

List of Publications by Citations

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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.

26 papers	829 citations	13 h-index	28 g-index
28 ext. papers	858 ext. citations	4.5 avg, IF	3.91 L-index

#	Paper	IF	Citations
26	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
25	Hydrogen bonded supramolecular network in organic salts: crystal structures of acidBase salts of dicarboxylic acids and amines. <i>CrystEngComm</i> , 2002 , 4, 135-142	3.3	92
24	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
23	Supramolecular assemblies in salts and co-crystals of imidazoles with dicarboxylic acids. <i>CrystEngComm</i> , 2003 , 5, 358	3.3	69
22	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
21	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
20	Ascertaining the 1D Hydrogen-Bonded Network in Organic Ionic Solids. <i>Crystal Growth and Design</i> , 2005 , 5, 1545-1553	3.5	63
19	How Robust Is the NH ₄ Cl ₂ Cu Synthon? Crystal Structures of Some Perchlorocuprates. <i>Crystal Growth and Design</i> , 2005 , 5, 651-660	3.5	53
18	Facile preparation and structureProperty correlation of low molecular mass organic gelators derived from simple organic salts. <i>Journal of Materials Chemistry</i> , 2005 , 15, 2606		43
17	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
16	From nonfunctional lamellae to functional nanotubes. <i>Organic Letters</i> , 2006 , 8, 1271-4	6.2	23
15	Noncovalent Syntheses of Supramolecular Organo Gelators. <i>Crystal Growth and Design</i> , 2006 , 6, 763-768	3.5	22
14	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
13	OddEven effect in a thiazole based organogelator: understanding the interplay of non-covalent interactions on property and applications. <i>New Journal of Chemistry</i> , 2015 , 39, 721-730	3.6	13
12	Synthesis, characterization and nano-particles synthesis using a simple two component supramolecular gelator: A step towards plausible mechanism of hydrogelation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 414, 333-338	5.1	13
11	Combinatorial Library Approach to Realize 2-Aminothiazole-Based Two-Component Hydrogelator: A StructureProperty Correlation. <i>Crystal Growth and Design</i> , 2014 , 14, 5966-5975	3.5	12
10	Probing the O?BrBr halogen bonding in X-ray crystal structures with ab initio calculations. <i>CrystEngComm</i> , 2012 , 14, 1833	3.3	12

9	Room temperature metallogelation for a simple series of aminothiazole ligands with potential applications in identifying and scavenging mercury ions. <i>RSC Advances</i> , 2014 , 4, 563-566	3.7	11
8	Role of S \cdots O non-bonded interaction in controlling supramolecular assemblies in a new series of 2-aminobenzothiazole based organic salts/ co-crystals. <i>Journal of Solid State Chemistry</i> , 2018 , 263, 231-238	3.3	9
7	Investigation of catalytic properties of Cs salt of di-copper substituted phosphotungstate, Cs ₇ [PW ₁₀ Cu ₂ (H ₂ O)O ₃₈] in epoxidation of styrene. <i>Inorganica Chimica Acta</i> , 2019 , 487, 345-353	2.7	6
6	Design, synthesis, and application of a new series of organogelator using crystal engineering approach and solvent parameter study: A synergetic approach. <i>Journal of Molecular Liquids</i> , 2021 , 322, 114520	6	3
5	Probing the mechanism of gelation and anion sensing capability of a thiazole based amide gelator: A case study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 607, 125430	5.1	1
4	A series of multifunctional pivalamide based Low Molecular Mass Gelators (LMOGs) with potential applications in oil-spill remediation and toxic dye removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 632, 127813	5.1	1
3	N-(thiazol-2-yl)benzamide derivatives as a new series of supramolecular gelators: Role of methyl functionality and S \cdots O interaction. <i>Journal of Solid State Chemistry</i> , 2020 , 281, 121027	3.3	1
2	A series of memantine based salts with various aromatic and aliphatic carboxylic acids: Crystallographic analysis, Hirshfeld surfaces and dissolution study. <i>Journal of Molecular Structure</i> , 2020 , 1206, 127672	3.4	1
1	Hydrogen bonded network of 1,1-cyclobutanedicarboxylic acid (CBD) salts: Effect of amine backbone on supramolecular assembly. <i>Journal of Molecular Structure</i> , 2021 , 1232, 130025	3.4	