

Paul E Kruger

List of Publications by Year in descending order

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132
papers

8,816
citations

50276

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docs citations

138
times ranked

8414
citing authors

#	ARTICLE	IF	CITATIONS
1	Anion recognition and sensing in organic and aqueous media using luminescent and colorimetric sensors. <i>Coordination Chemistry Reviews</i> , 2006, 250, 3094-3117.	18.8	1,185
2	Colorimetric and fluorescent anion sensors: an overview of recent developments in the use of 1,8-naphthalimide-based chemosensors. <i>Chemical Society Reviews</i> , 2010, 39, 3936.	38.1	1,107
3	Colorimetric "Naked Eye" Sensing of Anions in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2005, 70, 10875-10878.	3.2	373
4	Simple naphthalimide based anion sensors: deprotonation induced colour changes and CO ₂ fixation. <i>Tetrahedron Letters</i> , 2003, 44, 8909-8913.	1.4	253
5	Catalytically Active Bimetallic Nanoparticles Supported on Porous Carbon Capsules Derived From Metal-Organic Framework Composites. <i>Journal of the American Chemical Society</i> , 2016, 138, 11872-11881.	13.7	237
6	Dual responsive chemosensors for anions: the combination of fluorescent PET (Photoinduced) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 44, 6575-6578.	1.4	226
7	The thermal stability of metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2020, 419, 213388.	18.8	197
8	Fluorescent Photoinduced Electron Transfer (PET) Sensors for Anions; From Design to Potential Application. <i>Journal of Fluorescence</i> , 2005, 15, 287-299.	2.5	191
9	Functionalized Iron-Nitrogen-Carbon Electrocatalyst Provides a Reversible Electron Transfer Platform for Efficient Uranium Extraction from Seawater. <i>Advanced Materials</i> , 2021, 33, e2106621.	21.0	184
10	Europium-Directed Self-Assembly of a Luminescent Supramolecular Gel from a Tripodal Terpyridine-Based Ligand. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7208-7212.	13.8	180
11	Self-Assembly of Chiral Luminescent Lanthanide Coordination Bundles. <i>Journal of the American Chemical Society</i> , 2007, 129, 10986-10987.	13.7	164
12	Anion Recognition Using Preorganized Thiourea Functionalized [3]Polynorbornane Receptors. <i>Organic Letters</i> , 2005, 7, 5357-5360.	4.6	146
13	Trace CO ₂ capture by an ultramicroporous physisorbent with low water affinity. <i>Science Advances</i> , 2019, 5, eaax9171.	10.3	143
14	Colorimetric "naked-eye" and fluorescent sensors for anions based on amidourea functionalised 1,8-naphthalimide structures: anion recognition via either deprotonation or hydrogen bonding in DMSO. <i>New Journal of Chemistry</i> , 2008, 32, 1153.	2.8	131
15	Demonstration of bidirectional photoinduced electron transfer (PET) sensing in 4-amino-1,8-naphthalimide based thiourea anion sensors. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3447.	2.8	118
16	Large-scale synthesis of N-doped carbon capsules supporting atomically dispersed iron for efficient oxygen reduction reaction electrocatalysis. <i>EScience</i> , 2022, 2, 227-234.	41.6	108
17	Tunable Synthesis of Hollow Metal-Nitrogen-Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. <i>ACS Nano</i> , 2019, 13, 8087-8098.	14.6	106
18	4-Amino-1,8-naphthalimide-based anion receptors: employing the naphthalimide N-H moiety in the cooperative binding of dihydrogenphosphate. <i>Tetrahedron Letters</i> , 2005, 46, 6579-6584.	1.4	103

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19	Solvent templated synthesis of metal-organic frameworks: structural characterisation and properties of the 3D network isomers $\{[\text{Mn}(\text{dcbp})] \cdot \frac{1}{2}\text{DMF}\}_n$ and $\{[\text{Mn}(\text{dcbp})] \cdot 2\text{H}_2\text{O}\}_n$. <i>Chemical Communications</i> , 2004, , 776-777.	4.1	102
20	A Dinuclear Lanthanide Complex for the Recognition of Bis(carboxylates): Formation of Terbium(III) Luminescent Self-Assembly Ternary Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2006, 45, 9465-9474.	4.0	95
21	A face-capped $[\text{Fe}_4\text{L}_4]^{8+}$ spin crossover tetrahedral cage. <i>Chemical Communications</i> , 2013, 49, 1597.	4.1	89
22	Syntheses, crystal structures and magnetic properties of copper(II) polynuclear and dinuclear compounds with 2,3-bis(2-pyridyl)pyrazine (dpp) and pseudohalide as ligands. <i>Inorganica Chimica Acta</i> , 2001, 325, 115-124.	2.4	88
23	Anion directed assembly of a dinuclear double helicate Electronic supplementary information (ESI) available: Fig. S1: stereoviews showing the packing of 1 in the solid state. Fig. S2: partial ^1H NMR spectra of L2 and 1 and their assignment. See http://www.rsc.org/suppdata/cc/b1/b106981k/ . <i>Chemical Communications</i> , 2001, , 2192-2193.	4.1	86
24	The ligand, the metal and the Holey™-host: Synthesis, structural and magnetic characterisation of Co(II), Ni(II) and Mn(II) metal-organic frameworks incorporating 4,4'-dicarboxy-2,2'-bipyridine. <i>Dalton Transactions</i> , 2004, , 3440-3447.	3.3	86
25	The role of acid in the formation of hydrogen-bonded networks featuring 4,4'-dicarboxy-2,2'-bipyridine (H2dcbp): Synthesis, structural and magnetic characterisation of $\{[\text{Cu}(\text{H}_2\text{dcbp})\text{Cl}_2] \cdot \text{H}_2\text{O}\}_2$ and $[\text{Cu}(\text{H}_2\text{dcbp})(\text{NO}_3)_2(\text{H}_2\text{O})]$. <i>CrystEngComm</i> , 2005, 7, 90-95.	2.6	86
26	The Recognition and Sensing of Anions through Positive Allosteric Effects Using Simple Urea Amide Receptors. <i>Journal of Organic Chemistry</i> , 2008, 73, 9235-9244.	3.2	86
27	A new twist in anion binding: metallo-helicate hosts for anionic guests. <i>Dalton Transactions</i> , 2006, , 1277.	3.3	83
28	Spin crossover in homoleptic Fe(II) imidazolylimine complexes. <i>Coordination Chemistry Reviews</i> , 2018, 362, 24-43.	18.8	78
29	Intramolecular Ferromagnetism in a Novel Hexanuclear (μ -Hydroxo)(μ -carbonato)copper(II) Bipyridine Complex. Structure of $[\text{Cu}_6(\text{bpy})_{10}(\mu\text{-CO}_3)_2(\mu\text{-OH})_2](\text{ClO}_4)_6 \cdot 4\text{H}_2\text{O}$ and of a Dinuclear μ -Carbonato Complex $[\text{Cu}_2(\text{bpy})_4(\mu\text{-CO}_3)](\text{PF}_6)_2 \cdot 2\text{DMF}$. <i>Inorganic Chemistry</i> , 1995, 34, 4808-4814.	4.0	77
30	Tetranuclear copper(II) complexes incorporating short and long metal-metal separations: synthesis, structure and magnetism. <i>Dalton Transactions RSC</i> , 2000, , 713-718.	2.3	70
31	Asymmetric spin crossover behaviour and evidence of light-induced excited spin state trapping in a dinuclear iron(II) helicate. <i>Chemical Communications</i> , 2009, , 221-223.	4.1	70
32	Breaking the trade-off between selectivity and adsorption capacity for gas separation. <i>CheM</i> , 2021, 7, 3085-3098.	11.7	68
33	General Synthetic Strategy for Libraries of Supported Multicomponent Metal Nanoparticles. <i>ACS Nano</i> , 2018, 12, 4594-4604.	14.6	66
34	Metal-Organic Framework Nanocrystals as Sacrificial Templates for Hollow and Exceptionally Porous Titania and Composite Materials. <i>Inorganic Chemistry</i> , 2015, 54, 9483-9490.	4.0	64
35	Unexpected Self-Sorting Self-Assembly Formation of a [4:4] Sulfate:Ligand Cage from a Preorganized Tripodal Urea Ligand. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4566-4570.	13.8	60
36	Dinuclear double helicates with a twist: synthesis, structure and supramolecular entanglement in $[\text{M}_2\text{L}_2]$ metallo-helices $\{\text{M} \dots \text{Co}(\text{II}), \text{Cu}(\text{II}), \text{H}_2\text{L} \dots \text{bis}(\text{N-salicylidene-4,4'-diaminodiphenyl)methane\}_2$. <i>Dalton Transactions RSC</i> , 2001, , 1966-1970.	5.9	59

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37	Coordination and hydrogen bonded networks featuring 4,4'-dicarboxy-2,2'-bipyridine (H2dcbp): structural characterisation of H2dcbp, [Co(dcbp)(H2O)4]·4H2O, and {[Cu(dcbp)(H2O)2]·2H2O} _n . Dalton Transactions, 2003, , 1223-1228.	3.3	58
38	Synthesis and structural characterisation of two coordination polymers (molecular ladders) incorporating [M(OAc)2] secondary building units and 4,4'-bipyridine [M = Cu(ii), Zn(ii)]. CrystEngComm, 2003, 5, 454-458.	2.6	58
39	Anion recognition and anion-mediated self-assembly with thiourea-functionalised fused [3]polynorbornyl frameworks. Organic and Biomolecular Chemistry, 2007, 5, 1894.	2.8	56
40	Partial spin crossover behaviour in a dinuclear iron(ii) triple helicate. Dalton Transactions, 2011, 40, 12368.	3.3	55
41	Structure and Magnetic Properties of a Pyrophosphate-Bridged Cu(II) Complex. Inorganic Chemistry, 2001, 40, 1726-1727.	4.0	54
42	Coordination behaviour and network formation with 4,4',6,6'-tetracarboxy-2,2'-bipyridine and 4,4'-dicarboxy-2,2'-bipyridine ligands with rare and alkaline earth metals. CrystEngComm, 2008, 10, 68-78.	2.6	54
43	Coordination complexes incorporating pyrophosphate: Structural overview and exploration of their diverse magnetic, catalytic and biological properties. Coordination Chemistry Reviews, 2010, 254, 890-915.	18.8	54
44	Highly efficient electrocatalytic hydrogen evolution promoted by O ₂ /Mo-C interfaces of ultrafine Ir ₂ -Mo ₂ C nanostructures. Chemical Science, 2020, 11, 3523-3530.	7.4	54
45	Halogen Substitution Effects on N ₂ O Schiff Base Ligands in Unprecedented Abrupt Fe ^{II} Spin Crossover Complexes. Chemistry - A European Journal, 2017, 23, 7052-7065.	3.3	53
46	Hollow capsules of doped carbon incorporating metal@metal sulfide and metal@metal oxide core-shell nanoparticles derived from metal-organic framework composites for efficient oxygen electrocatalysis. Journal of Materials Chemistry A, 2019, 7, 3624-3631.	10.3	53
47	Selective and tuneable recognition of anions using C _{3v} -symmetrical tripodal urea-amide receptor platforms. Chemical Communications, 2011, 47, 12176.	4.1	47
48	Transient resonance Raman investigation of excited states of [Ru(phen)2dppz] ²⁺ and deuterated analogues in aqueous and non-aqueous environments. Journal of Raman Spectroscopy, 2000, 31, 283-288.	2.5	46
49	Synthesis, X-ray Crystal Structure and Magnetic Properties of Oxalato-Bridged Copper(II) Complexes with 2,3-Bis(2-pyridyl)pyrazine, 2,3-Bis(2-pyridyl)quinoxaline and 2,2'-Bipyrazine as Peripheral Ligands. European Journal of Inorganic Chemistry, 2004, 2004, 4836-4848.	2.0	46
50	Molecular Box versus Helicate: Selective Synthesis of Macrocyclic [Cu ₂ L ₂] ²⁺ and Helical [Cu ₂ L ₃] ⁴⁺ Species. Crystal Growth and Design, 2002, 2, 329-332.	3.0	45
51	Unusual photophysical switching in a Ru(ii) diimine DNA probe caused by amide functionalisation. Dalton Transactions, 2004, , 13.	3.3	45
52	Synthesis and structural and magnetic characterisation of tetranuclear Cu(ii) complexes possessing novel [Cu ₄ (1/4-PO ₄) ₂ (1/4-CO ₃)] butterfly cores that exhibit supramolecular isomerism. Dalton Transactions, 2003, , 4230-4237.	3.3	44
53	Photophysical study of a family of [Ru(phen)2(Mendpq)] ²⁺ complexes in different solvents and DNA: a specific water effect promoted by methyl substitution. Dalton Transactions, 2005, , 1123.	3.3	43
54	Theoretical Study of the Interaction between the Guanidinium Cation and Chloride and Sulfate Anions. Journal of Chemical Theory and Computation, 2005, 1, 1055-1062.	5.3	41

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55	Synthesis and Structural and Magnetic Characterization of $\{[(\text{phen})_2\text{Ni}]_2(\mu_4\text{-P}_2\text{O}_7)_2\} \cdot 27\text{H}_2\text{O}$ and $\{[(\text{phen})_2\text{Mn}]_2(\mu_4\text{-P}_2\text{O}_7)_2\} \cdot 13\text{H}_2\text{O}$: Rare Examples of Coordination Complexes with the Pyrophosphate Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 6668-6674.	4.0	41
56	Symmetry breaking above room temperature in an Fe(<i>sc</i>) spin crossover complex with an N_4O_2 donor set. <i>Chemical Communications</i> , 2017, 53, 1374-1377.	4.1	41
57	Hydrogen-bond tuning of ferromagnetic interactions: synthesis, structure and magnetic properties of polynuclear copper(ii) complexes incorporating p-block oxo-anions. <i>Dalton Transactions</i> , 2006, , 2081.	3.3	40
58	Hysteretic carbon dioxide sorption in a novel copper(ii)-indazole-carboxylate porous coordination polymer. <i>Chemical Communications</i> , 2012, 48, 11558.	4.1	39
59	Substituted dipyridophenazine complexes of Cr(iii): Synthesis, enantiomeric resolution and binding interactions with calf thymus DNA. <i>Dalton Transactions</i> , 2010, 39, 3990.	3.3	38
60	Cross-Linking the Fibers of Supramolecular Gels Formed from a Tripodal Terpyridine Derived Ligand with d-Block Metal Ions. <i>Inorganic Chemistry</i> , 2015, 54, 7735-7741.	4.0	38
61	Polynuclear complexes with bridging pyrophosphate ligands: synthesis and characterisation of $\{[(\text{bipy})\text{Cu}(\text{H}_2\text{O})(\mu\text{-P}_2\text{O}_7)\text{Na}_2(\text{H}_2\text{O})_6]_4 \cdot 4\text{H}_2\text{O}\}$, $\{[(\text{bipy})\text{Zn}(\text{H}_2\text{O})(\mu\text{-P}_2\text{O}_7)\text{Zn}(\text{bipy})]_2 \cdot 14\text{H}_2\text{O}\}$ and $\{[(\text{bipy})(\text{VO})_2]_2(\mu\text{-P}_2\text{O}_7)] \cdot 5\text{H}_2\text{O}\}$. <i>Dalton Transactions</i> , 2005, , 3745.	3.3	34
62	Optical structural correlation in a novel quinoxaline-based anion sensor. <i>Perkin Transactions II RSC</i> , 2001, , 1079-1083.	1.1	31
63	Synthesis and structural characterisation of lanthanide coordination polymers featuring 4,4',6,6'-tetra-carboxy-2,2'-bipyridine and rare network topology. <i>CrystEngComm</i> , 2008, 10, 1018.	2.6	31
64	Cyclen based lanthanide ion ribonuclease mimics: the effect of pyridine cofactors upon phosphodiester HPNP hydrolysis. <i>Tetrahedron Letters</i> , 2005, 46, 3761-3766.	1.4	29
65	Spontaneous Formation of Novel Luminescent Dinuclear Lanthanide Complexes That Emit in the Visible and Near-IR Regions. <i>Inorganic Chemistry</i> , 2011, 50, 2723-2725.	4.0	29
66	Novel platinum(ii) ammine hydroxamate and hydroximate complexes and the platinum-assisted hydrolysis of hydroxamic acids. <i>Dalton Transactions</i> , 2005, , 956.	3.3	28
67	Sulfate-Templated 2D Anion-Layered Supramolecular Self-Assemblies. <i>CheM</i> , 2019, 5, 2617-2629.	11.7	28
68	Picosecond Coherent Vibrational Spectroscopy (CARS) of a DNA-Intercalating Ru Complex. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4854-4862.	2.6	27
69	Synthesis, Structural, Thermal and Magnetic Characterization of a Pyrophosphato-Bridged Cobalt(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2691-2697.	2.0	26
70	The synthesis and characterisation of coordination and hydrogen-bonded networks based on 4-(3,5-dimethyl-1H-pyrazol-4-yl)benzoic acid. <i>Dalton Transactions</i> , 2015, 44, 9269-9280.	3.3	26
71	The "Trinity" helix: synthesis and structural characterisation of a C3-symmetric tris-bidentate ligand and its coordination to Ag(i). <i>Chemical Communications</i> , 2003, , 1274-1275.	4.1	25
72	Synthesis and structural characterisation of a Co(II) coordination polymer incorporating a novel dicarboxy-Triggers base/bis-pyrazole mixed ligand system. <i>Inorganica Chimica Acta</i> , 2012, 389, 112-117.	2.4	25

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73	Photon upconversion in self-assembled materials. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213756.	18.8	24
74	Exploiting the Pyrazole-Carboxylate Mixed Ligand System in the Crystal Engineering of Coordination Polymers. <i>Crystal Growth and Design</i> , 2014, 14, 5749-5760.	3.0	22
75	Reversible Transformation between a $[PdL_2]^{2+}$ μ_2 -Complex and a $[Pd_2L_2]^{4+}$ Dimer: Switching On and Off Self-Recognition. <i>Chemistry - A European Journal</i> , 2019, 25, 1781-1786.	3.3	22
76	Heteroleptic Tripalladium(II) Cages. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	22
77	Metamorphosis of a butterfly: synthesis, structural, thermal, magnetic and DFT characterisation of a ferromagnetically coupled tetranuclear copper(II) complex. <i>Dalton Transactions</i> , 2007, , 5140.	3.3	21
78	Thermally and photo-induced spin crossover behaviour in an Fe(II) imidazolylimine complex: $[FeL_3](ClO_4)_2$. <i>Dalton Transactions</i> , 2012, 41, 12720.	3.3	21
79	Variation of guest selectivity within $[Fe_4L_4]^{8+}$ tetrahedral cages through subtle modification of the face-capping ligand. <i>Dalton Transactions</i> , 2014, 43, 14550-14553.	3.3	21
80	Pyrazolo[4,3- <i>h</i>]quinoline Ligand-Based Iridium(III) Complexes for Electrochemiluminescence. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1649-1658.	3.3	21
81	Long-cavity $[Pd_2L_4]^{4+}$ cages and designer 1,8-naphthalimide sulfonate guests: rich variation in affinity and differentiated binding stoichiometry. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2990-3001.	6.0	21
82	Synthesis, structure, magnetism and electrochemistry of binuclear nickel(II) and copper(II) complexes of an unsymmetrical pentadentate Schiff-base ligand. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2129.	1.1	20
83	Controlled synthesis of heterotetranuclear complexes. <i>Chemical Communications</i> , 1999, , 639-640.	4.1	19
84	A symmetry interaction approach to $[M_2L_2]^{4+}$ metallocycles and their self-catenation. <i>Chemical Communications</i> , 2019, 55, 13271-13274.	4.1	19
85	Using Complementary Ligand Denticity to Direct Metallosupramolecular Structure about Metal Ions with Square-Planar Geometry. <i>ChemPlusChem</i> , 2020, 85, 454-465.	2.8	19
86	Synthesis and crystal and molecular structure of a tetranuclear μ_2 -pair-of-dimers nickel(II) Schiff base complex. Magnetism of the Cu_4 analogue. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1726-1729.	2.0	18
87	A tetranickel(II) macrocyclic complex incorporating five different bridging groups. <i>Chemical Communications</i> , 1997, , 1341-1342.	4.1	18
88	A dihydrogen arsenate-mediated supramolecular network: crystal structure and magnetic properties of $\{[(bipy)Cu(\frac{1}{4}H_2AsO_4)(H_2AsO_4)]_2\}_n$. <i>CrystEngComm</i> , 2002, 4, 13-16.	2.6	18
89	Synthesis of an Fe(II) dinuclear triple helicate from a novel -bis-(N-pyrazolyl)pyridine ligand, $[Fe_2L_3]^{4+}$: solution and solid-state studies. <i>Supramolecular Chemistry</i> , 2012, 24, 553-562.	1.2	18
90	Phenazine-2,3-diamine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 104-105.	0.4	17

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91	Modulating topologies and magnetic properties of coordination polymers using 2,2'-bipyridine and 5-aminodiacetic isophthalic acid as ligands. CrystEngComm, 2009, 11, 1666.	2.6	17
92	Formation of a Polythreaded, Metal-Organic Framework Utilizing an Interlocked Hexadentate, Carboxylate Linker. European Journal of Inorganic Chemistry, 2016, 2016, 4524-4529.	2.0	17
93	Supramolecular frameworks based on 5,10,15,20-tetra(4-carboxyphenyl)porphyrins. Dalton Transactions, 2018, 47, 783-790.	3.3	17
94	Crystallographic, 1H NMR and CD studies of sterically strained thiourea anion receptors possessing two stereogenic centres. New Journal of Chemistry, 2009, 33, 793.	2.8	16
95	Self-Assembly and Cycling of a Three-State Pd _x L _y Metallosupramolecular System. Chemistry - an Asian Journal, 2019, 14, 3404-3408.	3.3	16
96	Cyclic Aliphatic Hydrocarbons as Linkers in Metal-Organic Frameworks: New Frontiers for Ligand Design. ChemPlusChem, 2020, 85, 845-854.	2.8	16
97	Synthesis, magnetism, electrochemistry and reactivity of dinuclear vanadium(III) complexes of a macrocyclic tetraimine Schiff base. Journal of the Chemical Society Dalton Transactions, 1996, , 1223.	1.1	15
98	Synthesis, magnetism and electrochemistry of tetranuclear nickel(II) and copper(II) complexes of an unsymmetrical bis-pentadentate Schiff-base ligand. Polyhedron, 1997, 16, 2659-2665.	2.2	15
99	Discrete and polymeric Cu(II) complexes featuring substituted indazole ligands: their synthesis and structural chemistry. Dalton Transactions, 2014, 43, 16450-16458.	3.3	15
100	A supramolecular porous material comprising Fe(II) mesocates. Chemical Communications, 2018, 54, 13391-13394.	4.1	15
101	A simple and environmentally benign synthesis of polypyridine-polycarboxylic acids. Tetrahedron Letters, 2011, 52, 995-998.	1.4	12
102	Discrete and Polymeric Cu(II) Coordination Complexes with a Flexible bis-(pyridylpyrazole) Ligand: Structural Diversity and Unexpected Solvothermal Reactivity. Australian Journal of Chemistry, 2013, 66, 401.	0.9	12
103	Self-Assembly Synthesis of a [2]Catenane Co ^{II} Single-Molecule Magnet. Angewandte Chemie - International Edition, 2022, 61, .	13.8	12
104	Acid directed in situ oxidation and decarboxylation of 4,4',6,6'-tetra-methyl-2,2'-bipyridine: Synthesis and structural characterisation of 4,4',6-tri-carboxy-2,2'-bipyridine and its copper(II) coordination polymer. Inorganica Chimica Acta, 2013, 403, 102-109.	2.4	11
105	Synthesis and characterisation of dinuclear Co(II), Ni(II) and Cu(II) unsaturated helical complexes from a novel dipyrindyl-bispyrazole ligand. Polyhedron, 2013, 52, 255-260.	2.2	11
106	Preparation of open and closed forms of the lvt network with Cu(II) complexes of structurally related 1,2-diazole ligands. RSC Advances, 2014, 4, 15770.	3.6	11
107	An Isorecticular Series of Zinc(II) Metal-Organic Frameworks Derived from Terpyridylcarboxylate Ligands. Inorganic Chemistry, 2017, 56, 12224-12231.	4.0	11
108	Crystal engineering of dichromate pillared hybrid ultramicroporous materials incorporating pyrazole-based ligands. CrystEngComm, 2018, 20, 1193-1197.	2.6	11

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109	Varied spin crossover behaviour in a family of dinuclear Fe(II) triple helicate complexes. Dalton Transactions, 2018, 47, 7965-7974.	3.3	11
110	Synthesis, structural and magnetic characterisation of iron(II/III), cobalt(II) and copper(II) cluster complexes of the polytopic ligand: N-(2-pyridyl)-3-carboxypropanamide. Dalton Transactions, 2013, 42, 13576.	3.3	9
111	Coordination Polymers and Metal-Organic Frameworks Derived from 4,4'-Dicarboxy-2,2'-bipyridine and 4,4',6,6'-Tetracarboxy-2,2'-bipyridine Ligands: A Personal Perspective. Chimia, 2013, 67, 403-410.	0.6	9
112	Thermal decomposition of hybrid ultramicroporous materials (HUMs). Dalton Transactions, 2020, 49, 17433-17439.	3.3	9
113	Crystal structure of $\text{C}_4\text{H}_{13}\text{N}_3\text{Cu}_2(\text{C}_2\text{O}_4)_2(\text{ClO}_4)_2 \cdot 2\text{H}_2\text{O}$. Zeitschrift Fur Kristallographie - Crystalline Materials, 1994, 209, 624-625.	0.5	8
114	Dimensionality Variation in Dinuclear Cu(II) Complexes of a Heterotripic Pyrazolate Ligand. Crystals, 2014, 4, 32-41.	2.2	7
115	Solvent Dependent Spin-Crossover and Photomagnetic Properties in an Imidazolylimine Fe(II) Complex. Chemistry - an Asian Journal, 2019, 14, 2225-2229.	3.3	7
116	Self-assembly of M_4L_4 tetrahedral cages incorporating pendant $\text{P}^{\text{E}}\text{S}$ and $\text{P}^{\text{E}}\text{Se}$ functionalised ligands. Chemical Communications, 2019, 55, 10304-10307.	4.1	6
117	Exploiting the labile site in dinuclear $[\text{Pd}_2\text{L}_2]^{n+}$ metallo-cycles: multi-step control over binding affinity without alteration of core host structure. Inorganic Chemistry Frontiers, 2020, 7, 3895-3908.	6.0	6
118	Tetrakis(triethylammonium) Hexakis(isothiocyanato-N)nickel(II). Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 617-619.	0.4	5
119	Untangling knotty problems. Nature Chemistry, 2021, 13, 114-116.	13.6	5
120	Heterobinuclear Oxo-Bridged Complexes. III. Cr(III)OxoV Compounds—Synthesis and Magnetic Properties. Australian Journal of Chemistry, 1992, 45, 889.	0.9	4
121	Self-assembly in inorganic chemistry. Dalton Transactions, 2011, 40, 12003.	3.3	4
122	A molecular "back-flip": the structural consequences of the crystal-to-crystal phase transition between $[(\text{phen})_2\text{CuCO}_3] \cdot 11\text{H}_2\text{O}$ and $[(\text{phen})_2\text{CuCO}_3] \cdot 7\text{H}_2\text{O}$. CrystEngComm, 2006, 8, 904-908.	2.6	3
123	Solution-State Spin Crossover in a Family of $[\text{Fe}(\text{L})_2(\text{CH}_3\text{CN})_2](\text{BF}_4)_2$ Complexes. Magnetochemistry, 2019, 5, 22.	2.4	3
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