

Jagadese J Vittal

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#	Paper	IF	Citations
521	One-dimensional coordination polymers: complexity and diversity in structures, properties, and applications. <i>Chemical Reviews</i> , 2011 , 111, 688-764	68.1	922
520	Supramolecular structural transformations involving coordination polymers in the solid state. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 1781-1795	23.2	485
519	Solid-state reactivity and structural transformations involving coordination polymers. <i>Chemical Society Reviews</i> , 2013 , 42, 1755-75	58.5	398
518	Crystal Engineering 2011 ,		371
517	Topochemical photodimerization in the coordination polymer $[(CF_3CO_2)(\mu-O_2CCH_3)Zn]_2(\mu-bpe)_2)_n$ through single-crystal to single-crystal transformation. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2237-41	16.4	246
516	Storage performance of LiFePO ₄ nanoplates. <i>Journal of Materials Chemistry</i> , 2009 , 19, 605-610		241
515	Polymerization of α -olefins by Chelating Diamide Complexes of Titanium. <i>Macromolecules</i> , 1996 , 29, 5241-5243	5.5	238
514	Morphology controlled synthesis of LiFePO ₄ /C nanoplates for Li-ion batteries. <i>Energy and Environmental Science</i> , 2010 , 3, 457	35.4	223
513	Helix inside a Helix: encapsulation of hydrogen-bonded water molecules in a staircase coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5769-72	16.4	219
512	Single-crystal to single-crystal photochemical structural transformations of interpenetrated 3 D coordination polymers by [2+2] cycloaddition reactions. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 390-3	16.4	218
511	Coordination Polymers Versus Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2009 , 9, 2969-2970	3.5	209
510	Stacking of double bonds for photochemical [2+2] cycloaddition reactions in the solid state. <i>Chemical Communications</i> , 2008 , 5277-88	5.8	209
509	Thermal Conversion of a Helical Coil into a Three-Dimensional Chiral Framework. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 3498-3501	16.4	206
508	Coordination networks of Ag(I) and N,N'-bis(3-pyridinecarboxamide)-1,6-hexane: structures and anion exchange. <i>Dalton Transactions RSC</i> , 2002 , 4561-4568		189
507	Trinuclear heterobimetallic Ni ₂ Ln complexes [L ₂ Ni ₂ Ln][ClO ₄] (Ln=La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, and Er; LH ₃ =(S)P[N(Me)NCH-C ₆ H ₃ -2-OH-3-OMe] ₃): from simple paramagnetic complexes to single-molecule magnet behavior. <i>Inorganic Chemistry</i> , 2008 , 47, 4918-29	5.1	185
506	Luminescent Gold(I) Acetylides: From Model Compounds to Polymers. <i>Organometallics</i> , 1997 , 16, 3541-3547	3.8	182
505	Linear trinuclear mixed-metal Co(II)-Gd(III)-Co(II) single-molecule magnet: [L(2)Co(2)Gd][NO(3)] x 2CHCl(3) (LH(3) = (S)P[N(Me)N=CH-C(6)H(3)-2-OH-3-OMe] ₃). <i>Inorganic Chemistry</i> , 2007 , 46, 5140-2	5.1	182

504	Topochemical Conversion of a Hydrogen-Bonded Three-Dimensional Network into a Covalently Bonded Framework. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 1114-1116	16.4	180
503	Lithium storage in a metal organic framework with diamondoid topology Γ_3 case study on metal formates. <i>Journal of Materials Chemistry</i> , 2010 , 20, 8329		168
502	Synthesis, structure, and magnetism of heterobimetallic trinuclear complexes $\{[L_2Co_2Ln][X]\}$ [$L_n = Eu, X = Cl; Ln = Tb, Dy, Ho, X = NO_3; LH_3 = (S)P[N(Me)N=CH-C_6H_3-2-OH-3-OMe]_3$]: A 3d-4f family of single-molecule magnets. <i>Inorganic Chemistry</i> , 2009 , 48, 1148-57	5.1	167
501	Recent Developments in Crystal Engineering. <i>Crystal Growth and Design</i> , 2011 , 11, 875-886	3.5	165
500	Anisotropic movements of coordination polymers upon desolvation: solid-state transformation of a linear 1D coordination polymer to a ladderlike structure. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4337-41	16.4	165
499	Single crystals popping under UV light: a photosalient effect triggered by a [2+2] cycloaddition reaction. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5907-11	16.4	163
498	Syntheses, structural properties and catecholase activity of copper(II) complexes with reduced Schiff base N-(2-hydroxybenzyl)-amino acids. <i>Dalton Transactions</i> , 2004 , 113-21	4.3	159
497	Distortional supramolecular isomers of polyrotaxane coordination polymers: photoreactivity and sensing of nitro compounds. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5591-5	16.4	158
496	Amino acid-containing reduced Schiff bases as the building blocks for metallasupramolecular structures. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 1027-1050	23.2	155
495	Redox-active metal-centered oxalato phosphate open framework cathode materials for lithium ion batteries. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5866-70	16.4	135
494	Two-Dimensional Metal-Organic Framework Materials: Synthesis, Structures, Properties and Applications. <i>Chemical Reviews</i> , 2021 , 121, 3751-3891	68.1	131
493	Molecular Topology: Easy Self-Assembly of an Organometallic Doubly Braided [2]Catenane. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 3819-3822	16.4	127
492	Dicopper(II) Complexes of the Antitumor Analogues Acylbis(salicylaldehyde hydrazones) and Crystal Structures of Monomeric $[Cu(2)(1,3\text{-propanedioyl bis(salicylaldehyde hydrazone)})(H_2O)_2] \cdot (ClO_4)_2 \cdot 3H_2O$ and Polymeric $\{[Cu(2)(1,6\text{-hexanedioyl bis(salicylaldehyde hydrazone)})(C_2H_5OH)_2](m)_0\} \cdot (ClO_4)_2(m)_0 \cdot m(C_2H_5OH)$. <i>Inorganic Chemistry</i> , 1998 , 37, 1226-1231	5.1	125
491	Multiphoton harvesting metal-organic frameworks. <i>Nature Communications</i> , 2015 , 6, 7954	17.4	122
490	One-pot synthesis of new-phase AgInSe ₂ nanorods. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7118-9	16.4	122
489	Phase-Selective Synthesis of CuInS ₂ Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 15037-15042	3.2	119
488	Metal-organic organopolymeric hybrid framework by reversible [2+2] cycloaddition reaction. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 414-9	16.4	118
487	Chemistry of metal thio- and selenocarboxylates: precursors for metal sulfide/selenide materials, thin films, and nanocrystals. <i>Accounts of Chemical Research</i> , 2006 , 39, 869-77	24.3	118

486	Coordination polymers of d10 metals and N,N'-bis(3-pyridinecarboxamide)-1,2-ethane. <i>Dalton Transactions RSC</i> , 2001 , 3577-3584		114
485	Copper(II) Complexes of Schiff-Base and Reduced Schiff-Base Ligands: Influence of Weakly Coordinating Sulfonate Groups on the Structure and Oxidation of 3,5-DTBC. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4635-4645	2.3	110
484	Photosensitive Behavior of Photoreactive Crystals. <i>Chemistry of Materials</i> , 2015 , 27, 1821-1829	9.6	109
483	Solid-state structural transformations from 2D interdigitated layers to 3D interpenetrated structures. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10949-52	16.4	99
482	Self-assembly of rings, catenanes, and a doubly braided catenane containing gold(I): the hinge-group effect in diacetylide ligands. <i>Chemistry - A European Journal</i> , 2001 , 7, 3572-83	4.8	98
481	Sterically Demanding Diamide Ligands: Synthesis and Structure of d0 Zirconium Alkyl Derivatives. <i>Organometallics</i> , 1995 , 14, 5478-5480	3.8	98
480	Conformationally Rigid Diamide Complexes of Zirconium: Electron Deficient Analogues of Cp2Zr. <i>Organometallics</i> , 1996 , 15, 5586-5590	3.8	97
479	Organometallic polymers with gold(I) centers bridged by diphosphines and diacetylides. <i>Organometallics</i> , 1993 , 12, 3565-3574	3.8	97
478	Solid-state polymerisation via [2+2] cycloaddition reaction involving coordination polymers. <i>Chemical Communications</i> , 2016 , 52, 3989-4001	5.8	96
477	Putting the squeeze on CH4 and CO2 through control over interpenetration in diamondoid nets. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5072-7	16.4	96
476	Photochemical [2 + 2] cycloaddition as a tool to study a solid-state structural transformation. <i>Chemical Communications</i> , 2008 , 438-40	5.8	95
475	Formation of a Syndiotactic Organic Polymer Inside a MOF by a [2+2] Photo-Polymerization Reaction. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7313-7	16.4	94
474	Hydrogen-bonded polyrotaxane-like structure containing cyclic (H2O)4 in [Zn(OAc)2(mu-bpe)]2.H2O: X-ray and neutron diffraction studies. <i>Chemistry - A European Journal</i> , 2004 , 10, 5853-9	4.8	94
473	Phase transition accompanied by transformation of an elusive discrete cyclic water heptamer to a bicyclic (H2O)7 cluster. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5925-8	16.4	91
472	Bulky Chelating Diamide Complexes of Zirconium: Synthesis, Structure, and Reactivity of d0 Alkyl Derivatives. <i>Organometallics</i> , 1997 , 16, 4415-4420	3.8	90
471	A Rational Approach to Crosslinking of Coordination Polymers Using the Photochemical [2+2] Cycloaddition Reaction. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1091-1099	4.8	88
470	Interconversion of a monomer and two coordination polymers of a copper(II)-reduced Schiff base ligand-1,10-phenanthroline complex based on hydrogen- and coordinative-bonding. <i>Inorganic Chemistry</i> , 2001 , 40, 5934-41	5.1	87
469	Linear Gold(I) Coordination Polymers: A Polymer with a Unique Sine Wave Conformation. <i>Journal of the American Chemical Society</i> , 1996 , 118, 13101-13102	16.4	87

468	Morphology-Controlled Synthesis of Bi ₂ S ₃ Nanomaterials via Single- and Multiple-Source Approaches. <i>Crystal Growth and Design</i> , 2008 , 8, 734-738	3.5	86
467	Li(MnxFe _{1-x})PO ₄ /C (x = 0.5, 0.75 and 1) nanoplates for lithium storage application. <i>Journal of Materials Chemistry</i> , 2011 , 21, 14925		85
466	One-pot synthesis and third-order nonlinear optical properties of AgInS ₂ nanocrystals. <i>Chemical Communications</i> , 2006 , 4276-8	5.8	85
465	Chemical vapor deposition of silver. <i>Chemistry of Materials</i> , 1995 , 7, 1696-1702	9.6	85
464	Influence of the CO ₂ Interaction on the Thermal Dehydration Behavior of [Cu ₂ (sgly) ₂ (H ₂ O)]·H ₂ O. <i>Crystal Growth and Design</i> , 2005 , 5, 41-43	3.5	81
463	Reversible single-crystal-to-single-crystal photochemical formation and thermal cleavage of a cyclobutane ring. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2143-6	16.4	80
462	Macrocyclic cyclophane belts via double Diels-Alder cycloadditions: Macroannulation of bisdienes by bisdienophiles. Synthesis of a key precursor to an [8]cyclacene. <i>Tetrahedron Letters</i> , 1996 , 37, 1983-1986	3.86	80
461	Synthesis, Structures and Catecholase Activity of a New Series of Dicopper(II) Complexes of Reduced Schiff Base Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2656-2670	2.3	79
460	Lithium storage properties of pristine and (Mg, Cu) codoped ZnFe ₂ O ₄ nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 10744-53	9.5	78
459	Two- and three-fold interpenetrated metal-organic frameworks from one-pot crystallization. <i>Inorganic Chemistry</i> , 2008 , 47, 7728-33	5.1	77
458	Water-Soluble CdS Quantum Dots Prepared from a Refluxing Single Precursor in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 18569-18574	3.4	75
457	Organoplatinum Dendrimers. <i>Organometallics</i> , 1996 , 15, 43-50	3.8	75
456	Enantioselective desymmetrization of cyclohexadienones via an intramolecular Rauht-Currier reaction of allenates. <i>Nature Communications</i> , 2016 , 7, 13024	17.4	74
455	Guest-triggered supramolecular isomerism in a pillared-layer structure with unusual isomers of paddle-wheel secondary building units by reversible single-crystal-to-single-crystal transformation. <i>Chemistry - A European Journal</i> , 2013 , 19, 2695-702	4.8	74
454	Synthesis, characterization and properties of ternary copper(II) complexes containing reduced Schiff base N-(2-hydroxybenzyl)-α-amino acids and 1,10-phenanthroline. <i>Dalton Transactions</i> , 2003 , 880-889	4.3	74
453	Tunable Electrical Conductivity and Magnetic Property of the Two Dimensional Metal Organic Framework [Cu(TPyP)Cu ₂ (O ₂ CCH ₃) ₄]. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16154-9	9.5	72
452	Anion-controlled stereoselective synthesis of cyclobutane derivatives by solid-state [2 + 2] cycloaddition reaction of the salts of trans-3-(4-pyridyl) acrylic acid. <i>Organic Letters</i> , 2010 , 12, 128-31	6.2	72
451	Tricarbonylrhenium(I) complexes of phosphine-derivatized amines, amino acids and a model peptide: structures, solution behavior and cytotoxicity. <i>Journal of Organometallic Chemistry</i> , 2002 , 650, 123-132	2.3	72

450	Self-assembly of gold(I) rings and reversible formation of organometallic [2]catenanes. <i>Chemistry - A European Journal</i> , 2002 , 8, 723-34	4.8	71
449	Interconvertible Supramolecular Transformations. <i>Crystal Growth and Design</i> , 2002 , 2, 259-262	3.5	70
448	Fluorescence enhancement of coordination polymeric gel. <i>Chemical Communications</i> , 2008 , 3628-30	5.8	69
447	A simple way to prepare PbS nanocrystals with morphology tuning at room temperature. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 6649-54	3.4	68
446	Synthesis, Characterization, and Photocatalytic Properties of In ₂ S ₃ , ZnIn ₂ S ₄ , and CdIn ₂ S ₄ Nanocrystals. <i>Crystal Growth and Design</i> , 2016 , 16, 2231-2238	3.5	67
445	Solid-state photochemical [2+2] cycloaddition in a hydrogen-bonded metal complex containing several parallel and crisscross C=C bonds. <i>Chemistry - A European Journal</i> , 2008 , 14, 5329-34	4.8	67
444	Inorganic Inclusion Chemistry: A Novel Anion Inclusion System. <i>Journal of the American Chemical Society</i> , 1995 , 117, 8362-8371	16.4	67
443	Selective anion inclusion in calix(4)arene complexes driven by face-bridging μ_4 -halide binding. <i>Journal of the American Chemical Society</i> , 1993 , 115, 6456-6457	16.4	67
442	Solid-state photochemical behavior of a triple-stranded ladder coordination polymer. <i>Inorganic Chemistry</i> , 2010 , 49, 10-2	5.1	66
441	Isomerism in 1D Coordination Polymers of Cu(II) Complexes of N-(2-Hydroxybenzyl)-l-valine: Influence of Solvent and Coordination Sphere on the Conformation. <i>Crystal Growth and Design</i> , 2004 , 4, 781-788	3.5	66
440	A layered oxalato-phosphate framework as a cathode material for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 5721	13	65
439	Photodimerization of a 1D hydrogen-bonded zwitter-ionic lead(II) complex and its isomerization in solution. <i>Chemical Communications</i> , 2008 , 441-3	5.8	65
438	Crystal structures and magnetic properties of two alternating azide-bridged complexes $[[M(dmbpy)(N_3)_2]_n$ (M = Mn or Cu; dmbpy = 4,4'-dimethyl-2,2'-bipyridine) <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 3393-3397		65
437	Water Stable Zn(II) Metal-Organic Framework as a Selective and Sensitive Luminescent Probe for Fe(III) and Chromate Ions. <i>Inorganic Chemistry</i> , 2020 , 59, 8818-8826	5.1	64
436	Chelating diamide complexes of titanium: new catalyst precursors for the highly active and living polymerization of β -lactams. <i>Journal of Molecular Catalysis A</i> , 1998 , 128, 201-214		64
435	Novel Bimetallic Thiocarboxylate Compounds as Single-Source Precursors to Binary and Ternary Metal Sulfide Materials. <i>Chemistry of Materials</i> , 2003 , 15, 2383-2391	9.6	64
434	Photoluminescent coordination polymers of d ¹⁰ metals with 4,4'-dipyridylsulfide (dps). <i>Inorganica Chimica Acta</i> , 2005 , 358, 595-605	2.7	63
433	Syntheses and electronic spectroscopy of $[PtL(L')][ClO_4]$ complexes (HL = 6-phenyl-2,2'-bipyridine; L' = pyridine, 4-aminopyridine, 2-aminopyridine, and 2,6-diaminopyridine). <i>Inorganic Chemistry</i> , 2000 , 39, 3537-43	5.1	63

432	Interpenetrating versus Noninterpenetrating (4,4) Nets: Influence of the Size of the Metal and Counter Ions. <i>Crystal Growth and Design</i> , 2001 , 1, 195-197	3.5	63
431	Electronic Communication Mediated by a PtII-PtII Bond. <i>Organometallics</i> , 2002 , 21, 5292-5300	3.8	62
430	Topochemical Photodimerization in the Coordination Polymer $[(CF_3CO_2)(EO_2CCH_3)Zn]_2(Ebpe)_2)_n$ through Single-Crystal to Single-Crystal Transformation. <i>Angewandte Chemie</i> , 2005 , 117, 2277-2281	3.6	61
429	Transition Metal Rimmed-Calixresorcinarene Complexes. <i>Inorganic Chemistry</i> , 1995 , 34, 323-329	5.1	61
428	Bicluster Oxidative Addition: The Bicapped Trigonal Prism in $[Pt_6(B-SnBr_3)_2(EO)_6(Ph_2PCH_2PPh_2)_3]$ and Related Clusters. <i>Journal of the American Chemical Society</i> , 1996 , 118, 225-226	16.4	61
427	Synthesis and electrochemical studies of layer-structured metastable $LiVOPO_4$. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7206		58
426	Hollow Nanospheres and Flowers of CuS from Self-Assembled Cu(II) Coordination Polymer and Hydrogen-Bonded Complexes of N-(2-Hydroxybenzyl)-l-serine. <i>Crystal Growth and Design</i> , 2009 , 9, 4461-4470	3.5	58
425	Synthesis, Structure, and Magnetic Properties of $[Li(H_2O)M(N_2H_3CO_2)_3] \cdot 0.5H_2O$ (M = Co, Ni) as Single Precursors to LiMO ₂ Battery Materials. <i>Chemistry of Materials</i> , 2006 , 18, 1587-1594	9.6	58
424	Syntheses, Structures, and Electrochemistry of Polynuclear CuI, AgI, and PtII Complexes Bearing Ferrocenyl Group. <i>Organometallics</i> , 2002 , 21, 1612-1621	3.8	58
423	(Isocyanatoaryl)acetylides as bridging ligands in rigid-rod polymers: mononuclear and oligonuclear gold(I) complexes. <i>Organometallics</i> , 1993 , 12, 4771-4778	3.8	58
422	Organoplatinum(IV) polymers and model complexes by oxidative addition of bromoacetate esters. <i>Organometallics</i> , 1993 , 12, 4592-4598	3.8	57
421	Chemical and biological studies of the dichloro(2-phenylpyridine) gold(III) complex and its derivatives. <i>Dalton Transactions</i> , 2003 , 2680-2685	4.3	56
420	Single-Crystal to Single-Crystal Transformation of Cyclic Water Heptamer to Another (H ₂ O) ₇ Cluster Containing Cyclic Pentamer. <i>Crystal Growth and Design</i> , 2008 , 8, 1478-1480	3.5	55
419	New precursors for chemical vapor deposition of silver. <i>Chemistry of Materials</i> , 1993 , 5, 765-766	9.6	55
418	Synthesis of NiS and MnS Nanocrystals from the Molecular Precursors (TMEDA)M(SC(O)C ₆ H ₅) ₂ (M = Ni, Mn). <i>Crystal Growth and Design</i> , 2009 , 9, 352-357	3.5	54
417	Synthesis, characterization and physicochemical properties of copper(II) complexes containing salicylaldehyde semicarbazone. <i>Polyhedron</i> , 2003 , 22, 2781-2786	2.7	53
416	Fluorescent magnesium(II) coordination polymeric hydrogel. <i>Chemistry - A European Journal</i> , 2008 , 14, 8822-9	4.8	52
415	Shape and size control of Ag ₂ Se nanocrystals from a single precursor $[(Ph_3P)_3Ag_2(SeC(O)Ph)_2]$. <i>Chemical Communications</i> , 2005 , 3820-2	5.8	52

414	Aldol reaction under solvent-free conditions: highly stereoselective synthesis of 1,3-amino alcohols. <i>Organic Letters</i> , 2000 , 2, 1291-4	6.2	52
413	Rigid-Rod Polymers, Oligomers, and Model Complexes with Pt-Pt Bonds in the Backbone. <i>Organometallics</i> , 1996 , 15, 5321-5329	3.8	52
412	Conformationally Rigid Diamide Complexes: Synthesis and Structure of Tantalum(III) Alkyne Derivatives. <i>Organometallics</i> , 1995 , 14, 3154-3156	3.8	51
411	RGO/Stibnite Nanocomposite as a Dual Anode for Lithium and Sodium Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2479-2486	8.3	50
410	Hollow LiVOPO ₄ sphere cathodes for high energy Li-ion battery application. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10042		50
409	Nature of the reactants and influence of water on the supramolecular assembly. <i>Inorganic Chemistry</i> , 2003 , 42, 5135-42	5.1	50
408	Synthesis and Characterization of Group 14 Platinum(IV) Complexes. <i>Organometallics</i> , 1996 , 15, 2108-2117	3.78	49
407	Rigid-rod compounds: monomeric and oligomeric complexes with gold(I) centers bridged by (isocyanoaryl)acetylides. <i>Organometallics</i> , 1993 , 12, 263-265	3.8	49
406	Photochemical reactions of metal complexes in the solid state. <i>Dalton Transactions</i> , 2017 , 46, 7120-7140	4.3	48
405	Influence of inductive effects and steric encumbrance on the catecholase activities of copper(II) complexes of reduced Schiff base ligands. <i>Dalton Transactions</i> , 2014 , 43, 3545-56	4.3	47
404	Single Crystals Popping Under UV Light: A Photosalient Effect Triggered by a [2+2] Cycloaddition Reaction. <i>Angewandte Chemie</i> , 2014 , 126, 6017-6021	3.6	47
403	Mechanochemical reactions of coordination polymers by grinding with KBr. <i>Chemical Communications</i> , 2012 , 48, 2585-7	5.8	47
402	Thermal cleavage of cyclobutane rings in photodimerized coordination-polymeric sheets. <i>Chemistry - A European Journal</i> , 2012 , 18, 7869-77	4.8	47
401	Stereoselectivity in Organometallic Reactions: Oxidative Addition of Alkyl Halides to Platinum(II). <i>Organometallics</i> , 1998 , 17, 2805-2818	3.8	47
400	Diverse modes of reactivity of dialkyl azodicarboxylates with P(III) compounds: synthesis, structure, and reactivity of products other than the Morrison-Brunn-Huisgen intermediate in a Mitsunobu-type reaction. <i>Journal of Organic Chemistry</i> , 2004 , 69, 1880-9	4.2	47
399	A new ligand for metal-organic framework and co-crystal synthesis: mechanochemical route to rctt-1,2,3,4-tetrakis-(4'-carboxyphenyl)-cyclobutane. <i>Chemical Communications</i> , 2010 , 46, 3660-2	5.8	46
398	Solvent-Dependent Networking of O ₂ S ₂ -Macrocyclic with Silver Perchlorate into One- and Two-Dimensional Coordination Polymers. <i>Crystal Growth and Design</i> , 2010 , 10, 1033-1036	3.5	46
397	Storage performance of LiFe _{1-x} Mn _x PO ₄ nanoplates (x = 0, 0.5, and 1). <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 1755-1760	2.6	46

396	Optical resolution and the study of ligand effects on the ortho-metalation reaction of resolved (+/-)-diphenyl[1-(1-naphthyl)ethyl]phosphine and its arsenic analogue. <i>Inorganic Chemistry</i> , 2003 , 42, 7674-82	5.1	46
395	Synthesis, characterization, and biological activities of 2-phenylpyridine gold(III) complexes with thiolate ligands. <i>Dalton Transactions</i> , 2003 , 3376	4.3	46
394	A combinatorial-like probe on the reactivity of the {Pt ₂ S ₂ } core of Pt ₂ (PPh ₃) ₄ (E) ₂ by electrospray mass spectrometry. Synthesis and structures of novel heterometallic sulfide aggregates of gold(III), mercury(II), and tin(IV) with platinum(II). <i>Dalton Transactions RSC</i> , 2001 , 1986-2002		46
393	Structural Transformations of Pb(II)-trans-1,2-bis(4?-pyridyl)ethene Coordination Polymers in Solution. <i>Crystal Growth and Design</i> , 2011 , 11, 4697-4703	3.5	45
392	From Self-Assembled Cu(II) Coordination Polymer to Shape-Controlled CuS Nanocrystals. <i>Crystal Growth and Design</i> , 2009 , 9, 2457-2463	3.5	45
391	Synthesis, Structure, and Reactivity of Zirconium Alkyl Complexes Bearing Ancillary Pyridine Diamide Ligands. <i>Organometallics</i> , 1998 , 17, 5172-5177	3.8	45
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