

Parthasarathi Dastidar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136
papers

4,808
citations

40
h-index

63
g-index

144
ext. papers

5,087
ext. citations

5.1
avg, IF

6.15
L-index

#	Paper	IF	Citations
136	Anchoring Drugs to a Zinc(II) Coordination Polymer Network: Exploiting Structural Rationale toward the Design of Metallogels for Drug-Delivery Applications. <i>Inorganic Chemistry</i> , 2021 , 60, 3218-3231	5.1	2
135	Supramolecular Synthons Approach in Designing Organic Sulfonates as Supramolecular Gelators: An Easily Accessible Topical Gel with Antibacterial Properties. <i>Chemistry of Materials</i> , 2021 , 33, 2274-2288	9.6	1
134	Structural Rationale towards Designing Coordination Polymer Based Metallogels Displaying Anti-Cancer and Anti-Bacterial Properties. <i>ChemistrySelect</i> , 2021 , 6, 13992-14004	1.8	0
133	A supramolecular hydrogel derived from a simple organic salt capable of proton conduction. <i>Chemical Communications</i> , 2020 , 56, 5251-5254	5.8	7
132	Cu(II)-Metallacryptands Self-Assembled to Vesicular Aggregates Capable of Encapsulating and Transporting an Anticancer Drug Inside Cancer Cells. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000044	5.5	2
131	Design and Synthesis of Zn -Coordination Polymers Anchored with NSAIDs: Metallovesicle Formation and Multi-drug Delivery. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 503-510	4.5	7
130	Designing Metallogelators Derived from NSAID-based Zn(II) Coordination Complexes for Drug-Delivery Applications. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 3558-3567	4.5	1
129	Zn(II)-Coordination Polymers with a Right- and Left-Handed Twist: Multifunctional MetalOrganic Hybrid for Dye Adsorption and Drug Delivery. <i>Crystal Growth and Design</i> , 2020 , 20, 7411-7420	3.5	6
128	An easy access to topical gels of an anti-cancer prodrug (5-fluorouracil acetic acid) for self-drug-delivery applications. <i>Chemical Communications</i> , 2019 , 55, 7683-7686	5.8	6
127	Supramolecular Synthons Approach in Designing Molecular Gels for Advanced Therapeutics. <i>Advanced Therapeutics</i> , 2019 , 2, 1800061	4.9	20
126	Designing Supramolecular Gelators: Challenges, Frustrations, and Hopes. <i>Gels</i> , 2019 , 5,	4.2	24
125	Self-Assembly of Spherical Organic Molecules to Form Hollow Vesicular Structures in Water for Encapsulation of an Anticancer Drug and Its Release. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1992-1999	4.5	1
124	Supramolecular Gels Derived from Simple Organic Salts of Flufenamic Acid: Design, Synthesis, Structures, and Plausible Biomedical Application. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 2180-2189	5.5	1
123	Rational Approach Towards Designing Metallogels From a Urea-Functionalized Pyridyl Dicarboxylate: Anti-inflammatory, Anticancer, and Drug Delivery. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 194-204	4.5	11
122	Mixed Ligand Coordination Polymers for Metallogelation and Iodine Adsorption. <i>Crystal Growth and Design</i> , 2019 , 19, 470-478	3.5	13
121	Rheoreversible Metallogels Derived from Coordination Polymers. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1474-1484	4.5	4
120	Supramolecular Gels Derived from the Salts of Various Substituted Phenylacetic Acid and Dicyclohexylamine: Design, Synthesis, Structures, and Dye Adsorption. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 552-559	4.5	8

119	Exploring Orthogonal Hydrogen Bonding towards Designing Organic-Salt-Based Supramolecular Gelators: Synthesis, Structures, and Anticancer Properties. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1366-1378	4.5	2
118	Rationally Developed Metallogelators Derived from Pyridyl Derivatives of NSAIDs Displaying Anti-Inflammatory and Anticancer Activities. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 30649-30661	8.5	16
117	Stimuli-Responsive Metallogels for Synthesizing Ag Nanoparticles and Sensing Hazardous Gases. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1941	4.5	13
116	Exfoliated Nanosheets of a Cu Coordination Polymer Modulate Enzyme Activity of β -Chymotrypsin. <i>Chemistry - A European Journal</i> , 2018 , 24, 11297-11302	4.8	4
115	Simple Organic Salts Having a Naphthalenediimide (NDI) Core Display Multifunctional Properties: Gelation, Anticancer and Semiconducting Properties. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 170-180	4.5	5
114	Supramolecular Hydrogel Derived from a C-Symmetric Boronic Acid Derivative for Stimuli-Responsive Release of Insulin and Doxorubicin. <i>Langmuir</i> , 2018 , 34, 685-692	4	13
113	Hand-Ground Nanoscale Zn -Based Coordination Polymers Derived from NSAIDs: Cell Migration Inhibition of Human Breast Cancer Cells. <i>Chemistry - A European Journal</i> , 2017 , 23, 5736-5747	4.8	17
112	Rationally Developed Organic Salts of Tolfenamic Acid and Its β -Alanine Derivatives for Dual Purposes as an Anti-Inflammatory Topical Gel and Anticancer Agent. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 792-803	4.5	8
111	Supramolecular Synthron Approach in Developing Anti-Inflammatory Topical Gels for In Vivo Self-Delivery. <i>Chemistry - A European Journal</i> , 2017 , 23, 15623-15627	4.8	6
110	Multidrug-Containing, Salt-Based, Injectable Supramolecular Gels for Self-Delivery, Cell Imaging and Other Materials Applications. <i>Chemistry - A European Journal</i> , 2016 , 22, 14929-14939	4.8	17
109	Single-Crystal-to-Single-Crystal Breathing and Guest Exchange in CollMetal ^{II} Organic Frameworks. <i>Crystal Growth and Design</i> , 2016 , 16, 5247-5259	3.5	22
108	Metallogels from Coordination Complexes, Organometallic, and Coordination Polymers. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2484-98	4.5	56
107	Multifunctional single-layered vesicles derived from Cu(ii)-metal-organic-polyhedra. <i>Chemical Communications</i> , 2016 , 52, 13124-13127	5.8	12
106	Nanoscale Mn -Coordination Polymers for Cell Imaging and Heterogeneous Catalysis. <i>Chemistry - A European Journal</i> , 2016 , 22, 18963-18974	4.8	8
105	Salt metathesis for developing injectable supramolecular metallohydrogelators as a multi-drug-self-delivery system. <i>Chemical Communications</i> , 2016 , 52, 13811-13814	5.8	11
104	Supramolecular Gels by Design: Towards the Development of Topical Gels for Self-Delivery Application. <i>Chemistry - A European Journal</i> , 2016 , 22, 9257-66	4.8	21
103	Coordination Polymers Derived from Non-Steroidal Anti-Inflammatory Drugs for Cell Imaging and Drug Delivery. <i>Chemistry - A European Journal</i> , 2016 , 22, 988-98	4.8	22
102	An Easy Access to Organic Salt-Based Stimuli-Responsive and Multifunctional Supramolecular Hydrogels. <i>Chemistry - A European Journal</i> , 2016 , 22, 9267-76	4.8	20

101	Metallogels and Silver Nanoparticles Generated from a Series of Transition Metal-Based Coordination Polymers Derived from a New Bis-pyridyl-bis-amide Ligand and Various Carboxylates. <i>Crystal Growth and Design</i> , 2015 , 15, 4635-4645	3.5	24
100	Cetirizine derived supramolecular topical gel in action: rational design, characterization and in vivo self-delivery application in treating skin allergy in mice. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6634-6644	7.3	14
99	New Series of ZnII/CdII Mixed Ligand Coordination Polymers: Toward the Design of Metallogels. <i>Crystal Growth and Design</i> , 2015 , 15, 5075-5085	3.5	11
98	Metallogels derived from silver coordination polymers of C ₃ -symmetric tris(pyridylamide) tripodal ligands: synthesis of Ag nanoparticles and catalysis. <i>Chemistry - A European Journal</i> , 2015 , 21, 255-68	4.8	35
97	Easy Access to Supramolecular Gels of the Nonsteroidal Anti-inflammatory Drug Diflunisal: Synthesis, Characterization, and Plausible Biomedical Applications. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2427-36	4.5	9
96	A supramolecular topical gel derived from a non-steroidal anti-inflammatory drug, fenoprofen, is capable of treating skin inflammation in mice. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 2300-9	3.9	10
95	Designing Charge-Assisted Hydrogen Bonded Supramolecular Gelators. <i>Lecture Notes in Quantum Chemistry II</i> , 2015 , 101-131	0.6	4
94	Exploiting supramolecular synthons in designing gelators derived from multiple drugs. <i>Chemistry - A European Journal</i> , 2014 , 20, 15320-4	4.8	24
93	Coordination polymers derived from pyridyl carboxylate ligands having an amide backbone: an attempt towards the selective separation of CuII cation following in situ crystallization under competitive conditions. <i>CrystEngComm</i> , 2014 , 16, 7815-7829	3.3	6
92	The role of secondary ammonium cations in controlling the conformation of C ₃ -symmetric acid moieties and its implication for the design of supramolecular capsules. <i>CrystEngComm</i> , 2014 , 16, 4867-4876	3.3	8
91	High-Throughput Crystal Engineering Based Synthesis of Supramolecular Gels: Blue-Emitting Fluorescent Gold Clusters Synthesized and Stabilized on the Gel-Bed. <i>Crystal Growth and Design</i> , 2014 , 14, 11-14	3.5	19
90	Crystal Engineering Approach toward Selective Formation of an Asymmetric Supramolecular Synthon in Primary Ammonium Monocarboxylate (PAM) Salts and Their Gelation Studies. <i>Crystal Growth and Design</i> , 2014 , 14, 2254-2262	3.5	17
89	Secondary Building Unit (SBU) Controlled Formation of a Catalytically Active Metal-Organic Polyhedron (MOP) Derived from a Flexible Tripodal Ligand. <i>Crystal Growth and Design</i> , 2014 , 14, 1331-1337	3.5	39
88	Peptide conjugates of a nonsteroidal anti-inflammatory drug as supramolecular gelators: synthesis, characterization, and biological studies. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 3196-206	4.5	14
87	Remarkable shape-sustaining, load-bearing, and self-healing properties displayed by a supramolecular gel derived from a bis-pyridyl-bis-amide of L-phenyl alanine. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 2475-82	4.5	18
86	Designing a simple organic salt-based supramolecular topical gel capable of displaying in vivo self-delivery application. <i>Chemical Communications</i> , 2014 , 50, 1671-4	5.8	55
85	Aggregation enhanced emission (AEE) in organic salt: A structure-property correlation based on single crystal studies. <i>Journal of Chemical Sciences</i> , 2014 , 126, 1357-1362	1.8	2
84	β-Amino acid and amino-alcohol conjugation of a nonsteroidal anti-inflammatory drug (NSAID) imparts hydrogelation displaying remarkable biostability, biocompatibility, and anti-inflammatory properties. <i>Langmuir</i> , 2013 , 29, 10254-63	4	28

83	Primary ammonium monocarboxylate synthon in designing supramolecular gels: a new series of chiral low-molecular-weight gelators derived from simple organic salts that are capable of generating and stabilizing gold nanoparticles. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 3022-31	4.5	16
82	Studying fluororous interactions in a series of coordination compounds derived from mono-pyridyl ligands equipped with hydrogen bonding functionality: exploiting anion-π interaction in separating ClO ₄ ⁻ anion from a competing mixture of anions. <i>CrystEngComm</i> , 2013 , 15, 9415	3.3	7
81	Anions as additive and template in tuning metallasupramolecular architecture in CuII coordination compounds derived from L-amino acid based chiral ligands. <i>CrystEngComm</i> , 2013 , 15, 245-248	3.3	12
80	Extending Primary Ammonium Dicarboxylate (PAD) to Diprimary Ammonium Dicarboxylate (DPAD) Synthon and Its Implication in Supramolecular Gelation. <i>Crystal Growth and Design</i> , 2013 , 13, 4559-4570	3.5	10
79	CuII Coordination Polymers Capable of Gelation and Selective SO ₄ ²⁻ Separation. <i>Crystal Growth and Design</i> , 2012 , 12, 4135-4143	3.5	28
78	Reverse thermal gelation of aromatic solvents by a series of easily accessible organic salt based gelators. <i>Soft Matter</i> , 2012 , 8, 2595	3.6	15
77	Probing the O-Br-Br halogen bonding in X-ray crystal structures with ab initio calculations. <i>CrystEngComm</i> , 2012 , 14, 1833	3.3	12
76	Coordination polymers: what has been achieved in going from innocent 4,4'-bipyridine to bis-pyridyl ligands having a non-innocent backbone?. <i>Chemical Society Reviews</i> , 2012 , 41, 3039-60	58.5	186
75	Supramolecular Synthon Transferability and Gelation by Diprimary Ammonium Monocarboxylate Salts. <i>Crystal Growth and Design</i> , 2012 , 12, 5864-5868	3.5	13
74	Solvent-Driven Structural Diversities in ZnII Coordination Polymers and Complexes Derived from Bis-pyridyl Ligands Equipped with a Hydrogen-Bond-Capable Urea Backbone. <i>Crystal Growth and Design</i> , 2012 , 12, 6061-6067	3.5	29
73	Secondary Ammonium Dicarboxylate (SAD) as a Supramolecular Synthon in Designing Low Molecular Weight Gelators Derived from Azo-Dicarboxylates. <i>Crystal Growth and Design</i> , 2012 , 12, 5917-5924	3.5	15
72	Supramolecular chirality in organo-, hydro-, and metallo gels derived from bis-amides of L-(+)-tartaric acid: formation of highly aligned 1D silica fibers and evidence of 5-c net SnS topology in a metallo gel network. <i>Chemistry - A European Journal</i> , 2012 , 18, 13079-90	4.8	24
71	A crystal engineering rationale in designing a CdII coordination polymer based metallo gel derived from a C ₃ symmetric tris-amide-tris-carboxylate ligand. <i>Soft Matter</i> , 2012 , 8, 7623	3.6	40
70	A New Series of CuII Coordination Polymers Derived from Bis-pyridyl-bis-urea Ligands and Various Dicarboxylates and Their Role in Methanolysis of Epoxide Ring-Opening Catalysis. <i>Crystal Growth and Design</i> , 2012 , 12, 5546-5554	3.5	13
69	Sequestering Hydrated Fluoride in a Three-Dimensional Non-Interpenetrated Octahedral Coordination Polymer via a Single-Crystal-to-Single-Crystal Fashion. <i>Crystal Growth and Design</i> , 2012 , 12, 3369-3373	3.5	17
68	Gel sculpture: moldable, load-bearing and self-healing non-polymeric supramolecular gel derived from a simple organic salt. <i>Chemistry - A European Journal</i> , 2012 , 18, 8057-63	4.8	67
67	Homo- or Heterosynthon? A Crystallographic Study on a Series of New Cocrystals Derived from Pyrazinecarboxamide and Various Carboxylic Acids Equipped with Additional Hydrogen Bonding Sites. <i>Crystal Growth and Design</i> , 2012 , 12, 2533-2542	3.5	49
66	A New Series of ZnII Coordination Polymer Based Metallo gels Derived from Bis-pyridyl-bis-amide Ligands: A Crystal Engineering Approach. <i>Crystal Growth and Design</i> , 2011 , 11, 328-336	3.5	69

65	Coordination Polymers in Selective Separation of Cations and Anions: A Series of Rarely Observed All Helical Three-Dimensional Coordination Polymers Derived from Various Chiral Amino Acid Based Bis-pyridyl-bis-amide Ligands. <i>Crystal Growth and Design</i> , 2011 , 11, 5592-5597	3.5	15
64	Supramolecular synthons in designing low molecular mass gelling agents: L-amino acid methyl ester cinnamate salts and their anti-solvent-induced instant gelation. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1038-47	4.5	45
63	Inside Cover: Supramolecular Synthons in Designing Low Molecular Mass Gelling Agents: L-Amino Acid Methyl Ester Cinnamate Salts and their Anti-Solvent-Induced Instant Gelation (Chem. Asian J. 4/2011). <i>Chemistry - an Asian Journal</i> , 2011 , 6, 950-950	4.5	
62	Ferrocene based organometallic gelators: a supramolecular synthon approach. <i>Soft Matter</i> , 2011 , 7, 3634-6	3.6	27
61	Chiral gels derived from secondary ammonium salts of (1R,3S)-(+)-camphoric acid. <i>Beilstein Journal of Organic Chemistry</i> , 2010 , 6, 848-58	2.5	6
60	3,3S{Ethane-1,2-diylbis[carbonylbis(azanediyl)]}dipyridinium tetra-chloridoplatinate(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m270		2
59	Is a Crystal Engineering Approach Useful in Designing Metallogels? A Case Study. <i>Crystal Growth and Design</i> , 2010 , 10, 4976-4986	3.5	75
58	A Borromean Weave Coordination Polymer Sustained by Urea Sulfate Hydrogen Bonding and Its Selective Anion Separation Properties. <i>Crystal Growth and Design</i> , 2010 , 10, 483-487	3.5	48
57	Metalla-macro-tricyclic cryptands: anion encapsulation and selective separation of sulfate via in situ crystallization. <i>New Journal of Chemistry</i> , 2010 , 34, 2458	3.6	27
56	Selective Separation of the Sulfate Anion by In Situ Crystallization of CdII Coordination Compounds Derived from Bis(pyridyl) Ligands Equipped with a Urea/Amide Hydrogen-Bonding Backbone. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 3770-3779	2.3	24
55	Coordination polymers derived from a bis-pyridyl-bis-amide ligand: Supramolecular structural diversities and anion binding properties. <i>Inorganica Chimica Acta</i> , 2010 , 363, 1367-1376	2.7	22
54	catena-Poly[[[triaqua-sulfatozinc(II)]-EB,3Sbis-(3-pyrid-yl)-1,1S(m-phenyl-ene)diurea] methanol solvate monohydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m413-4		2
53	Microporous Nanotubular Self-Assembly of a Molecular Chair. <i>Crystal Growth and Design</i> , 2009 , 9, 2979-2983	3.9	23
52	Combinatorial library of primary alkyl ammonium dicarboxylate gelators: a supramolecular synthon approach. <i>Langmuir</i> , 2009 , 25, 8742-50	4	39
51	Supramolecular synthons in noncovalent synthesis of a class of gelators derived from simple organic salts: instant gelation of organic fluids at room temperature via in situ synthesis of the gelators. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7111-21	4.2	47
50	Metal-organic frameworks derived from bis-pyridyl-bis-amide ligands: Effect of positional isomerism of the ligands, hydrogen bonding backbone, counter anions on the supramolecular structures and selective crystallization of the sulfate anion. <i>CrystEngComm</i> , 2009 , 11, 796	3.3	67
49	An unprecedented all helical 3D network and a rarely observed non-interpenetrated octahedral network in homochiral Cu(II) MOFs: effect of steric bulk and π -stacking interactions of the ligand backbone. <i>CrystEngComm</i> , 2009 , 11, 746	3.3	42
48	Structures and Gelation Properties of a Series of Salts Derived from an Alicyclic Dicarboxylic Acid and n-Alkyl Primary Amines. <i>Crystal Growth and Design</i> , 2008 , 8, 4144-4149	3.5	26

47	Supramolecular gelling agents: can they be designed?. <i>Chemical Society Reviews</i> , 2008 , 37, 2699-715	58.5	647
46	Zn(II) metal-organic frameworks (MOFs) derived from a bis-pyridyl-bis-urea ligand: effects of crystallization solvents on the structures and anion binding properties. <i>CrystEngComm</i> , 2008 , 10, 1565	3.3	58
45	Ligating topology and counter anion controlled formation of discrete metallo-macrocyclic and 2D corrugated sheet in coordination compounds derived from a bis-pyridyl-bis-amide ligand and Cd(II) salts. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 636-642	3.1	29
44	An easy access to an organometallic low molecular weight gelator: a crystal engineering approach. <i>Tetrahedron Letters</i> , 2008 , 49, 3052-3055	2	38
43	Conformation dependent network structures in the coordination polymers derived from pyridylisonicotinamides, carboxylates and Co(II): Entrapment of (H ₂ O) ₁₄ water cluster of an unprecedented topology. <i>CrystEngComm</i> , 2007 , 9, 895	3.3	29
42	Metalloporphyrin-based inclusion materials: exploiting ligating topologies and hydrogen-bonding backbones in generating new supramolecular architectures. <i>Inorganic Chemistry</i> , 2007 , 46, 7351-61	5.1	31
41	Remarkably Stable Porous Assembly of Nanorods Derived from a Simple Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2007 , 7, 205-207	3.5	57
40	Isomerism in Coordination Complexes and Polymers Derived from Bispyridylurea Ligands: Effect of Solvents, Conformational Flexibility, and Positional Isomerism of the Ligands. <i>Crystal Growth and Design</i> , 2007 , 7, 2096-2105	3.5	62
39	Composites of N,N'-bis-(pyridyl) urea-dicarboxylic acid as new hydrogelators: crystal engineering approach. <i>Tetrahedron</i> , 2007 , 63, 7386-7396	2.4	50
38	Supramolecular structural diversities in the metal-organic frameworks derived from pyridylamide ligands: studying the effects of ligating topologies, hydrogen bonding backbone of the ligands and counter anions. <i>CrystEngComm</i> , 2007 , 9, 548-555	3.3	28
37	Noncovalent Syntheses of Supramolecular Organo Gelators. <i>Crystal Growth and Design</i> , 2006 , 6, 763-768	3.5	22
36	Exploring conformationally flexible hydrogen-bond-functionalized ligand and counter anions in metal-organic frameworks of Cu(II). <i>New Journal of Chemistry</i> , 2006 , 30, 1267-1275	3.6	44
35	Hydrogen-bonded microporous network, helix and 1-D zigzag chains in MOFs of Zn(II): studying the effects of ligating topologies, hydrogen bonding backbone and counter-anions. <i>CrystEngComm</i> , 2006 , 8, 805	3.3	57
34	A Practical Approach To Produce Near-Spherical Common Salt Crystals with Better Flow Characteristics. <i>Crystal Growth and Design</i> , 2006 , 6, 1591-1594	3.5	20
33	One-Dimensional Chains, Two-Dimensional Corrugated Sheets Having a Cross-Linked Helix in Metal-Organic Frameworks: Exploring Hydrogen-Bond Capable Backbones and Ligating Topologies in Mixed Ligand Systems. <i>Crystal Growth and Design</i> , 2006 , 6, 1903-1909	3.5	99
32	NH ₄ Cl ₂ Synthon as a Structure-Directing Tool: Crystal Structures of Some Perchlorometallates. <i>Crystal Growth and Design</i> , 2006 , 6, 216-223	3.5	40
31	From nonfunctional lamellae to functional nanotubes. <i>Organic Letters</i> , 2006 , 8, 1271-4	6.2	23
30	Supramolecular Hydrogen Bond Isomerism in Organic Salts: A Transition from 0D to 1D. <i>Crystal Growth and Design</i> , 2006 , 6, 1022-1026	3.5	37

29	Cation-Induced Supramolecular Isomerism in the Hydrogen-Bonded Network of Secondary Ammonium Monocarboxylate Salts: A New Class of Organo Gelator and Their Structures. <i>Crystal Growth and Design</i> , 2006 , 6, 2114-2121	3.5	36
28	New Series of Organogelators Derived from a Combinatorial Library of Primary Ammonium Monocarboxylate Salts. <i>Chemistry of Materials</i> , 2006 , 18, 3795-3800	9.6	64
27	Exploring hydrogen-bond capable backbone and ligating topologies: Co(II) coordination polymers derived from mixed ligand systems. <i>Journal of Molecular Structure</i> , 2006 , 796, 139-145	3.4	33
26	Instant Gelation of Various Organic Fluids Including Petrol at Room Temperature by a New Class of Supramolecular Gelators. <i>Chemistry of Materials</i> , 2006 , 18, 1470-1478	9.6	102
25	From diamondoid network to (4,4) net: effect of ligand topology on the supramolecular structural diversity. <i>Inorganic Chemistry</i> , 2005 , 44, 6933-5	5.1	76
24	First snapshot of a nonpolymeric hydrogelator interacting with its gelling solvents. <i>Chemical Communications</i> , 2005 , 4059-61	5.8	109
23	Facile Syntheses of a Class of Supramolecular Gelator Following a Combinatorial Library Approach: Dynamic Light Scattering and Small-Angle Neutron Scattering Studies. <i>Chemistry of Materials</i> , 2005 , 17, 741-748	9.6	61
22	Facile preparation and structure-property correlation of low molecular mass organic gelators derived from simple organic salts. <i>Journal of Materials Chemistry</i> , 2005 , 15, 2606		43
21	Ascertaining the 1D Hydrogen-Bonded Network in Organic Ionic Solids. <i>Crystal Growth and Design</i> , 2005 , 5, 1545-1553	3.5	63
20	Structure-property correlation of a new family of organogelators based on organic salts and their selective gelation of oil from oil/water mixtures. <i>Chemistry - A European Journal</i> , 2004 , 10, 5311-22	4.8	122
19	Nonpolymeric Hydrogelators Derived from Trimesic Amides. <i>Chemistry of Materials</i> , 2004 , 16, 2332-2335	9.6	57
18	Nonpolymeric hydrogelator derived from N-(4-pyridyl)isonicotinamide. <i>Langmuir</i> , 2004 , 20, 10413-8	4	73
17	Structural Studies of a New Low Molecular Mass Organic Gelator for Organic Liquids Based on Simple Salt. <i>Chemistry of Materials</i> , 2003 , 15, 2136-2140	9.6	64
16	An Easy To Prepare Organic Salt as a Low Molecular Mass Organic Gelator Capable of Selective Gelation of Oil from Oil/Water Mixtures. <i>Chemistry of Materials</i> , 2003 , 15, 3971-3973	9.6	84
15	Supramolecular assemblies in salts and co-crystals of imidazoles with dicarboxylic acids. <i>CrystEngComm</i> , 2003 , 5, 358	3.3	69
14	Hydrogen bonded supramolecular network in organic salts: crystal structures of acid-base salts of dicarboxylic acids and amines. <i>CrystEngComm</i> , 2002 , 4, 135-142	3.3	92
13	Construction of Fused Cyclooctanoid Ring Systems via Seven-Membered Ring Carbonyl Ylides. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 801-811	5.1	16
12	Tandem cyclization-cycloaddition behavior of rhodium carbenoids with carbonyl compounds: stereoselective studies on the construction of novel epoxy-bridged tetrahydropyranone frameworks. <i>Journal of Organic Chemistry</i> , 2002 , 67, 8019-33	4.2	42

11	Rhodium generated carbonyl ylides with p-quinones: synthesis of oxa-bridged polycyclic systems. <i>Tetrahedron</i> , 2001 , 57, 7009-7019	2.4	15
10	Novel Intermolecular [3 + 2] Cycloaddition Reaction of Carbonyl Ylides with Fulvenes: Entry into the Oxatetracyclo[6.5.1.01,6.09,13]tetradecene Ring System. <i>Synlett</i> , 2001 , 2001, 1407-1410	2.2	14
9	Preliminary X-ray analysis of a new crystal form of the Escherichia coli KDO8P synthase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000 , 56, 516-9		10
8	Facile Synthesis of Oxatricyclic Systems with Various Ring Sizes and Substituents. <i>Tetrahedron</i> , 2000 , 56, 6307-6318	2.4	28
7	Structure and mechanism of 3-deoxy-D-manno-octulosonate 8-phosphate synthase. <i>Journal of Biological Chemistry</i> , 2000 , 275, 9476-84	5.4	83
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5	Metal-assisted unusual hydroxylation at the carbon atom of the triazine ring in dinuclear ruthenium(II) and osmium(II) complexes bridged by 2,4,6-tris(2-pyridyl)-1,3,5-triazine: synthesis, structural characterization, stereochemistry, and electrochemical studies. <i>Inorganic Chemistry</i> , 2000 , 39, 14-22	5.1	61
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