

Parthasarathi Dastidar

List of Publications by Year in descending order

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times ranked

4197
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular gelling agents: can they be designed?. <i>Chemical Society Reviews</i> , 2008, 37, 2699.	18.7	726
2	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.	18.7	204
3	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, 5311-5322.	1.7	129
4	First snapshot of a nonpolymeric hydrogelator interacting with its gelling solvents. <i>Chemical Communications</i> , 2005, , 4059.	2.2	117
5	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.	3.2	114
6	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.	1.3	99
7	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.	1.4	99
8	Structure and Mechanism of 3-Deoxy-d-manno-octulosonate 8-Phosphate Synthase. <i>Journal of Biological Chemistry</i> , 2000, 275, 9476-9484.	1.6	91
9	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.	3.2	91
10	Nonpolymeric Hydrogelator Derived from N-(4-Pyridyl)isonicotinamide. <i>Langmuir</i> , 2004, 20, 10413-10418.	1.6	80
11	Metallogels from Coordination Complexes, Organometallic, and Coordination Polymers. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2484-2498.	1.7	80
12	Is a Crystal Engineering Approach Useful in Designing Metallogels? A Case Study. <i>Crystal Growth and Design</i> , 2010, 10, 4976-4986.	1.4	79
13	A New Series of Zn ^{II} Coordination Polymer Based Metallogels Derived from Bis-pyridyl-bis-amide Ligands: A Crystal Engineering Approach. <i>Crystal Growth and Design</i> , 2011, 11, 328-336.	1.4	77
14	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, 8057-8063.	1.7	77
15	From Diamondoid Network to (4,4) Net: Effect of Ligand Topology on the Supramolecular Structural Diversity. <i>Inorganic Chemistry</i> , 2005, 44, 6933-6935.	1.9	76
16	Supramolecular assemblies in salts and co-crystals of imidazoles with dicarboxylic acids. <i>CrystEngComm</i> , 2003, 5, 358.	1.3	74
17	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.	1.3	71
18	New Series of Organogelators Derived from a Combinatorial Library of Primary Ammonium Monocarboxylate Salts. <i>Chemistry of Materials</i> , 2006, 18, 3795-3800.	3.2	68

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19	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> , 1994, 6, 531-537.	3.2	67
20	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.	3.2	67
21	Supramolecular Assembly of Functionalized Metalloporphyrins. Porous Crystalline Networks of Zinc-Tetra(4-Carboxyphenyl)Porphyrin. <i>Supramolecular Chemistry</i> , 1996, 7, 257-270.	1.5	66
22	Ascertaining the 1D Hydrogen-Bonded Network in Organic Ionic Solids. <i>Crystal Growth and Design</i> , 2005, 5, 1545-1553.	1.4	64
23	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.	1.4	64
24	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.	1.9	63
25	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.	3.2	63
26	Nonpolymeric Hydrogelators Derived from Trimesic Amides. <i>Chemistry of Materials</i> , 2004, 16, 2332-2335.	3.2	61
27	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.	1.3	61
28	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.	1.3	58
29	Designing a simple organic salt-based supramolecular topical gel capable of displaying in vivo self-delivery application. <i>Chemical Communications</i> , 2014, 50, 1671.	2.2	58
30	Remarkably Stable Porous Assembly of Nanorods Derived from a Simple Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2007, 7, 205-207.	1.4	57
31	Composites of N,N'-bis-(pyridyl) urea-dicarboxylic acid as new hydrogelators—a crystal engineering approach. <i>Tetrahedron</i> , 2007, 63, 7386-7396.	1.0	54
32	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.	1.4	54
33	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, 7111-7121.	1.7	53
34	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.	1.4	51
35	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, 1038-1047.	1.7	51
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.	1.4	48

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37	Combinatorial Library of Primaryalkylammonium Dicarboxylate Gelators: A Supramolecular Synthon Approach. <i>Langmuir</i> , 2009, 25, 8742-8750.	1.6	44
38	A crystal engineering rationale in designing a CdII coordination polymer based metallogel derived from a C3 symmetric tris-amide-tris-carboxylate ligand. <i>Soft Matter</i> , 2012, 8, 7623.	1.2	44
39	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.	1.4	44
40	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, 8019-8033.	1.7	43
41	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.	6.7	43
42	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 - π stacking interactions of the ligand backbone. <i>CrystEngComm</i> , 2009, 11, 746.	1.3	43
43	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, 255-268.	1.7	42
44	Designing Supramolecular Gelators: Challenges, Frustrations, and Hopes. <i>Gels</i> , 2019, 5, 15.	2.1	42
45	An easy access to an organometallic low molecular weight gelator: a crystal engineering approach. <i>Tetrahedron Letters</i> , 2008, 49, 3052-3055.	0.7	41
46	N^a -H α -Cl α -M Synthon as a Structure-Directing Tool: Crystal Structures of Some Perchlorometallates. <i>Crystal Growth and Design</i> , 2006, 6, 216-223.	1.4	40
47	Supramolecular Synthon Approach in Designing Molecular Gels for Advanced Therapeutics. <i>Advanced Therapeutics</i> , 2019, 2, 1800061.	1.6	40
48	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.	1.4	38
49	Supramolecular Hydrogen Bond Isomerism in Organic Salts: A Transition from 0D to 1D. <i>Crystal Growth and Design</i> , 2006, 6, 1022-1026.	1.4	37
50	Facile Synthesis of Oxatricyclic Systems with Various Ring Sizes and Substituents. <i>Tetrahedron</i> , 2000, 56, 6307-6318.	1.0	33
51	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.	1.8	33
52	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, 10254-10263.	1.6	33
53	Metalloporphyrin-Based Inclusion Materials: Exploiting Ligating Topologies and Hydrogen-Bonding Backbones in Generating New Supramolecular Architectures. <i>Inorganic Chemistry</i> , 2007, 46, 7351-7361.	1.9	31
54	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> , 2012, 12, 6061-6067.	1.4	31

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55	Ferrocene based organometallic gelators: a supramolecular synthon approach. <i>Soft Matter</i> , 2011, 7, 3634.	1.2	30
56	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.	1.3	29
57	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> , 2008, 11, 636-642.	1.8	29
58	Metalla-macro-tricyclic cryptands: anion encapsulation and selective separation of sulfate via in situ crystallization. <i>New Journal of Chemistry</i> , 2010, 34, 2458.	1.4	29
59	Cull Coordination Polymers Capable of Gelation and Selective SO ₄ ²⁻ Separation. <i>Crystal Growth and Design</i> , 2012, 12, 4135-4143.	1.4	29
60	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.	1.4	29
61	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.	1.3	28
62	Single-Crystal-to-Single-Crystal Breathing and Guest Exchange in Co ^{II} Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2016, 16, 5247-5259.	1.4	28
63	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.	1.4	27
64	Exploiting Supramolecular Synthons in Designing Gelators Derived from Multiple Drugs. <i>Chemistry - A European Journal</i> , 2014, 20, 15320-15324.	1.7	27
65	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.	4.0	27
66	Mixed Ligand Coordination Polymers for Metallogelation and Iodine Adsorption. <i>Crystal Growth and Design</i> , 2019, 19, 470-478.	1.4	27
67	Supramolecular Chirality in Organo-, Hydro-, and Metallogels Derived from Bis-amides of (+)-tartaric Acid: Formation of Highly Aligned 1D Silica Fibers and Evidence of 5-Net SnS Topology in a Metallogel Network. <i>Chemistry - A European Journal</i> , 2012, 18, 13079-13090.	1.7	26
68	From Nonfunctional Lamellae to Functional Nanotubes. <i>Organic Letters</i> , 2006, 8, 1271-1274.	2.4	25
69	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.	1.0	25
70	Supramolecular Gels by Design: Towards the Development of Topical Gels for Self-Delivery Application. <i>Chemistry - A European Journal</i> , 2016, 22, 9257-9266.	1.7	25
71	Coordination Polymers Derived from Non-steroidal Anti-inflammatory Drugs for Cell Imaging and Drug Delivery. <i>Chemistry - A European Journal</i> , 2016, 22, 988-998.	1.7	25
72	Microporous Nanotubular Self-Assembly of a Molecular Chair. <i>Crystal Growth and Design</i> , 2009, 9, 2979-2983.	1.4	24

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73	Handâ€Ground Nanoscale Zn ^{II} -Based Coordination Polymers Derived from NSAIDs: Cell Migration Inhibition of Human Breast Cancer Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 5736-5747.	1.7	24
74	A Practical Approach To Produce Near-Spherical Common Salt Crystals with Better Flow Characteristics. <i>Crystal Growth and Design</i> , 2006, 6, 1591-1594.	1.4	23
75	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.	1.2	23
76	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.	1.7	23
77	Noncovalent Syntheses of Supramolecular Organo Gelators. <i>Crystal Growth and Design</i> , 2006, 6, 763-768.	1.4	22
78	An Easy Access to Organic Salt-Based Stimuli-Responsive and Multifunctional Supramolecular Hydrogels. <i>Chemistry - A European Journal</i> , 2016, 22, 9267-9276.	1.7	22
79	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.	1.9	22
80	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.	1.4	21
81	Remarkable Shape-Sustaining, Load-Bearing, and Self-Healing Properties Displayed by a Supramolecular Gel Derived from a Bis-pyridyl-bis-amide of Phenyl Alanine. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2475-2482.	1.7	21
82	Reverse thermal gelation of aromatic solvents by a series of easily accessible organic salt based gelators. <i>Soft Matter</i> , 2012, 8, 2595.	1.2	20
83	Secondary Ammonium Dicarboxylate (SAD)-A Supramolecular Synthons in Designing Low Molecular Weight Gelators Derived from Azo-Dicarboxylates. <i>Crystal Growth and Design</i> , 2012, 12, 5917-5924.	1.4	20
84	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.	2.9	20
85	Stimuli-Responsive Metallogels for Synthesizing Ag Nanoparticles and Sensing Hazardous Gases. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1941-1949.	1.7	20
86	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.	1.7	19
87	Rhodium generated carbonyl ylides with p-quinones: synthesis of oxa-bridged polycyclic systems. <i>Tetrahedron</i> , 2001, 57, 7009-7019.	1.0	18
88	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.	2.0	18
89	Supramolecular Hydrogel Derived from a C ₃ -Symmetric Boronic Acid Derivative for Stimuli-Responsive Release of Insulin and Doxorubicin. <i>Langmuir</i> , 2018, 34, 685-692.	1.6	18
90	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.	1.4	17

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91	Crystal Engineering Approach toward Selective Formation of an Asymmetric Supramolecular Synthone in Primary Ammonium Monocarboxylate (PAM) Salts and Their Gelation Studies. <i>Crystal Growth and Design</i> , 2014, 14, 2254-2262.	1.4	17
92	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> , 2020, 20, 7411-7420.	1.4	17
93	Primary Ammonium Monocarboxylate Synthone 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, 3022-3031.	1.7	16
94	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.	1.0	15
95	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.	1.4	15
96	Peptide Conjugates of a Nonsteroidal Anti-inflammatory Drug as Supramolecular Gelators: Synthesis, Characterization, and Biological Studies. <i>Chemistry - an Asian Journal</i> , 2014, 9, 3196-3206.	1.7	15
97	A New Series of Cu(II) 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.	1.4	14
98	Probing the O \cdots Br halogen bonding in X-ray crystal structures with ab initio calculations. <i>CrystEngComm</i> , 2012, 14, 1833.	1.3	13
99	Supramolecular Synthone Transferability and Gelation by Diprimary Ammonium Monocarboxylate Salts. <i>Crystal Growth and Design</i> , 2012, 12, 5864-5868.	1.4	13
100	Multifunctional single-layered vesicles derived from Cu(II)-metal-organic-polyhedra. <i>Chemical Communications</i> , 2016, 52, 13124-13127.	2.2	13
101	Design and Synthesis of Zn(II) Coordination Polymers Anchored with NSAIDs: Metallovesicle Formation and Multi-drug Delivery. <i>Chemistry - an Asian Journal</i> , 2020, 15, 503-510.	1.7	13
102	Preliminary X-ray analysis of a new crystal form of the <i>Escherichia coli</i> KDO8P synthase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 516-519.	2.5	12
103	Anions as additive and template in tuning metal-supramolecular architecture in Cu coordination compounds derived from amino acid based chiral ligands. <i>CrystEngComm</i> , 2013, 15, 245-248.	1.3	12
104	New Series of Zn(II)/Cd(II) Mixed Ligand Coordination Polymers: Toward the Design of Metallogels. <i>Crystal Growth and Design</i> , 2015, 15, 5075-5085.	1.4	12
105	Salt metathesis for developing injectable supramolecular metallohydrogelators as a multi-drug-self-delivery system. <i>Chemical Communications</i> , 2016, 52, 13811-13814.	2.2	12
106	A supramolecular hydrogel derived from a simple organic salt capable of proton conduction. <i>Chemical Communications</i> , 2020, 56, 5251-5254.	2.2	12
107	Multi-NSAID-based Zn(II) coordination complex-derived metallogelators/metallogels as plausible multi-drug self-delivery systems. <i>Chemical Communications</i> , 2022, 58, 969-972.	2.2	12
108	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, 2300-2309.	1.5	11

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109	Nanoscale Mn ^{II} Coordination Polymers for Cell Imaging and Heterogeneous Catalysis. Chemistry - A European Journal, 2016, 22, 18963-18974.	1.7	11
110	Nitrile-Containing Terpyridyl Zn(II)-Coordination Polymer-Based Metallogelators Displaying Helical Structures: Synthesis, Structures, and Action against B16-F10 Melanoma Cells. ACS Applied Materials & Interfaces, 2023, 15, 25098-25109.	4.0	11
111	Extending Primary Ammonium Dicarboxylate (PAD) to Diprimary Ammonium Dicarboxylate (DPAD) Synthon and Its Implication in Supramolecular Gelation. Crystal Growth and Design, 2013, 13, 4559-4570.	1.4	10
112	Supramolecular Gels Derived from the Salts of Variously Substituted Phenylacetic Acid and Dicyclohexylamine: Design, Synthesis, Structures, and Dye Adsorption. Chemistry - an Asian Journal, 2018, 13, 552-559.	1.7	10
113	Easy Access to Supramolecular Gels of the Nonsteroidal Anti-inflammatory Drug Diflunisal: Synthesis, Characterization, and Plausible Biomedical Applications. Chemistry - an Asian Journal, 2015, 10, 2427-2436.	1.7	9
114	An easy access to topical gels of an anti-cancer prodrug (5-fluorouracil acetic acid) for self-drug-delivery applications. Chemical Communications, 2019, 55, 7683-7686.	2.2	9
115	Studying fluoruous 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. CrystEngComm, 2013, 15, 9415.	1.3	8
116	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. CrystEngComm, 2014, 16, 4867-4876.	1.3	8
117	Rationally Developed Organic Salts of Tolfenamic Acid and Its Alanine Derivatives for Dual Purposes as an Anti-inflammatory Topical Gel and Anticancer Agent. Chemistry - an Asian Journal, 2017, 12, 792-803.	1.7	8
118	Supramolecular Synthon Approach in Designing Organic Sulfonates as Supramolecular Gelators: An Easily Accessible Topical Gel with Antibacterial Properties. Chemistry of Materials, 2021, 33, 2274-2288.	3.2	8
119	Crystal structure of the inclusion complex of cholic acid with 4-aminopyridine: a novel supramolecular architecture of cholic acid. CrystEngComm, 2000, 2, 49.	1.3	7
120	Supramolecular Synthon Approach in Developing Anti-inflammatory Topical Gels for In Vivo Self-Delivery. Chemistry - A European Journal, 2017, 23, 15623-15627.	1.7	7
121	Supramolecular Hydrogels Developed from Mafenide and Indomethacin as a Plausible Multidrug Self-Delivery System as Antibacterial and Anti-inflammatory Topical Gels. ACS Applied Bio Materials, 2022, 5, 610-621.	2.3	7
122	Chiral gels derived from secondary ammonium salts of (1 <i>R</i> ,3 <i>S</i>)-(+)-camphoric acid. Beilstein Journal of Organic Chemistry, 2010, 6, 848-858.	1.3	6
123	Coordination polymers derived from pyridyl carboxylate ligands having an amide backbone: an attempt towards the selective separation of Cu ^I cation following in situ crystallization under competitive conditions. CrystEngComm, 2014, 16, 7815-7829.	1.3	6
124	Exfoliated Nanosheets of a Cu ^{II} Coordination Polymer Modulate Enzyme Activity of Chymotrypsin. Chemistry - A European Journal, 2018, 24, 11297-11302.	1.7	6
125	Chapter 2. Designing Soft Supramolecular Materials Using Intermolecular Interactions. Monographs in Supramolecular Chemistry, 0, , 37-74.	0.2	6
126	Studies of non-linear optical organic materials: crystal and molecular structure of 2-dicyanomethylene-1,3-dioxolane. Journal of Materials Chemistry, 1991, 1, 1057.	6.7	5

#	ARTICLE	IF	CITATIONS
127	Rheoreversible Metallogels Derived from Coordination Polymers. Chemistry - an Asian Journal, 2018, 13, 1474-1484.	1.7	5
128	Simple Organic Salts Having a Naphthalenediimide (NDI) Core Display Multifunctional Properties: Gelation, Anticancer and Semiconducting Properties. Chemistry - an Asian Journal, 2018, 13, 170-180.	1.7	5
129	Designing Metallogelators Derived from NSAID-based Zn(II) Coordination Complexes for Drug-Delivery Applications. Chemistry - an Asian Journal, 2020, 15, 3558-3567.	1.7	4
130	Structural Rationale towards Designing Coordination Polymer Based Metallogels Displaying Anti-Cancer and Anti-Bacterial Properties. ChemistrySelect, 2021, 6, 13992-14004.	0.7	4
131	$3,3\text{-}\{\text{Ethane-1,2-diylbis[carbonylbis(azanediyl)]}\}$ dipyridinium tetrachloridoplatinate(II). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m270-m270.	0.2	2
132	Aggregation enhanced emission (AEE) in organic salt: A structure-property correlation based on single crystal studies. Journal of Chemical Sciences, 2014, 126, 1357-1362.	0.7	2
133	Exploring Orthogonal Hydrogen Bonding towards Designing Organic-Salt-Based Supramolecular Gelators: Synthesis, Structures, and Anticancer Properties. Chemistry - an Asian Journal, 2018, 13, 1366-1378.	1.7	2
134	Self-Assembly of Spherical Organic Molecules to Form Hollow Vesicular Structures in Water for Encapsulation of an Anticancer Drug and Its Release. Chemistry - an Asian Journal, 2019, 14, 1992-1999.	1.7	2
135	Supramolecular Gels Derived from Simple Organic Salts of Flufenamic Acid: Design, Synthesis, Structures, and Plausible Biomedical Application. ACS Biomaterials Science and Engineering, 2019, 5, 2180-2189.	2.6	2
136	Cu(II)-Metallacryptands Self-Assembled to Vesicular Aggregates Capable of Encapsulating and Transporting an Anticancer Drug Inside Cancer Cells. Macromolecular Bioscience, 2020, 20, e2000044.	2.1	2
137	<i>catena</i> -Poly[[[triquasulfatozinc(II)] $\cdot\frac{1}{4}$ -3,3-bis(3-pyridyl)-1,1-(<i>m</i> -phenylene)diurea] methanol solvate monohydrate]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m413-m414.	0.2	2
138	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). Chemistry - an Asian Journal, 2011, 6, 950-950.	1.7	0