Kumar Biradha

List of Publications by Year
in descending order

219 papers	13,189 citations	28274 55 h-index	25787 108 g-index
232 all docs	232 docs citations	232 times ranked	9217 citing authors

#	Article	IF	Citations
1	Comparative Study of Nitroâ€•and Azideâ€Functionalized Zn^{II}â€Based Coordination Polymers (CPs) as Fluorescent Turnâ€On Probes for Rapid and Selective Detection of H₂S in Living Cells. Chemistry - A European Journal, 2022, 28, .	3.3	4
2	Binary Solvent System Composed of Polar Protic and Polar Aprotic Solvents for Controlling the Dimensionality of MOFs in the Solvothermal Synthesis. Crystal Growth and Design, 2022, 22, 1276-1282.	3.0	18
3	Coordination Polymers as Heterogeneous Catalysts for Water Splitting and CO₂ Fixation. Crystal Growth and Design, 2022, 22, 2043-2045.	3.0	11
4	Halogenâ‹…â‹…â‹…Halogen and Halogenâ‹…â‹…â‹…Ï€ Interactions Enabled Reversible Photoâ€oligomerization of Conjugated Dienones: Visible Light Triggered Singleâ€Crystalâ€toâ€Singleâ€Crystal Transformation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	15
5	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
6	Elastic orange emissive single crystals of 1,3-diamino-2,4,5,6-tetrabromobenzene as flexible optical waveguides. Journal of Materials Chemistry C, 2021, 9, 9465-9472.	5.5	15
7	Metalâ€“organic frameworks as proton conductors: strategies for improved proton conductivity. Dalton Transactions, 2021, 50, 10655-10673.	3.3	36
8	Effect of Noncovalent Interactions on the Intersystem Crossing Behavior in Charge-Transfer Cocrystals of 3,5-Dinitrobromobenzene. Journal of Physical Chemistry C, 2021, 125, 120-129.	3.1	9
9	Photoinduced Bending of Single Crystals of a Linear Bisâ€Olefin via Waterâ€Templated Solidâ€State [2+2] Photopolymerization Reaction. Chemistry - A European Journal, 2020, 26, 396-400.	3.3	26
10	Coordination polymers as heterogeneous catalysts in hydrogen evolution and oxygen evolution reactions. Chemical Communications, 2020, 56, 10824-10842.	4.1	61
11	Cocrystals and Salts of 4,4â€²-Dinitro-2,2â€²,6,6â€²-tetracarboxybiphenyl with N-Heterocycles: Solid State Photodimerization of Criss-Cross Aligned Olefins and Photophysical Properties. Crystal Growth and Design, 2020, 20, 8059-8070.	3.0	6
12	Photochemical [2 + 2] polymerization of metalâ€“organic gels of a rigid and angular diene with silver-salts of diverse anions: selective dye-sorption and luminescence by xerogels. Dalton Transactions, 2020, 49, 13744-13752.	3.3	4
13	Porous Li-MOF as a solid-state electrolyte: exploration of lithium ion conductivity through bio-inspired ionic channels. Chemical Communications, 2020, 56, 14873-14876.	4.1	18
14	Amino- and Sulfonate-Functionalized Metalâ€“Organic Framework for Fabrication of Proton Exchange Membranes with Improved Proton Conductivity. Crystal Growth and Design, 2020, 20, 5557-5563.	3.0	37
15	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. ACS Applied Materials & Interfaces, 2020, 12, 33679-33689.	8.0	64
16	Is the origin of green fluorescence in unsymmetrical four-ring bent-core liquid crystals single or double proton transfer?. Physical Chemistry Chemical Physics, 2020, 22, 4731-4740.	2.8	11
17	Isostructural Ni^{II} Metalâ€“Organic Frameworks (MOFs) for Efficient Electrocatalysis of Oxygen Evolution Reaction and for Gas Sorption Properties. Chemistry - A European Journal, 2019, 25, 11141-11146.	3.3	16
18	Binary and Ternary Salts and Cocrystals of 2-(2-(Pyridine-4-yl)vinyl)-1H-benzimidazole with Aromatic Carboxylic Acids: Solid-State [2 + 2] Reactions, Photoluminescence, and Ammonia-Sensing Properties. Crystal Growth and Design, 2019, 19, 4602-4612.	3.0	14

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19	Isoreticular Expansion of Metalâ€“Organic Frameworks via Pillaring of Metal Templated Tunable Building Layers: Hydrogen Storage and Selective CO₂ Capture. Chemistry - A European Journal, 2019, 25, 14500-14505.	3.3	15
20	Tailoring Coordination Polymers by Substituent Effect: Aâ€‰Bifunctional Co II â€Doped 1Dâ€Coordination Network with Electrochemical Water Oxidation and Nitroaromatics Sensing. Chemistry - an Asian Journal, 2019, 14, 3742-3747.	3.3	17
21	Protonâ€Conducting Hydrogenâ€Bonded 3D Frameworks of Imidazoâ€Pyridineâ€Based Coordination Complexes Containing Naphthalene Disulfonates in Rhomboid Channels. Chemistry - an Asian Journal, 2019, 14, 4389-4394.	3.3	14
22	Metalâ€“Organic Frameworks and Metalâ€“Organic Framework-Derived N-Doped Porous Carbon Materials as Heterogeneous Catalysts: Chemical Fixation of Carbon Dioxide under Mild Conditions and Electrochemical Hydrogen Evolution. Crystal Growth and Design, 2019, 19, 6672-6681.	3.0	20
23	MOFs containing a linear bis-pyridyl-tris-amide and angular carboxylates: exploration of proton conductivity, water vapor and dye sorptions. Inorganic Chemistry Frontiers, 2019, 6, 184-191.	6.0	41
24	Organic Polymers of an Angular Diene via Solid State [2 + 2] Polymerization: Coordination Polymers with Dicarboxylates as Templates. Crystal Growth and Design, 2019, 19, 3445-3452.	3.0	9
25	Cocrystals and Salts of 3,5-Bis(pyridinylmethylene)piperidin-4-one with Aromatic Poly-Carboxylates and Resorcinols: Influence of Stacking Interactions on Solid-State Luminescence Properties. Australian Journal of Chemistry, 2019, 72, 742.	0.9	3
26	MOF-templated cobalt nanoparticles embedded in nitrogen-doped porous carbon: a bifunctional electrocatalyst for overall water splitting. Nanoscale Advances, 2019, 1, 2293-2302.	4.6	26
27	Fluorescent Dye-Based Metalâ€“Organic Framework Piezochromic and Multicolor-Emitting Two-Dimensional Materials for Light-Emitting Devices. ACS Applied Nano Materials, 2019, 2, 1614-1620.	5.0	20
28	Interplay of Halogen Bonding and Hydrogen Bonding in the Cocrystals and Salts of Dihalogens and Trihalides with N,Nâ€²-Bis(3-pyridylacrylamido) Derivatives: Phosphorescent Organic Salts. Crystal Growth and Design, 2019, 19, 2175-2188.	3.0	12
29	Solid or gel? Which one works better for [2 + 2] photochemical polymerization in pyridine appended flexible phenylene 1, 4-bis-olefins by Ag(<scp>i</scp>) templation?. Dalton Transactions, 2019, 48, 17456-17460.	3.3	7
30	Luminescent Triazene-Based Covalent Organic Frameworks Functionalized with Imine and Azine: N₂ and H₂ Sorption and Efficient Removal of Organic Dye Pollutants. Crystal Growth and Design, 2019, 19, 362-368.	3.0	32
31	Photochemical Reactions in Supramolecular Assemblies of Gels: Dimerizations and Polymerizations via Pericyclic Reactions. Israel Journal of Chemistry, 2019, 59, 220-232.	2.3	7
32	Selfâ€Sorting of Metalâ€“Organic Polymeric Assemblies in Gels: Selective Templation and Catalysis of Homodimers. Chemistry - A European Journal, 2018, 24, 5760-5764.	3.3	11
33	Tuning Emission Properties via Aromatic Guest Inclusion in Organic Salts Composed of 4,4â€²-Dinitro-2,2â€²,6,6â€²-tetracarboxybiphenyl and Acridine. Crystal Growth and Design, 2018, 18, 581-586.	3.0	20
34	Crystal engineering with isosteric triether and triamine linked aromatic tri-carboxylic acids: iso-structurality and synthon interplay in their co-crystals and salts with bis(pyridyl) derivatives. New Journal of Chemistry, 2018, 42, 19953-19962.	2.8	4
35	Origin of green photoluminescence in four-ring bent-core molecules with ESIPT, selective sensing of zinc ions by turn-on emission and their liquid crystal properties. Photochemical and Photobiological Sciences, 2018, 17, 1386-1395.	2.9	10
36	Luminescent Coordination Polymers of Naphthalene Based Diamide with Rigid and Flexible Dicarboxylates: Sensing of Nitro Explosives, Fe(III) Ion, and Dyes. Crystal Growth and Design, 2018, 18, 3683-3692.	3.0	66

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37	Thermochromic, Solvatochromic, and Piezochromic Cd(II) and Zn(II) Coordination Polymers: Detection of Small Molecules by Luminescence Switching from Blue to Green. Crystal Growth and Design, 2018, 18, 6070-6077.	3.0	33
38	Supramolecular Organic Photocatalyst Containing a Cubanelike Water Cluster and Donorâ€“Acceptor Stacks: Hydrogen Evolution and Dye Degradation under Visible Light. ACS Applied Materials & Interfaces, 2018, 10, 29417-29424.	8.0	23
39	Porous Metalâ€Organic Polyhedral Framework containing Cuboctahedron Cages as SBUs with High Affinity for H₂ and CO₂ Sorption: A Heterogeneous Catalyst for Chemical Fixation of CO₂. Chemistry - A European Journal, 2018, 24, 10988-10993.	3.3	48
40	One-Dimensional Coordination Polymers of Bis(3-pyridyl-acrylamido)ethane: Influence of Anions and Metal Ions on Their Solid State [2 + 2] Photochemical Polymerization and Dimerization Reactions. Crystal Growth and Design, 2017, 17, 925-932.	3.0	12
41	Two-Dimensional Coordination Polymers with â€œXâ€•Shaped Cavities as Adsorbents of Oxoanion Pollutants and Toxic Dyes. Crystal Growth and Design, 2017, 17, 4437-4444.	3.0	38
42	MOFs with PCU Topology for the Inclusion of One-Dimensional Water Cages: Selective Sorption of Water Vapor, CO₂, and Dyes and Luminescence Properties. Crystal Growth and Design, 2017, 17, 3885-3892.	3.0	26
43	Anion and Guest Directed Tetracyclic Macrocycles of Ag₅L₄ and Ag₆L₄ with an Arc-Shaped Ligand Containing Pyridine and Benzimidazole Units: Reversal of Anion Selectivity by Guest. Crystal Growth and Design, 2017, 17, 5629-5633.	3.0	4
44	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. ACS Applied Materials & Interfaces, 2017, 9, 37548-37553.	8.0	46
45	Hydrogen-bonded Two-fold Interpenetrated Diamondoid Networks for Solid-State [2 + 2] Polymerizations of Criss-crossed Olefins: Molecular Connections vs Supramolecular Connections. Crystal Growth and Design, 2017, 17, 5061-5064.	3.0	19
46	Metalâ€“organic gels of silver salts with an Î±,Î²-unsaturated ketone: the influence of anions and solvents on gelation. Inorganic Chemistry Frontiers, 2017, 4, 1365-1373.	6.0	6
47	Waterâ€Resistant and Transparent Plastic Films from Functionalizable Organic Polymers: Coordination Polymers as Templates for Solidâ€State [2+2]â€Photopolymerization. Chemistry - A European Journal, 2017, 23, 273-277.	3.3	25
48	Tuning photophysical properties via guest inclusion in an organic salt. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C723-C723.	0.1	0
49	Supramolecular metallogelator: the pivotal role of aromatic solvents and anions. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C528-C528.	0.1	0
50	Crystal engineering of functional materials via halogen bonding. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C738-C738.	0.1	0
51	Silver gelation-promoted solid-state [2+2] reaction of unsymmetrical olefin-containing ligand. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C527-C527.	0.1	0
52	Tetracyclic macrocycles of M5L4 and M6L4. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C976-C976.	0.1	0
53	Solid-state [2+2] polymerization of a bis-olefinic molecule and luminescence property. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C975-C975.	0.1	0
54	Functionalizable organic polymers: coordination polymers as templates for solid-state [2+2] reaction. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C977-C977.	0.1	0

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55	Co^{II}-doped metalâ€“organic materials as efficient water oxidation catalysts. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C892-C892.	0.1	0
56	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
57	Separation of Xylene Isomers through Selective Inclusion: 1D â†' 2D, 1D â†' 3D, and 2D â†' 3D Assembled Coordination Polymers via Î²-Sheets. Crystal Growth and Design, 2016, 16, 5606-5611.	3.0	20
58	Porous Coordination Polymers Containing Pyridine-3,5-Bis(5-azabenzimidazole): Exploration of Water Sorption, Selective Dye Adsorption, and Luminescent Properties. Crystal Growth and Design, 2016, 16, 5976-5984.	3.0	42
59	Coordination Polymers of M₂L₂ Macrocycles and M₃L₂ Podands Containing Tris (pyridyl) Tripodal Amide: Anion Bridging, Agâ‹…â‹…â‹…Ag Interactions and Solidâ€State Luminescence. ChemistrySelect, 2016, 1, 2299-2306.	1.5	1
60	Diversity in the Coordination Polymers of 2-(2-(Pyridin-4/3-yl)vinyl)-1H-benzimidazole and Dicarboxylates/Disulfonates: Photochemical Reactivity and Luminescence Studies. Crystal Growth and Design, 2016, 16, 4457-4466.	3.0	28
61	Interplay of Pyridine Substitution and Ag(I)Â·Â·Â·Ag(I) and Ag(I)Â·Â·Â·Ï€ Interactions in Templating Photochemical Solid State [2 + 2] Reactions of Unsymmetrical Olefins Containing Amides: Single-Crystal-to-Single-Crystal Transformations of Coordination Polymers. Crystal Growth and Design, 2016, 16, 550-554.	3.0	26
62	Two-dimensional coordination polymers and metalâ€“organic gels of symmetrical and unsymmetrical dipyridyl Î²-diketones: luminescence, dye absorption and mechanical properties. New Journal of Chemistry, 2016, 40, 1997-2006.	2.8	10
63	One-dimensional water cages with repeat units of (H₂O)₂₄resembling pagodane trapped in a 3D coordination polymer: proton conduction and tunable luminescence emission by adsorption of anionic dyes. CrystEngComm, 2015, 17, 4439-4443.	2.6	35
64	Chinaâ€“Indiaâ€“Singapore Expanded to South and East Asia. Crystal Growth and Design, 2015, 15, 1-1.	3.0	3
65	Structural Adaptation of Ni₄O₄ Units To Form Cubane, Open Dicubane, Dimeric Cubane, and One-Dimensional Polymeric Cubanes: Magnetostructural Correlation of Ni₄ Clusters. Crystal Growth and Design, 2015, 15, 4132-4141.	3.0	18
66	Coordination Polymers Containing Tubular, Layered, and Diamondoid Networks: Redox, Luminescence, and Electron Paramagnetic Resonance Activities. Crystal Growth and Design, 2015, 15, 5604-5613.	3.0	35
67	Exploration and exploitation of homologous series of bis(acrylamido)alkanes containing pyridyl and phenyl groups: Î²-sheetversustwo-dimensional layers in solid-state photochemical [2â€…+â€…2] reactions. IUCrJ, 2015, 2, 523-533.	2.2	8
68	Cocrystals and Salts of Pyridine-3,5-bis(1-methyl-benzimidazole-2-yl) with Pyromellitic Acid: Aromatic Guest Inclusion and Separation via Benzimidazoleâ€“Carboxylic Acid Heterosynthon. Crystal Growth and Design, 2015, 15, 318-325.	3.0	24
69	3D, 2D and 1D networks via N-Hâ‹¯O and N-Hâ‹¯N hydrogen bonding by the bis-amide analogues: Effect of chain lengths and odd-even spacers. Journal of Chemical Sciences, 2014, 126, 1285-1290.	1.5	7
70	Topological Equivalences between Coordination Polymer and Co-crystal: A Tecton Approach in Crystal Engineering. Crystal Growth and Design, 2014, 14, 419-422.	3.0	16
71	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
72	Coordination polymers of organic polymers synthesized via photopolymerization of single crystals: two-dimensional hydrogen bonding layers with amazing shock absorbing nature. Chemical Communications, 2014, 50, 3568-3570.	4.1	36

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73	1D, 2D and 3D coordination polymers of 1,3-phenylene diisonicotinate with Cu(<scp>i</scp>)/Cu(<scp>ii</scp>): Cu₂I₂ building block, anion influence and guest inclusions. CrystEngComm, 2014, 16, 4701-4705.	2.6	31
74	Dynamic Layered Coordination Polymer: Adsorption and Separation of Aromatics and I₂ by Single Crystals. Crystal Growth and Design, 2014, 14, 3696-3699.	3.0	22
75	Regiodivergent and short total synthesis of calothrixins. Organic and Biomolecular Chemistry, 2014, 12, 8196-8203.	2.8	17
76	Design, Synthesis, and Photoluminescence Properties of One-, Two-, and Three-Dimensional Coordination Polymers: Anion-Assisted Argentophillic Interactions as Building Blocks. Crystal Growth and Design, 2014, 14, 5164-5170.	3.0	23
77	Multifunctional White-Light-Emitting Metalâ€“Organic Gels with a Sensing Ability of Nitrobenzene. ACS Applied Materials & Interfaces, 2014, 6, 11493-11501.	8.0	63
78	Coordination Polymers Containing M₂L₂ and M₄L₄ Metallacylces of Bis(pyridylcarboxamido)alkanes with an Odd Number of â^'(CH₂)â€“ Groups as Spacers: Guest Inclusion and Networks Recognition via Î± Sheet. Crystal Growth and Design, 2013, 13, 4100-4109.	3.0	24
79	Exploration of Salts and Cocrystals of 2,2â€²,6,6â€²-Tetracarboxybiphenyl with Acetic Acid, Monobasic and Dibasic N-Heterocycles, and N-Oxides. Crystal Growth and Design, 2013, 13, 3232-3241.	3.0	16
80	In Honor of Professor Gautam R. Desiraju on the Occasion of His Sixtieth Birthday. Crystal Growth and Design, 2013, 13, 4151-4153.	3.0	0
81	Metalâ€“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. CrystEngComm, 2013, 15, 9769.	2.6	46
82	Crystal engineering of topochemical solid state reactions. Chemical Society Reviews, 2013, 42, 950-967.	38.1	417
83	Does crystal or gel matter to stereochemistry of a reaction? Silver complexation-promoted solid-state [2+2] reaction of an unsymmetrical olefin. Chemical Communications, 2013, 49, 4181-4183.	4.1	39
84	Anion Influence in Directing and Altering the Stereochemistry of the Double [2+2] Reaction of Bisâ€Pyridyl Dienes in their Silver Complexes: A Green Synthetic Route. Chemistry - A European Journal, 2013, 19, 489-493.	3.3	35
85	Coordination Polymers of Silver(I) with the Flexible Tritopic Ligand 1,3,5-Tri(4-cyanophenoxy)benzene: Guest Inclusion and Luminescent Properties. Australian Journal of Chemistry, 2013, 66, 436.	0.9	4
86	Tunable Plastic Films of a Crystalline Polymer by Singleâ€Crystalâ€toâ€Singleâ€Crystal Photopolymerization of a Diene: Selfâ€Templating and Shockâ€Absorbing Twoâ€Dimensional Hydrogenâ€Bonding Layers. Angewandte Chemie - International Edition, 2013, 52, 5548-5551.	13.8	78
87	A Photoswitchable and Photoluminescent Organic Semiconductor Based On Cationâ€“Ï€ and Carboxylateâ€“Pyridinium Interactions: A Supramolecular Approach. Angewandte Chemie - International Edition, 2012, 51, 12012-12015.	13.8	64
88	Book Review of The Importance of Pi-Interactions in Crystal Engineering. Crystal Growth and Design, 2012, 12, 5834-5834.	3.0	1
89	Influence of Solvents in Assembling Tris(4-halophenyl)benzene-1,3,5-tricarboxamides: Interplay of Nâ€“HÂ·Â·Â·O and HalogenÂ·Â·Â·Halogen Interactions. Crystal Growth and Design, 2012, 12, 5773-5782.	3.0	21
90	Polymorphs, Salts, and Cocrystals: Whatâ€™s in a Name?. Crystal Growth and Design, 2012, 12, 2147-2152.	3.0	767

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91	Chemical and Mechano Responsive Metalâ€“Organic Gels of Bis(benzimidazole)-Based Ligands with Cd(II) and Cu(II) Halide Salts: Self Sustainability and Gas and Dye Sorptions. Chemistry of Materials, 2012, 24, 1165-1173.	6.7	136
92	Design and Synthesis of Mixed Valent Coordination Networks Containing Pyridine Appended Terpyridyl, Halide, and Dicarboxylates. Crystal Growth and Design, 2012, 12, 4264-4274.	3.0	23
93	Post-synthetic modification of isomorphic coordination layers: exchange dynamics of metal ions in a single crystal to single crystal fashion. Chemical Communications, 2012, 48, 4293.	4.1	94
94	Correction for Polymorphs, Salts and Cocrystals: Whatâ€™s in a Name?. Crystal Growth and Design, 2012, 12, 4290-4291.	3.0	17
95	A facile Garrattâ€“Braverman cyclization route to intercalative DNA-binding bis-quinones. Tetrahedron Letters, 2012, 53, 19-22.	1.4	15
96	Amino acid based low-molecular-weight tris(bis-amido) organogelators. Soft Matter, 2011, 7, 2121.	2.7	47
97	Separation of isomers of sulfophthalic acid by guest induced host framework formation with 4,4â€²-bipyridine. Chemical Communications, 2011, 47, 6614.	4.1	17
98	Two-Component Supramolecular Organic Hosts as Colorimetric Indicators for Aromatic Guests: Visual Molecular Recognition via Cationâ‹¯Ï€ Interactions. Crystal Growth and Design, 2011, 11, 4120-4128.	3.0	22
99	Oddâ‹¯Even Effects: Diamondoid and Quartz Networks by Bis(pyridylcarboxamido)alkanes Containing Alkyl Chains with an Odd Number of -(CH₂)- Groups as Spacers. Crystal Growth and Design, 2011, 11, 924-929.	3.0	28
100	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. CrystEngComm, 2011, 13, 3246.	2.6	53
101	Crystal Engineering Studies with Monocarboxamidoalkanes Having C- or N-Terminal Pyridine and Their Coordination Complexes. Crystal Growth and Design, 2011, 11, 5649-5658.	3.0	6
102	Recent Developments in Crystal Engineering. Crystal Growth and Design, 2011, 11, 875-886.	3.0	178
103	Weak Agâ‹¯Ag and Agâ‹¯Ï€ interactions in templating regioselective single and double [2+2] reactions of N,Nâ€²-bis(3-(4-pyridyl)acryloyl)â€“hydrazine: synthesis of an unprecedented tricyclohexadecane ring system. Chemical Communications, 2011, 47, 10740.	4.1	51
104	Coordination Polymers of Flexible Bis(benzimidazole) Ligand: Halogen Bridging and MetalÂ·Â·Â·Arene Interactions. Crystal Growth and Design, 2011, 11, 5723-5732.	3.0	20
105	Crystalline forms of 1,3,5-benzene-tri(pyridinyl)carboxamides: Isolated site hydrates as polymorphs and solvates. Journal of Molecular Structure, 2011, 991, 97-102.	3.6	10
106	Synthesis of Angularly Fused Aromatic Compounds from Alkenyl Enediynes by a Tandem Radical Cyclization Process. Angewandte Chemie - International Edition, 2011, 50, 8316-8319.	13.8	24
107	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
108	Assembling one-dimensional coordination polymers into three-dimensional architectures via hydrogen bonds. Journal of Chemical Sciences, 2010, 122, 707-720.	1.5	12

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109	Crystal Engineering Studies on Ionic Crystals of Pyridine and Carboxylic Acid Derivatives Containing Amide Functional Groups. Australian Journal of Chemistry, 2010, 63, 578.	0.9	11
110	Supramolecular Assembly of Protonated Xanthine Alkaloids in Their Perchlorate Salts. Crystal Growth and Design, 2010, 10, 937-942.	3.0	21
111	Nitrate Ion Assisted Argentophilic Interactions as a Template for Solid State [2 + 2] Photodimerization of Pyridyl Acrylic Acid, Its Methyl Ester, and Acryl Amide. Crystal Growth and Design, 2010, 10, 3315-3320.	3.0	67
112	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
113	Assembling triple helical amide-to-amide hydrogen bonded columns of tris(4-halophenyl)benzene-1,3,5-tricarboxamides into porous materials via halogenâ‹¯halogen interactions. Chemical Communications, 2010, 46, 6530.	4.1	40
114	Introduction to the themed issue â€œCoordination polymers: structure and functionâ€• New Journal of Chemistry, 2010, 34, 2353.	2.8	18
115	Coordination Polymers Versus Metalâ^'Organic Frameworks. Crystal Growth and Design, 2009, 9, 2969-2970.	3.0	237
116	Reliable Formation of an Unusual and Chiral Two-Dimensional Network Containing Entanglement of the Ligand in the Presence of Different Anions. Crystal Growth and Design, 2009, 9, 3848-3851.	3.0	23
117	Design of Cocrystals via New and Robust Supramolecular Synthon between Carboxylic Acid and Secondary Amide: Honeycomb Network with Jailed Aromatics. Crystal Growth and Design, 2009, 9, 40-42.	3.0	49
118	Two-Dimensional Organic Brick-Wall Layers as Hosts for the Inclusion and Study of Aromatics Ensembles: Acidâ^'Pyridine and Acidâ^'Carbonyl Synthons for Multicomponent Materials. Crystal Growth and Design, 2009, 9, 4969-4978.	3.0	41
119	Robust hydrogen bonding synthon in one-dimensional and two-dimensional coordination polymers of pyridine-appended reverse amides and amides. CrystEngComm, 2009, 11, 1220.	2.6	39
120	Halogenâ‹¯halogen interactions in assembling Î²-sheets into 2D layers in the bis-(4-halo-phenylamido)alkanes and their co-crystals via inter-halogen interactions. CrystEngComm, 2009, 11, 482-492.	2.6	43
121	Cocrystal and Salts of 2,2â€²,6,6â€²-Tetracarboxybiphenyl with Bis(pyridyl) Derivatives: Eight-fold Interpenetrated Diamondoid and Layered Networks. Crystal Growth and Design, 2009, 9, 5006-5008.	3.0	47
122	Asymmetric cyclopropanation using amino acid as chiral auxiliary. Tetrahedron: Asymmetry, 2008, 19, 2678-2681.	1.8	8
123	Design and synthesis of coordination networks containing amide, pyridine and carboxylate functionalities. Polyhedron, 2008, 27, 1248-1255.	2.2	15
124	Three crystalline forms of 1,3,5-benzene-tri(3-pyridinyl)carboxamide from the same solvent system. Journal of Molecular Structure, 2008, 876, 339-343.	3.6	15
125	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. CrystEngComm, 2008, 10, 1524.	2.6	55
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