

# Parthasarathi Dastidar

## List of Publications by Citations

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144  
ext. papers

5,087  
ext. citations

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6.15  
L-index

#	Paper	IF	Citations
136	Supramolecular gelling agents: can they be designed?. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 2699-715	58.5	647
135	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> , <b>2012</b> , 41, 3039-60	58.5	186
134	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> , <b>2004</b> , 10, 5311-22	4.8	122
133	First snapshot of a nonpolymeric hydrogelator interacting with its gelling solvents. <i>Chemical Communications</i> , <b>2005</b> , 4059-61	5.8	109
132	Instant Gelation of Various Organic Fluids Including Petrol at Room Temperature by a New Class of Supramolecular Gelators. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 1470-1478	9.6	102
131	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> , <b>2006</b> , 6, 1903-1909	3.5	99
130	Hydrogen bonded supramolecular network in organic salts: crystal structures of acid-base salts of dicarboxylic acids and amines. <i>CrystEngComm</i> , <b>2002</b> , 4, 135-142	3.3	92
129	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> , <b>2003</b> , 15, 3971-3973	9.6	84
128	Structure and mechanism of 3-deoxy-D-manno-octulosonate 8-phosphate synthase. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 9476-84	5.4	83
127	From diamondoid network to (4,4) net: effect of ligand topology on the supramolecular structural diversity. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 6933-5	5.1	76
126	Is a Crystal Engineering Approach Useful in Designing Metallogels? A Case Study. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 4976-4986	3.5	75
125	Nonpolymeric hydrogelator derived from N-(4-pyridyl)isonicotinamide. <i>Langmuir</i> , <b>2004</b> , 20, 10413-8	4	73
124	A New Series of ZnII Coordination Polymer Based Metallogels Derived from Bis-pyridyl-bis-amide Ligands: A Crystal Engineering Approach. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 328-336	3.5	69
123	Supramolecular assemblies in salts and co-crystals of imidazoles with dicarboxylic acids. <i>CrystEngComm</i> , <b>2003</b> , 5, 358	3.3	69
122	Gel sculpture: moldable, load-bearing and self-healing non-polymeric supramolecular gel derived from a simple organic salt. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 8057-63	4.8	67
121	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> , <b>2009</b> , 11, 796	3.3	67
120	New Series of Organogelators Derived from a Combinatorial Library of Primary Ammonium Monocarboxylate Salts. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 3795-3800	9.6	64

119	Structural Studies of a New Low Molecular Mass Organic Gelator for Organic Liquids Based on Simple Salt. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 2136-2140	9.6	64
118	Ascertaining the 1D Hydrogen-Bonded Network in Organic Ionic Solids. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 1545-1553	3.5	63
117	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> , <b>2007</b> , 7, 2096-2105	3.5	62
116	Hydrogen-bond-directed self-assembly of D-(+)-dibenzoyltartaric acid and 4-aminopyridine: optical nonlinearities and stoichiometry-dependent novel structural features. <i>Chemistry of Materials</i> , <b>1994</b> , 6, 531-537	9.6	62
115	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> , <b>2005</b> , 17, 741-748	9.6	61
114	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> , <b>2000</b> , 39, 141-149	5.1	61
113	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> , <b>2008</b> , 10, 1565	3.3	58
112	Remarkably Stable Porous Assembly of Nanorods Derived from a Simple Metal-Organic Framework. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 205-207	3.5	57
111	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> , <b>2006</b> , 8, 805	3.3	57
110	Nonpolymeric Hydrogelators Derived from Trimesic Amides. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 2332-2335	9.6	57
109	Metallogels from Coordination Complexes, Organometallic, and Coordination Polymers. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2484-98	4.5	56
108	Designing a simple organic salt-based supramolecular topical gel capable of displaying in vivo self-delivery application. <i>Chemical Communications</i> , <b>2014</b> , 50, 1671-4	5.8	55
107	Supramolecular Assembly of Functionalized Metalloporphyrins. Porous Crystalline Networks of Zinc-Tetra(4-Carboxyphenyl)Porphyrin. <i>Supramolecular Chemistry</i> , <b>1996</b> , 7, 257-270	1.8	54
106	Composites of N,N'-bis-(pyridyl) urea-dicarboxylic acid as new hydrogelators - crystal engineering approach. <i>Tetrahedron</i> , <b>2007</b> , 63, 7386-7396	2.4	50
105	Homo- or Heterosynthons? 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> , <b>2012</b> , 12, 2533-2542	3.5	49
104	A Borromean Weave Coordination Polymer Sustained by Urea-Sulfate Hydrogen Bonding and Its Selective Anion Separation Properties. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 483-487	3.5	48
103	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> , <b>2009</b> , 74, 7111-21	4.2	47
102	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> , <b>2011</b> , 6, 1038-47	4.5	45

101	Exploring conformationally flexible hydrogen-bond-functionalized ligand and counter anions in metal-organic frameworks of Cu(II). <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 1267-1275	3.6	44
100	Facile preparation and structure-property correlation of low molecular mass organic gelators derived from simple organic salts. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 2606		43
99	An unprecedented all helical 3D network and a rarely observed non-interpenetrated octahedral network in homochiral Cu(II) MOFs: effect of steric bulk and $\pi$ -stacking interactions of the ligand backbone. <i>CrystEngComm</i> , <b>2009</b> , 11, 746	3.3	42
98	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> , <b>2002</b> , 67, 8019-33	4.2	42
97	A crystal engineering rationale in designing a Cd(II) coordination polymer based metallogel derived from a C <sub>3</sub> symmetric tris-amide-tris-carboxylate ligand. <i>Soft Matter</i> , <b>2012</b> , 8, 7623	3.6	40
96	NEH <sub>3</sub> Cl <sub>2</sub> M <sup>+</sup> Synthons as a Structure-Directing Tool: Crystal Structures of Some Perchlorometallates. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 216-223	3.5	40
95	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> , <b>2014</b> , 14, 1331-1337	3.5	39
94	Combinatorial library of primary-alkylammonium dicarboxylate gelators: a supramolecular synthon approach. <i>Langmuir</i> , <b>2009</b> , 25, 8742-50	4	39
93	An easy access to an organometallic low molecular weight gelator: a crystal engineering approach. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 3052-3055	2	38
92	Supramolecular Hydrogen Bond Isomerism in Organic Salts: A Transition from 0D to 1D. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 1022-1026	3.5	37
91	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> , <b>2006</b> , 6, 2114-2121	3.5	36
90	Metallogels derived from silver coordination polymers of C <sub>3</sub> -symmetric tris(pyridylamide) tripodal ligands: synthesis of Ag nanoparticles and catalysis. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 255-68	4.8	35
89	Exploring hydrogen-bond capable backbone and ligating topologies: Co(II) coordination polymers derived from mixed ligand systems. <i>Journal of Molecular Structure</i> , <b>2006</b> , 796, 139-145	3.4	33
88	Metalloporphyrin-based inclusion materials: exploiting ligating topologies and hydrogen-bonding backbones in generating new supramolecular architectures. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7351-61	5.1	31
87	Solvent-Driven Structural Diversities in Zn(II) Coordination Polymers and Complexes Derived from Bis-pyridyl Ligands Equipped with a Hydrogen-Bond-Capable Urea Backbone. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 6061-6067	3.5	29
86	Conformation dependent network structures in the coordination polymers derived from pyridylisonicotinamides, carboxylates and Co(II): Entrapment of (H <sub>2</sub> O) <sub>14</sub> water cluster of an unprecedented topology. <i>CrystEngComm</i> , <b>2007</b> , 9, 895	3.3	29
85	Ligating topology and counter anion controlled formation of discrete metallo-macrocycle and 2D corrugated sheet in coordination compounds derived from a bis-pyridyl-bis-amide ligand and Cd(II) salts. <i>Inorganic Chemistry Communication</i> , <b>2008</b> , 11, 636-642	3.1	29
84	$\alpha$ -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> , <b>2013</b> , 29, 10254-63	4	28

83	Cull Coordination Polymers Capable of Gelation and Selective SO <sub>4</sub> <sup>2-</sup> Separation. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 4135-4143	3.5	28
82	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> , <b>2007</b> , 9, 548-555	3.3	28
81	Facile Synthesis of Oxatricyclic Systems with Various Ring Sizes and Substituents. <i>Tetrahedron</i> , <b>2000</b> , 56, 6307-6318	2.4	28
80	Metalla-macro-tricyclic cryptands: anion encapsulation and selective separation of sulfate via in situ crystallization. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 2458	3.6	27
79	Ferrocene based organometallic gelators: a supramolecular synthon approach. <i>Soft Matter</i> , <b>2011</b> , 7, 3634-3636	3.6	27
78	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> , <b>2008</b> , 8, 4144-4149	3.5	26
77	Designing Supramolecular Gelators: Challenges, Frustrations, and Hopes. <i>Gels</i> , <b>2019</b> , 5,	4.2	24
76	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> , <b>2015</b> , 15, 4635-4645	3.5	24
75	Exploiting supramolecular synthons in designing gelators derived from multiple drugs. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 15320-4	4.8	24
74	Supramolecular chirality in organo-, hydro-, and metallogels 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 metallogel network. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 13079-90	4.8	24
73	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> , <b>2010</b> , 2010, 3770-3779	2.3	24
72	Microporous Nanotubular Self-Assembly of a Molecular Chair. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 2979-2983	3.3	23
71	From nonfunctional lamellae to functional nanotubes. <i>Organic Letters</i> , <b>2006</b> , 8, 1271-4	6.2	23
70	Single-Crystal-to-Single-Crystal Breathing and Guest Exchange in CoII Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 5247-5259	3.5	22
69	Coordination Polymers Derived from Non-Steroidal Anti-Inflammatory Drugs for Cell Imaging and Drug Delivery. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 988-98	4.8	22
68	Coordination polymers derived from a bis-pyridyl-bis-amide ligand: Supramolecular structural diversities and anion binding properties. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 1367-1376	2.7	22
67	Noncovalent Syntheses of Supramolecular Organo Gelators. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 763-768	3.5	22
66	Supramolecular Gels by Design: Towards the Development of Topical Gels for Self-Delivery Application. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 9257-66	4.8	21

65	Supramolecular Synthon Approach in Designing Molecular Gels for Advanced Therapeutics. <i>Advanced Therapeutics</i> , <b>2019</b> , 2, 1800061	4.9	20
64	A Practical Approach To Produce Near-Spherical Common Salt Crystals with Better Flow Characteristics. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 1591-1594	3.5	20
63	An Easy Access to Organic Salt-Based Stimuli-Responsive and Multifunctional Supramolecular Hydrogels. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 9267-76	4.8	20
62	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> , <b>2014</b> , 14, 11-14	3.5	19
61	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> , <b>2014</b> , 9, 2475-82	4.5	18
60	Hand-Ground Nanoscale Zn -Based Coordination Polymers Derived from NSAIDs: Cell Migration Inhibition of Human Breast Cancer Cells. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 5736-5747	4.8	17
59	Multidrug-Containing, Salt-Based, Injectable Supramolecular Gels for Self-Delivery, Cell Imaging and Other Materials Applications. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14929-14939	4.8	17
58	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> , <b>2014</b> , 14, 2254-2262	3.5	17
57	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> , <b>2012</b> , 12, 3369-3373	3.5	17
56	Rationally Developed Metallogelators Derived from Pyridyl Derivatives of NSAIDs Displaying Anti-Inflammatory and Anticancer Activities. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 30649-30661	8.5	16
55	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> , <b>2013</b> , 8, 3022-31	4.5	16
54	Construction of Fused Cyclooctanoid Ring Systems via Seven-Membered Ring Carbonyl Ylides. <i>Bulletin of the Chemical Society of Japan</i> , <b>2002</b> , 75, 801-811	5.1	16
53	Reverse thermal gelation of aromatic solvents by a series of easily accessible organic salt based gelators. <i>Soft Matter</i> , <b>2012</b> , 8, 2595	3.6	15
52	Secondary Ammonium Dicarboxylate (SAD) A Supramolecular Synthon in Designing Low Molecular Weight Gelators Derived from Azo-Dicarboxylates. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 5917-5924	3.5	15
51	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> , <b>2011</b> , 11, 5592-5597	3.5	15
50	Rhodium generated carbonyl ylides with p-quinones: synthesis of oxa-bridged polycyclic systems. <i>Tetrahedron</i> , <b>2001</b> , 57, 7009-7019	2.4	15
49	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> , <b>2015</b> , 3, 6634-6644	7.2	14
48	Peptide conjugates of a nonsteroidal anti-inflammatory drug as supramolecular gelators: synthesis, characterization, and biological studies. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 3196-206	4.5	14

47	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> , <b>2001</b> , 2001, 1407-1410	2.2	14
46	Stimuli-Responsive Metallogels for Synthesizing Ag Nanoparticles and Sensing Hazardous Gases. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1941	4.5	13
45	Supramolecular Synthons Transferability and Gelation by Diprimary Ammonium Monocarboxylate Salts. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 5864-5868	3.5	13
44	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> , <b>2012</b> , 12, 5546-5554	3.5	13
43	Mixed Ligand Coordination Polymers for Metallogelation and Iodine Adsorption. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 470-478	3.5	13
42	Supramolecular Hydrogel Derived from a C-Symmetric Boronic Acid Derivative for Stimuli-Responsive Release of Insulin and Doxorubicin. <i>Langmuir</i> , <b>2018</b> , 34, 685-692	4	13
41	Multifunctional single-layered vesicles derived from Cu(II)-metal-organic-polyhedra. <i>Chemical Communications</i> , <b>2016</b> , 52, 13124-13127	5.8	12
40	Probing the O <sup>2</sup> Br <sup>2</sup> halogen bonding in X-ray crystal structures with ab initio calculations. <i>CrystEngComm</i> , <b>2012</b> , 14, 1833	3.3	12
39	Anions as additive and template in tuning metallasupramolecular architecture in CuII coordination compounds derived from L-amino acid based chiral ligands. <i>CrystEngComm</i> , <b>2013</b> , 15, 245-248	3.3	12
38	New Series of ZnII/CdII Mixed Ligand Coordination Polymers: Toward the Design of Metallogels. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 5075-5085	3.5	11
37	Salt metathesis for developing injectable supramolecular metallohydrogelators as a multi-drug-self-delivery system. <i>Chemical Communications</i> , <b>2016</b> , 52, 13811-13814	5.8	11
36	Rational Approach Towards Designing Metallogels From a Urea-Functionalized Pyridyl Dicarboxylate: Anti-inflammatory, Anticancer, and Drug Delivery. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 194-204	4.5	11
35	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> , <b>2015</b> , 13, 2300-9	3.9	10
34	Extending Primary Ammonium Dicarboxylate (PAD) to Diprimary Ammonium Dicarboxylate (DPAD) Synthons and Its Implication in Supramolecular Gelation. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 4559-4570	3.5	10
33	Preliminary X-ray analysis of a new crystal form of the Escherichia coli KDO8P synthase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2000</b> , 56, 516-9		10
32	Easy Access to Supramolecular Gels of the Nonsteroidal Anti-inflammatory Drug Diflunisal: Synthesis, Characterization, and Plausible Biomedical Applications. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 2427-36	4.5	9
31	Rationally Developed Organic Salts of Tolfenamic Acid and Its Alanine Derivatives for Dual Purposes as an Anti-Inflammatory Topical Gel and Anticancer Agent. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 792-803	4.5	8
30	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> , <b>2018</b> , 13, 552-559	4.5	8

29	Nanoscale Mn -Coordination Polymers for Cell Imaging and Heterogeneous Catalysis. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18963-18974	4.8	8
28	The role of secondary ammonium cations in controlling the conformation of C <sub>3</sub> -symmetric acid moieties and its implication for the design of supramolecular capsules. <i>CrystEngComm</i> , <b>2014</b> , 16, 4867-4876	3.3	8
27	A supramolecular hydrogel derived from a simple organic salt capable of proton conduction. <i>Chemical Communications</i> , <b>2020</b> , 56, 5251-5254	5.8	7
26	Studying fluorophilic interactions in a series of coordination compounds derived from mono-pyridyl ligands equipped with hydrogen bonding functionality: exploiting anion-π interaction in separating ClO <sub>4</sub> <sup>-</sup> anion from a competing mixture of anions. <i>CrystEngComm</i> , <b>2013</b> , 15, 9415	3.3	7
25	Design and Synthesis of Zn -Coordination Polymers Anchored with NSAIDs: Metallovesicle Formation and Multi-drug Delivery. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 503-510	4.5	7
24	An easy access to topical gels of an anti-cancer prodrug (5-fluorouracil acetic acid) for self-drug-delivery applications. <i>Chemical Communications</i> , <b>2019</b> , 55, 7683-7686	5.8	6
23	Coordination polymers derived from pyridyl carboxylate ligands having an amide backbone: an attempt towards the selective separation of Cu <sup>II</sup> cation following in situ crystallization under competitive conditions. <i>CrystEngComm</i> , <b>2014</b> , 16, 7815-7829	3.3	6
22	Supramolecular Synthon Approach in Developing Anti-Inflammatory Topical Gels for In Vivo Self-Delivery. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15623-15627	4.8	6
21	Chiral gels derived from secondary ammonium salts of (1R,3S)-(+)-camphoric acid. <i>Beilstein Journal of Organic Chemistry</i> , <b>2010</b> , 6, 848-58	2.5	6
20	Zn(II)-Coordination Polymers with a Right- and Left-Handed Twist: Multifunctional Metal-Organic Hybrid for Dye Adsorption and Drug Delivery. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 7411-7420	3.5	6
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18	Studies of non-linear optical organic materials: crystal and molecular structure of 2-dicyanomethylene-1,3-dioxolane. <i>Journal of Materials Chemistry</i> , <b>1991</b> , 1, 1057		5
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12	Cu(II)-Metallacryptands Self-Assembled to Vesicular Aggregates Capable of Encapsulating and Transporting an Anticancer Drug Inside Cancer Cells. <i>Macromolecular Bioscience</i> , <b>2020</b> , 20, e2000044	5.5	2



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| 11 | Exploring Orthogonal Hydrogen Bonding towards Designing Organic-Salt-Based Supramolecular Gelators: Synthesis, Structures, and Anticancer Properties. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1366-1378   | 4.5 | 2 |
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