Kumar Biradha

List of PR Articles by Year
in descending order

217 PR articles	10,063 PR citations	25011 50 PR h-index	23524 99 g-index
233 documents	13806 doc citations	22274 56 h-index	9638 citing authors

#	Article	IF	PR Citations
1	Photo-responsive metalâ€“organic gels of rigid phenylene-1,3-di-substituted angular dienes with metal halides: gel-to-gel transformations triggered by [2 + 2] polymerization. Dalton Transactions, 2024, 53, 4797-4804.	3.0	4
2	Differentiating aliphatic and aromatic alcohols using triazine-based supramolecular organogelators: end group-specific selective gelation with chain length of alcohols. Soft Matter, 2024, 20, 2568-2574.	2.7	5
3	Halogen and Hydrogen Bonding Interplay Triggered Reversible Phase Transformations through Water Release/Uptake: X-ray Powder Diffraction Studies on Halogen-Substituted 1,4-Bis(4,5-diphenyl-imidazolyl)benzene. Crystal Growth and Design, 2024, 24, 2179-2187.	3.4	8
4	Bimetallic Organic Frameworks via In Situ Solvothermal Solâ€“Gelâ€“Crystal and Solâ€“Crystal Transformation as Durable Electrocatalysts for Oxygen Reduction Reaction. Inorganic Chemistry, 2024, 63, 7303-7313.	4.6	10
5	Amine Functionalization of Channels of Metalâ€Organic Frameworks for Effective Chemical Fixation of Carbon Dioxide: A Comparative Study with Three Newly Designed Porous Networks. ChemistryOpen, 2024, 13, .	2.6	2
6	Exploration of Solid-State [2 + 2] Photodimerization in the Coordination Polymers of Rigid and Linear Diene: Single-Crystal-to-Single-Crystal Transformation of a 2D Coordination Polymer to a 3D Coordination Polymer. Crystal Growth and Design, 2024, 24, 5365-5373.	3.4	13
7	Light-Induced Antiferromagnetic to Ferromagnetic Transition in Halogen Substituted 1,4-Bis(imidazolyl)benzene Systems: An Effect of Spinâ€“Orbit Coupling and Ï€-Stacking in Enhanced Photomagnetism. Journal of the American Chemical Society, 2024, 146, 26556-26566.	15.0	15
8	Tenâ€Millionâ€Fold Increase in the Electrical Conductivity of a MOF by Doping of Iodine Into MOF Integrated Mixed Matrix Membrane. Small, 2024, 20, .	11.6	5
9	Metalâ€Organic Gels of Trisâ€tetrazoleâ€triâ€amido Molecule with Co(II) and Ni(II) as Effective Electrocatalysts for Oxygen Evolution Reaction: Effect of Metal Ion, Porosity and Morphology on the Catalytic Activity of MOGs. ChemCatChem, 2023, 15, .	3.6	7
10	Metalâ€“organic frameworks with open metal sites act as efficient heterogeneous catalysts for Knoevenagel condensation and the Chanâ€“Lam coupling reaction. CrystEngComm, 2023, 25, 5092-5099.	2.4	7
11	Enhancing the sensitivity of a water stable MOF as a H₂S gas sensor by the fabrication of a mixed-matrix membrane. Materials Advances, 2023, 4, 5730-5739.	4.7	7
12	Band Gap Modulation in Fluorescein-Based Isostructural Coordination Polymers for Enhanced Photocatalytic Hydrogen Evolution under Visible Light. Crystal Growth and Design, 2023, 23, 8407-8414.	3.4	4
13	Photochromism and Photomagnetism in 1,4-bis(4,5-diphenyl-imidazolyl)benzene Chromophores: Water-Assisted Ï€-Stacks for the Generation of Stable Free Radicals in the Solid State. , 2023, 1, 2031-2041.		13
14	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, .	3.4	7
15	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.	3.4	41
16	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, .	14.4	32
17	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	90
18	In situ conversion of a MOG to a crystalline MOF: a case study on solvent-dependent gelation and crystallization. Chemical Communications, 2022, 58, 11414-11417.	3.4	27

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19	Correlation of Structures with Proton Conductivity of 1D Coordination Polymers: Higher Proton Conductivity Due to Synergy of Encapsulated Sulfate Ions and Water Molecules. Crystal Growth and Design, 2022, 22, 7215-7220.	3.4	10
20	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.	5.1	29
21	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	12
22	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, 2020, 17, 1386-1395.	2.3	11
23	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.	3.4	33
24	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.	3.4	10
25	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.	3.0	8
26	Porous Li-MOF as a solid-state electrolyte: exploration of lithium ion conductivity through bio-inspired ionic channels. Chemical Communications, 2020, 56, 14873-14876.	3.4	30
27	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.	3.4	55
28	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	95
29	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.	2.7	11
30	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.	3.4	28
31	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.	3.4	20
32	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.	3.4	19
33	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.	3.0	20
34	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.	3.0	21
35	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.	3.4	25
36	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.	6.4	58

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37	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.	3.4	13
38	MOF-templated cobalt nanoparticles embedded in nitrogen-doped porous carbon: a bifunctional electrocatalyst for overall water splitting. Nanoscale Advances, 2019, 1, 2293-2302.	4.5	33
39	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.	5.3	27
40	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.	3.4	18
41	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.	3.0	9
42	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.	3.4	39
43	Photochemical Reactions in Supramolecular Assemblies of Gels: Dimerizations and Polymerizations via Pericyclic Reactions. Israel Journal of Chemistry, 2019, 59, 220-232.	2.0	9
44	Selfâ€Sorting of Metalâ€“Organic Polymeric Assemblies in Gels: Selective Templation and Catalysis of Homodimers. Chemistry - A European Journal, 2018, 24, 5760-5764.	3.4	13
45	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.	3.4	21
46	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.	2.4	7
47	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.	3.4	72
48	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.	3.4	39
49	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	26
50	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.	3.4	54
51	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.	3.4	15
52	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.	3.4	43
53	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.	3.4	30
54	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.	3.4	4

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55	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	53
56	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.	3.4	22
57	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.	6.4	7
58	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.	3.4	28
59	Tuning photophysical properties via guest inclusion in an organic salt. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C723-C723.	0.1	0
60	Supramolecular metallogelator: the pivotal role of aromatic solvents and anions. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C528-C528.	0.1	0
61	Crystal engineering of functional materials via halogen bonding. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C738-C738.	0.1	0
62	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
63	Tetracyclic macrocycles of M5L4 and M6L4. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C976-C976.	0.1	0
64	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
65	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
66	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
67	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.	3.4	32
68	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.	3.4	22
69	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.	3.4	46
70	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.	1.7	2
71	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.	3.4	32
72	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.	3.4	33

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73	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.	2.4	12
74	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.	2.4	39
75	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.	3.4	21
76	Coordination Polymers Containing Tubular, Layered, and Diamondoid Networks: Redox, Luminescence, and Electron Paramagnetic Resonance Activities. Crystal Growth and Design, 2015, 15, 5604-5613.	3.4	35
77	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.	3.0	8
78	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.	3.4	24
79	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.	1.6	7
80	Topological Equivalences between Coordination Polymer and Co-crystal: A Tecton Approach in Crystal Engineering. Crystal Growth and Design, 2014, 14, 419-422.	3.4	16
81	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.	3.4	28
82	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.	3.4	41
83	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.	2.4	39
84	Dynamic Layered Coordination Polymer: Adsorption and Separation of Aromatics and I₂ by Single Crystals. Crystal Growth and Design, 2014, 14, 3696-3699.	3.4	23
85	Regiodivergent and short total synthesis of calothrixins. Organic and Biomolecular Chemistry, 2014, 12, 8196-8203.	2.6	19
86	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.	3.4	26
87	Multifunctional White-Light-Emitting Metalâ€“Organic Gels with a Sensing Ability of Nitrobenzene. ACS Applied Materials & Interfaces, 2014, 6, 11493-11501.	8.0	72
88	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.	3.4	26
89	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.	3.4	20
90	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.	2.4	47

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91	Crystal engineering of topochemical solid state reactions. Chemical Society Reviews, 2013, 42, 950-967.	37.8	514
92	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.	3.4	45
93	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.	3.4	37
94	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.	14.4	88
95	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, 2013, 125, 5658-5661.	1.4	22
96	A Photoswitchable and Photoluminescent Organic Semiconductor Based On Cationâ€“Ï€ and Carboxylateâ€“Pyridinium Interactions: A Supramolecular Approach. Angewandte Chemie, 2012, 124, 12178-12181.	1.4	14
97	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.	14.4	75
98	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.	3.4	24
99	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	145
100	Design and Synthesis of Mixed Valent Coordination Networks Containing Pyridine Appended Terpyridyl, Halide, and Dicarboxylates. Crystal Growth and Design, 2012, 12, 4264-4274.	3.4	23
101	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.	3.4	98
102	A facile Garrattâ€“Braverman cyclization route to intercalative DNA-binding bis-quinones. Tetrahedron Letters, 2012, 53, 19-22.	1.4	16
103	Amino acid based low-molecular-weight tris(bis-amido) organogelators. Soft Matter, 2011, 7, 2121.	2.7	49
104	Separation of isomers of sulfophthalic acid by guest induced host framework formation with 4,4â€²-bipyridine. Chemical Communications, 2011, 47, 6614.	3.4	17
105	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.	3.4	25
106	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.	3.4	28
107	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.	2.4	55
108	Crystal Engineering Studies with Monocarboxamidoalkanes Having C- or N-Terminal Pyridine and Their Coordination Complexes. Crystal Growth and Design, 2011, 11, 5649-5658.	3.4	9

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109	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.	3.4	54
110	Coordination Polymers of Flexible Bis(benzimidazole) Ligand: Halogen Bridging and MetalÂ·Â·Â·Arene Interactions. Crystal Growth and Design, 2011, 11, 5723-5732.	3.4	23
111	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.	4.2	14
112	Synthesis of Angularly Fused Aromatic Compounds from Alkenyl Enediynes by a Tandem Radical Cyclization Process. Angewandte Chemie, 2011, 123, 8466-8469.	1.4	3
113	Synthesis of Angularly Fused Aromatic Compounds from Alkenyl Enediynes by a Tandem Radical Cyclization Process. Angewandte Chemie - International Edition, 2011, 50, 8316-8319.	14.4	24
114	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.	2.4	31
115	Assembling one-dimensional coordination polymers into three-dimensional architectures via hydrogen bonds. Journal of Chemical Sciences, 2010, 122, 707-720.	1.6	15
116	Supramolecular Assembly of Protonated Xanthine Alkaloids in Their Perchlorate Salts. Crystal Growth and Design, 2010, 10, 937-942.	3.4	24
117	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.	3.4	74
118	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.	3.4	36
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