

Kumar Biradha

List of Publications by Year in descending order

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232
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular paneling via coordination. <i>Chemical Communications</i> , 2001, , 509-518.	4.1	823
2	Polymorphs, Salts, and Cocrystals: Whatâ€™s in a Name?. <i>Crystal Growth and Design</i> , 2012, 12, 2147-2152.	3.0	767
3	Crystal engineering of coordination polymers using 4,4â€²-bipyridine as a bond between transition metal atoms. <i>Chemical Communications</i> , 2006, , 4169-4179.	4.1	480
4	Crystal engineering of topochemical solid state reactions. <i>Chemical Society Reviews</i> , 2013, 42, 950-967.	38.1	417
5	A Springlike 3D-Coordination Network That Shrinks or Swells in a Crystal-to-Crystal Manner upon Guest Removal or Readsorption. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3392-3395.	13.8	416
6	Helical Coordination Polymers with Large Chiral Cavities. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 492-495.	13.8	371
7	Open Squareâ€™Grid Coordination Polymers of the Dimensions 20Å—20â€¦.Ã….: Remarkably Stable and Crystalline Solids Even after Guest Removal. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3843-3845.	13.8	324
8	Crystal engineering: from weak hydrogen bonds to co-ordination bonds. <i>CrystEngComm</i> , 2003, 5, 374.	2.6	321
9	Crystal-to-Crystal Sliding of 2D Coordination Layers Triggered by Guest Exchange. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3395-3398.	13.8	311
10	Hydrogen Bonding in Organometallic Crystals. 6.â€ˆXâˆ’H—M Hydrogen Bonds and M—(Hâˆ’X) Pseudo-Agostic Bonds. <i>Organometallics</i> , 1997, 16, 1846-1856.	2.3	309
11	Novel Nanoporous Coordination Polymer Sustained by Self-Assembly of T-Shaped Moieties. <i>Journal of the American Chemical Society</i> , 1999, 121, 2599-2600.	13.7	288
12	Quantitative Formation of Coordination Nanotubes Templated by Rodlike Guests. <i>Journal of the American Chemical Society</i> , 1999, 121, 7457-7458.	13.7	274
13	Hydrogen Bonding in Organometallic Crystals. 2. C-H.cntdot. .cntdot. .cntdot.O Hydrogen Bonds in Bridged and Terminal First-Row Metal Carbonyls. <i>Journal of the American Chemical Society</i> , 1995, 117, 3156-3166.	13.7	265
14	Coordination Polymers Versus Metalâ€™Organic Frameworks. <i>Crystal Growth and Design</i> , 2009, 9, 2969-2970.	3.0	237
15	Multicomponent Assembly of a Pyrazine-Pillared Coordination Cage That Selectively Binds Planar Guests by Intercalation. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3909-3913.	13.8	211
16	Recent Developments in Crystal Engineering. <i>Crystal Growth and Design</i> , 2011, 11, 875-886.	3.0	178
17	Supramolecular Synthesis of Organic Laminates with Affinity for Aromatic Guests:Ã A New Class of Clay Mimics. <i>Journal of the American Chemical Society</i> , 1998, 120, 11894-11903.	13.7	169
18	A Porphyrin Prism: Structural Switching Triggered by Guest Inclusion. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1718-1721.	13.8	154

#	ARTICLE	IF	CITATIONS
19	Amide-to-Amide Hydrogen Bonds in the Presence of a Pyridine Functionality: Crystal Structures of Bis(pyridinecarboxamido)alkanes. <i>Crystal Growth and Design</i> , 2006, 6, 202-208.	3.0	148
20	Tetranuclear Copper(II) and Nickel(II) Cluster Complexes Derived by Self-Assembly from a Series of Tetradentate Diazine Ligands: Structural and Magnetic Studies. <i>Inorganic Chemistry</i> , 1999, 38, 5266-5276.	4.0	142
21	Chemical and Mechano Responsive Metal-Organic Gels of Bis(benzimidazole)-Based Ligands with Cd(II) and Cu(II) Halide Salts: Self Sustainability and Gas and Dye Sorptions. <i>Chemistry of Materials</i> , 2012, 24, 1165-1173.	6.7	136
22	Hydrophobic Assembling of a Coordination Nanobowl into a Dimeric Capsule Which Can Accommodate up to Six Large Organic Molecules. <i>Journal of the American Chemical Society</i> , 2000, 122, 2665-2666.	13.7	133
23	Covalent and noncovalent interpenetrating planar networks in the crystal structure of $\{[\text{Ni}(\text{4,4'-bipyridine})_2(\text{NO}_3)_2 \cdot 2\text{pyrene}]_n\}$. <i>Chemical Communications</i> , 1999, , 1327-1328.	4.1	132
24	Chiral Noninterpenetrated (10,3)-a Net in the Crystal Structure of Ag(I) and Bisthioether. <i>Inorganic Chemistry</i> , 2002, 41, 437-439.	4.0	127
25	Selective formation of rectangular grid coordination polymers with grid dimensions 10 Å— 15, 10 Å— 20 and 15 Å— 20 Å... <i>Chemical Communications</i> , 2001, , 15-16.	4.1	124
26	Dynamic Self-Assembly of an M3L6 Molecular Triangle and an M4L8 Tetrahedron from Naked PdII Ions and Bis(3-pyridyl)-Substituted Arenes. <i>Chemistry - an Asian Journal</i> , 2006, 1, 82-90.	3.3	123
27	Self-assembly of a novel macrotricyclic Pd(ii) metallocage encapsulating a nitrate ion. <i>Chemical Communications</i> , 2001, , 1652-1653.	4.1	118
28	A Supramolecular Analogue of Cyclohexane Sustained by Aromatic C-H...N Interactions: Complexes of 1,3,5-Trihydroxybenzene with Substituted Pyridines. <i>Journal of the American Chemical Society</i> , 1998, 120, 6431-6432.	13.7	116
29	Co-ordination polymers containing square grids of dimension 15 Å...15 Å... Dalton Transactions RSC, 2000, , 3805-3810.	2.3	102
30	Title is missing!. <i>Angewandte Chemie</i> , 2002, 114, 3542-3545.	2.0	98
31	A molecular sphere of octahedral symmetry. <i>Chemical Communications</i> , 2002, , 2486-2487.	4.1	97
32	Post-synthetic modification of isomorphic coordination layers: exchange dynamics of metal ions in a single crystal to single crystal fashion. <i>Chemical Communications</i> , 2012, 48, 4293.	4.1	94
33	2-sheet recognition in the non-interpenetrated and interpenetrated two-dimensional coordination networks containing cavities. <i>Chemical Communications</i> , 2005, , 2229.	4.1	86
34	Enclathration of Aromatic Molecules by the O-H...N Supramolecular Adducts of Racemic-bis-2-naphthol and 4,4'-Bipyridine. <i>Crystal Growth and Design</i> , 2005, 5, 61-63.	3.0	85
35	Crystal Engineering of Metal-Organic Frameworks Containing Amide Functionalities: Studies on Network Recognition, Transformations, and Exchange Dynamics of Guests and Anions. <i>Crystal Growth and Design</i> , 2007, 7, 1318-1331.	3.0	85
36	A "three-in-one" crystal of coordination networks. <i>Chemical Communications</i> , 2002, , 1866-1867.	4.1	83

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37	Tunable Plastic Films of a Crystalline Polymer by Single-Crystal-to-a-Single-Crystal Photopolymerization of a Diene: Self-templating and Shock-Absorbing Two-Dimensional Hydrogen-Bonding Layers. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5548-5551.	13.8	78
38	Agostic interactions in organometallic compounds. A Cambridge Structural Database study. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3925.	1.1	77
39	Chirality Induction through the Reversible Catenation of Coordination Rings. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3269-3272.	13.8	76
40	Design of an SHG-active crystal, 4-iodo-4'-nitrobiphenyl: the role of supramolecular synthons. <i>Chemical Communications</i> , 1997, , 101-102.	4.1	71
41	A spontaneously resolved chiral molecular box: a cyclic tetranuclear ZnII complex with DPTZ (DPTZ =) Tj ETQq1 1 0.784314 rgBT /Over	4.1	68
42	Side chain-directed assembly of triangular molecular panels into a tetrahedron vs. open cone Electronic supplementary information (ESI) available: physical properties of open cone 4 with mesitylene and CBr4. See http://www.rsc.org/suppdata/cc/b3/b305129c/ . <i>Chemical Communications</i> , 2003, , 1808.	4.1	68
43	Nitrate Ion Assisted Argentophilic Interactions as a Template for Solid State [2 + 2] Photodimerization of Pyridyl Acrylic Acid, Its Methyl Ester, and Acryl Amide. <i>Crystal Growth and Design</i> , 2010, 10, 3315-3320.	3.0	67
44	Luminescent Coordination Polymers of Naphthalene Based Diamide with Rigid and Flexible Dicarboxylates: Sensing of Nitro Explosives, Fe(III) Ion, and Dyes. <i>Crystal Growth and Design</i> , 2018, 18, 3683-3692.	3.0	66
45	A Photoswitchable and Photoluminescent Organic Semiconductor Based On Cation-π and Carboxylate-π-Pyridinium Interactions: A Supramolecular Approach. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12012-12015.	13.8	64
46	2D MOFs with Ni(II), Cu(II), and Co(II) as Efficient Oxygen Evolution Electrocatalysts: Rationalization of Catalytic Performance vs Structure of the MOFs and Potential of the Redox Couples. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33679-33689.	8.0	64
47	Crystal engineering with acid and pyridine heteromeric synthon: neutral and ionic co-crystals. <i>New Journal of Chemistry</i> , 2008, 32, 1673.	2.8	63
48	Multifunctional White-Light-Emitting Metal-Organic Gels with a Sensing Ability of Nitrobenzene. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11493-11501.	8.0	63
49	Hydrogen Bonding in Organometallic Crystals. 3.1 Transition-Metal Complexes Containing Amido Groups. <i>Organometallics</i> , 1996, 15, 1284-1295.	2.3	62
50	Coordination Polytubes with the Affinity for Guest Inclusion. <i>Journal of the American Chemical Society</i> , 2000, 122, 2397-2398.	13.7	61
51	Coordination polymers as heterogeneous catalysts in hydrogen evolution and oxygen evolution reactions. <i>Chemical Communications</i> , 2020, 56, 10824-10842.	4.1	61
52	Molecular Paneling by Coordination: An M15L6 Hexahedral Molecular Capsule having Clefts for Reversible Guest Inclusion. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2620-2622.	13.8	60
53	Coexisting covalent and non-covalent planar networks in the crystal structures of {[M(bipy)2(NO3)2]·arene}n (M = ... = Ni, 1; Co, 2; arene = ... = chlorobenzene, o-dichlorobenzene, benzene) Tj ETQq1 1 0.784314 rgBT /Over	4.1	60
54	Comparative Structural Studies on Homologues of Amides and Reverse Amides: Unprecedented 4-fold Interpenetrated Quartz Network, New 2-Sheet, and Two-Dimensional Layers. <i>Crystal Growth and Design</i> , 2007, 7, 2788-2795.	3.0	58

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55	Hydrogen Bonding in Organometallic Crystals. 4. $\text{M}^{\sim}\text{H}\text{-}\hat{\text{A}}\text{-}\hat{\text{O}}$ Hydrogen-Bonding Interactions. <i>Organometallics</i> , 1996, 15, 2692-2699.	2.3	57
56	Crystal-to-Crystal Sliding of 2D Coordination Layers Triggered by Guest Exchange. <i>Angewandte Chemie</i> , 2002, 114, 3545-3548.	2.0	55
57	Metal driven self-assembly of pyridine appended ligands with cis-protected/naked Pd(ii) ion: a comparative study. <i>Dalton Transactions</i> , 2003, , 2750.	3.3	55
58	Stepwise dimerization of double [2 + 2] reaction in the co-crystals of 1,5-bis(4-pyridyl)-1,4-pentadiene-3-one and phloroglucinol: a single-crystal to single-crystal transformation. <i>CrystEngComm</i> , 2008, 10, 1524.	2.6	55
59	Solid state double [2 + 2] photochemical reactions in the co-crystal forms of 1,5-bis(4-pyridyl)-1,4-pentadiene-3-one: establishing mechanism using single crystal X-ray, UV and ^1H NMR. <i>CrystEngComm</i> , 2011, 13, 3246.	2.6	53
60	Supramolecular Isomerism and Polymorphism in Dianion Salts of Pyromellitic Acid. <i>Crystal Engineering</i> , 1998, 1, 67-78.	0.7	51
61	Weak $\text{Ag}^{\sim}\text{Ag}$ and Ag^{\sim}N interactions in templating regioselective single and double [2+2] reactions of N,N $^{\sim}$ -bis(3-(4-pyridyl)acryloyl) $^{\sim}$ hydrazine: synthesis of an unprecedented tricyclohexadecane ring system. <i>Chemical Communications</i> , 2011, 47, 10740.	4.1	51
62	Design of Cocrystals via New and Robust Supramolecular Synthons between Carboxylic Acid and Secondary Amide: Honeycomb Network with Jailed Aromatics. <i>Crystal Growth and Design</i> , 2009, 9, 40-42.	3.0	49
63	Porous Metal $^{\sim}$ Organic Polyhedral Framework containing Cuboctahedron Cages as SBUs with High Affinity for H_2 and CO_2 Sorption: A Heterogeneous Catalyst for Chemical Fixation of CO_2 . <i>Chemistry - A European Journal</i> , 2018, 24, 10988-10993.	3.3	48
64	Cocrystal and Salts of 2,2 $^{\sim}$,6,6 $^{\sim}$ -Tetracarboxybiphenyl with Bis(pyridyl) Derivatives: Eight-fold Interpenetrated Diamondoid and Layered Networks. <i>Crystal Growth and Design</i> , 2009, 9, 5006-5008.	3.0	47
65	Amino acid based low-molecular-weight tris(bis-amido) organogelators. <i>Soft Matter</i> , 2011, 7, 2121.	2.7	47
66	Metal $^{\sim}$ organic gels and coordination networks of pyridine-3,5-bis(1-methyl-benzimidazole-2-yl) and metal halides: self sustainability, mechano, chemical responsiveness and gas and dye sorptions. <i>CrystEngComm</i> , 2013, 15, 9769.	2.6	46
67	Co(II)-Doped Cd-MOF as an Efficient Water Oxidation Catalyst: Doubly Interpenetrated Boron Nitride Network with the Encapsulation of Free Ligand Containing Pyridine Moieties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 37548-37553.	8.0	46
68	A novel polymeric AgI complex consisting of two three-dimensional networks which are enantiometric and interpenetrating. <i>Chemical Communications</i> , 2000, , 1953-1954.	4.1	45
69	Interplay of Hydrogen Bonds in Assembling (4,4)-Coordination Networks: $\hat{\text{A}}\%$ Transformations from Open to Interpenetrated Networks via Anion Exchange. <i>Crystal Growth and Design</i> , 2006, 6, 1742-1745.	3.0	44
70	Halogen $^{\sim}$ halogen interactions in assembling $\hat{2}$ -sheets into 2D layers in the bis-(4-halo-phenylamido)alkanes and their co-crystals via inter-halogen interactions. <i>CrystEngComm</i> , 2009, 11, 482-492.	2.6	43
71	Formation of Two, One, and Zero-Dimensional Coordination Assemblies from Cd(II) Ion and 4,4 $^{\sim}$ -Bipyridine. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 1369-1373.	3.2	42
72	Porous Coordination Polymers Containing Pyridine-3,5-Bis(5-azabenzimidazole): Exploration of Water Sorption, Selective Dye Adsorption, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2016, 16, 5976-5984.	3.0	42

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73	Two-Dimensional Organic Brick-Wall Layers as Hosts for the Inclusion and Study of Aromatics Ensembles: Acid ^π -Pyridine and Acid ^π -Carbonyl Synthons for Multicomponent Materials. <i>Crystal Growth and Design</i> , 2009, 9, 4969-4978.	3.0	41
74	MOFs containing a linear bis-pyridyl-tris-amide and angular carboxylates: exploration of proton conductivity, water vapor and dye sorptions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 184-191.	6.0	41
75	A circular tris[2]catenane from molecular π -figure-of-eight TM . <i>Chemical Communications</i> , 2004, , 1798-1799.	4.1	40
76	Assembling triple helical amide-to-amide hydrogen bonded columns of tris(4-halophenyl)benzene-1,3,5-tricarboxamides into porous materials via halogen π -halogen interactions. <i>Chemical Communications</i> , 2010, 46, 6530.	4.1	40
77	Robust hydrogen bonding synthon in one-dimensional and two-dimensional coordination polymers of pyridine-appended reverse amides and amides. <i>CrystEngComm</i> , 2009, 11, 1220.	2.6	39
78	Does crystal or gel matter to stereochemistry of a reaction? Silver complexation-promoted solid-state [2+2] reaction of an unsymmetrical olefin. <i>Chemical Communications</i> , 2013, 49, 4181-4183.	4.1	39
79	Two-Dimensional Coordination Polymers with π -Shaped Cavities as Adsorbents of Oxoanion Pollutants and Toxic Dyes. <i>Crystal Growth and Design</i> , 2017, 17, 4437-4444.	3.0	38
80	Complexes Containing Unbridged Dative Metal π -Metal Bonds and the Strong Acceptor Ru(CO) ₃ (SiCl ₃) ₂ Moiety. Comments on the Transition Metal to Silicon Bond. <i>Organometallics</i> , 1998, 17, 5810-5819.	2.3	37
81	Amino- and Sulfonate-Functionalized Metal π -Organic Framework for Fabrication of Proton Exchange Membranes with Improved Proton Conductivity. <i>Crystal Growth and Design</i> , 2020, 20, 5557-5563.	3.0	37
82	Coordination polymers of organic polymers synthesized via photopolymerization of single crystals: two-dimensional hydrogen bonding layers with amazing shock absorbing nature. <i>Chemical Communications</i> , 2014, 50, 3568-3570.	4.1	36
83	Metal π -organic frameworks as proton conductors: strategies for improved proton conductivity. <i>Dalton Transactions</i> , 2021, 50, 10655-10673.	3.3	36
84	Anion Influence in Directing and Altering the Stereochemistry of the Double [2+2] Reaction of Bis π -Pyridyl Dienes in their Silver Complexes: A Green Synthetic Route. <i>Chemistry - A European Journal</i> , 2013, 19, 489-493.	3.3	35
85	One-dimensional water cages with repeat units of (H ₂ O) ₂₄ resembling pagodane trapped in a 3D coordination polymer: proton conduction and tunable luminescence emission by adsorption of anionic dyes. <i>CrystEngComm</i> , 2015, 17, 4439-4443.	2.6	35
86	Coordination Polymers Containing Tubular, Layered, and Diamondoid Networks: Redox, Luminescence, and Electron Paramagnetic Resonance Activities. <i>Crystal Growth and Design</i> , 2015, 15, 5604-5613.	3.0	35
87	Solid-state supramolecular assembly via C ^H π -O hydrogen bonds: crystal structures of the complexes of 1,3,5-trinitrobenzene with dibenzylideneacetone and 2,5-dibenzylidene cyclopentanone. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1473-1475.	2.0	34
88	Correlation of biological activity in β -lactam antibiotics with Woodward and Cohen structural parameters ^a a Cambridge database study. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 943-953.	0.9	34
89	A novel pentamanganese(II) cluster produced by a controlled self assembly process; an exact match between the coordination algorithm of the metals and the ligand binding site arrangement. <i>Chemical Communications</i> , 1999, , 347-348.	4.1	33
90	Thermochromic, Solvatochromic, and Piezochromic Cd(II) and Zn(II) Coordination Polymers: Detection of Small Molecules by Luminescence Switching from Blue to Green. <i>Crystal Growth and Design</i> , 2018, 18, 6070-6077.	3.0	33

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91	Coordination polymers of Ag(i) with di-Schiff base and diaminoalkanes: double helix, ladder, CdSO ₄ and zigzag-chain networks Electronic supplementary information (ESI) available: Fractional coordinates, full list of bond lengths, angles, anisotropic displacement parameters and ORTEP drawings. See http://www.rsc.org/suppdata/ce/b4/b412903b/ . CrystEngComm, 2004, 6, 310.	2.6	32
92	Luminescent Triazene-Based Covalent Organic Frameworks Functionalized with Imine and Azine: N ₂ and H ₂ Sorption and Efficient Removal of Organic Dye Pollutants. Crystal Growth and Design, 2019, 19, 362-368.	3.0	32
93	Steric and Electronic Influences in Os ₃ (CO) ₁₁ (PR ₃) Structures. Journal of Cluster Science, 2000, 11, 285-306.	3.3	31
94	Assembling coordination networks of bis-amido pyridines via hydrogen bonds: isostructurality and large hydrophobic cavities for guest inclusion. New Journal of Chemistry, 2010, 34, 2415.	2.8	31
95	1D, 2D and 3D coordination polymers of 1,3-phenylene diisonicotinate with Cu ₂ /Cu ₂ : Cu ₂ building block, anion influence and guest inclusions. CrystEngComm, 2014, 16, 4701-4705.	2.6	31
96	Role of Anions in the Formation of Multidimensional Coordination Polymers: Selective Separation of Anionic Toxic Dyes by 3D-Cationic Framework and Luminescent Properties. Crystal Growth and Design, 2016, 16, 3002-3013.	3.0	31
97	Spectroscopic and crystallographic studies on the stability of self-assembled coordination nanotubes. Chemical Communications, 2002, , 2036-2037.	4.1	30
98	In Situ Grown Mn(II) MOF upon Nickel Foam Acts as a Robust Self-Supporting Bifunctional Electrode for Overall Water Splitting: A Bimetallic Synergistic Collaboration Strategy. ACS Applied Materials & Interfaces, 2022, 14, 29722-29734.	8.0	30
99	Flexible bilayer architectures in the coordination polymers [MII(NO ₃) ₂ (1,2-BIS(4-pyridyl)ethane) _{1.5}] _n (MII) Tj ETQq _{1,1} 0.7843 ₁₄ rgBT ₂₉	0.7	29
100	Trans alkenylpyridine and alkenylamine complexes of platinum. Canadian Journal of Chemistry, 2000, 78, 568-576.	1.1	29
101	Câ€HLO Hydrogen bonded multi-point recognition in molecular assemblies of dibenzylidene ketones and 1,3,5-trinitrobenzenes. Journal of Materials Chemistry, 1997, 7, 1111-1122.	6.7	28
102	Conformational Isomerism in Triosmium Clusters:â€ Structures of Yellow and Red Os ₃ (CO) ₁₁ [P(p-C ₆ H ₄ F) ₃] and Os ₃ (CO) ₁₁ (PBut ₃). Organometallics, 1998, 17, 5267-5274.	2.3	28
103	Oddâ~Even Effects: Diamondoid and Quartz Networks by Bis(pyridylcarboxamido)alkanes Containing Alkyl Chains with an Odd Number of -(CH ₂) ₂ - Groups as Spacers. Crystal Growth and Design, 2011, 11, 924-929.	3.0	28
104	Modulation of breathing behavior of layered coordination polymers via a solid solution approach: the influence of metal ions on sorption behavior. Chemical Communications, 2014, 50, 670-672.	4.1	28
105	Diversity in the Coordination Polymers of 2-(2-(Pyridin-4/3-yl)vinyl)-1 <i>H</i> -benzimidazole and Dicarboxylates/Disulfonates: Photochemical Reactivity and Luminescence Studies. Crystal Growth and Design, 2016, 16, 4457-4466.	3.0	28
106	Molecular self-assemblies through coordination. Advances in Supramolecular Chemistry, 2000, , 1-39.	1.8	27
107	Central imidazolidine ring hydrolysis of a binucleating amine phenol ligand during complex formation with manganese(III): synthesis, structure and electron transfer properties of mononuclear MnN ₄ O ₂ complex. Inorganica Chimica Acta, 2004, 357, 3556-3562.	2.4	26
108	Carboxylic Acid and Phenolic Hydroxyl Interactions in the Crystal Structures of Co-Crystals/Clathrates of Trimesic Acid and Pyromellitic Acid with Phenolic Derivatives. Crystal Growth and Design, 2010, 10, 4565-4570.	3.0	26

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109	Interplay of Pyridine Substitution and Ag(I)–Ag(I) and Ag(I)–I ⁻ Interactions in Templating Photochemical Solid State [2 + 2] Reactions of Unsymmetrical Olefins Containing Amides: Single-Crystal-to-Single-Crystal Transformations of Coordination Polymers. <i>Crystal Growth and Design</i> , 2016, 16, 550-554.	3.0	26
110	MOFs with PCU Topology for the Inclusion of One-Dimensional Water Cages: Selective Sorption of Water Vapor, CO ₂ , and Dyes and Luminescence Properties. <i>Crystal Growth and Design</i> , 2017, 17, 3885-3892.	3.0	26
111	MOF-templated cobalt nanoparticles embedded in nitrogen-doped porous carbon: a bifunctional electrocatalyst for overall water splitting. <i>Nanoscale Advances</i> , 2019, 1, 2293-2302.	4.6	26
112	Photoinduced Bending of Single Crystals of a Linear Bis(olefin via Water-templated Solid State [2+2] Photopolymerization Reaction. <i>Chemistry - A European Journal</i> , 2020, 26, 396-400.	3.3	26
113	A 3D-Honeycomb Network with Unique Encapsulation of Dimers of 1D-Chains. <i>Crystal Growth and Design</i> , 2005, 5, 49-51.	3.0	25
114	Water-Resistant and Transparent Plastic Films from Functionalizable Organic Polymers: Coordination Polymers as Templates for Solid State [2+2] Photopolymerization. <i>Chemistry - A European Journal</i> , 2017, 23, 273-277.	3.3	25
115	Pd(II)- and Pt(II)-Linked Tetranuclear Complexes as Assembly Units for Higher Ordered Structures. <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 2603-2606.	3.2	24
116	A Chiral M ₆ L ₄ Cage Complex Assembled from a D _{2h} -Symmetric Ligand: Self-Assembly, Structure, and Chirality Observation. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 559-565.	3.2	24
117	Synthesis of Angularly Fused Aromatic Compounds from Alkenyl Enediyne by a Tandem Radical Cyclization Process. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8316-8319.	13.8	24
118	Coordination Polymers Containing M ₂ L ₂ and M ₄ L ₄ Metallacycles of Bis(pyridylcarboxamido)alkanes with an Odd Number of (CH ₂) _n Groups as Spacers: Guest Inclusion and Networks Recognition via π-Sheet. <i>Crystal Growth and Design</i> , 2013, 13, 4100-4109.	3.0	24
119	Cocrystals and Salts of Pyridine-3,5-bis(1-methyl-benzimidazole-2-yl) with Pyromellitic Acid: Aromatic Guest Inclusion and Separation via Benzimidazole–Carboxylic Acid Heterosynthon. <i>Crystal Growth and Design</i> , 2015, 15, 318-325.	3.0	24
120	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 41, 201-208.	1.6	23
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