> , 2006, 128, 9604-9605.	13.7	103
126	Site-Specific Nucleation and Growth Kinetics in Hierarchical Nanosyntheses of Branched ZnO Crystallites. <i>Journal of the American Chemical Society</i> , 2006, 128, 10960-10968.	13.7	360

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127	Solid-State Transformation from Self-Assembled Nanosheets into Ordered Nanorods. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4054-4057.	2.6	12
128	A new porous 2D coordination polymer built by copper(II) and trimesic acid. <i>Inorganica Chimica Acta</i> , 2005, 358, 29-35.	2.4	19
129	Two new Ni(II) complexes with 1,5-dicyanamide as bridging ligand. <i>Inorganica Chimica Acta</i> , 2005, 358, 957-963.	2.4	22
130	Two New 1,3-Azido-Bridged Polymers: Alternating Single and Double Bridges in a 1D Nickel(II) Complex and Uniform Bridge in a 2D Copper(II) Complex: Syntheses, Single-Crystal Structures and Magnetic Studies. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1751-1758.	2.0	36
131	Mn(II)/Co(II)-Terephthalate Frameworks Containing Dipyridine Coligands: Syntheses, Crystal Structures, Magnetic Behaviors, and Thermal Studies. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4646-4654.	2.0	73
132	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
133	Crystal structure and magnetic behavior of a copper(II)-(pyrazine 2,3-dicarboxylate) coordination polymer: 3D architecture stabilized by H-bonding. <i>Inorganica Chimica Acta</i> , 2004, 357, 1593-1597.	2.4	49
134	Two 1,5-dicyanamide bridged 2D and 3D metal complexes formed by covalent bonding and weak interactions. <i>Inorganica Chimica Acta</i> , 2004, 357, 4208-4214.	2.4	23
135	Synthesis, structural analysis, and magnetic behaviour of three fumarate bridged coordination polymers: five-fold interpenetrated diamond-like net of Ni(II), sheets of Ni(II) and Co(II). <i>Dalton Transactions</i> , 2004, , 260-266.	3.3	74
136	Combination of covalent and hydrogen bonding in the formation of 3D Co(II)-fumarate networks. <i>Inorganica Chimica Acta</i> , 2003, 355, 264-271.	2.4	31
137	Syntheses of Two New 1D and 3D Networks of Cu(II) and Co(II) Using Malonate and Urotropine as Bridging Ligands: Crystal Structures and Magnetic Studies. <i>Inorganic Chemistry</i> , 2003, 42, 2545-2552.	4.0	153
138	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
139	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
140	Self-assembly of new three-dimensional molecular architectures of Cd(II) and Ag(I)-Na(I) using croconate as a building block. <i>Dalton Transactions</i> , 2003, , 171-175.	3.3	43
141	The first unequivocally ferromagnetically coupled squarato complex: origin of the ferromagnetism in an interlocked 3D Fe(II) system. <i>Chemical Communications</i> , 2003, , 1424.	4.1	29
142	Synthesis, crystal structure and magneto-structural correlation of two bi-bridging 1D copper(II) chains. Electronic supplementary information (ESI) available: magnetization curve for 1 between 0 and 5 K and an EPR spectrum for 1. See http://www.rsc.org/suppdata/dt/b2/b204728b/ . <i>Dalton Transactions RSC</i> , 2002, , 3471-3476.	2.3	32
143	A Three-Dimensional Homometallic Molecular Ferrimagnet. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1561-1563.	13.8	197