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List of Publications by Year
in descending order

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24 papers	525 citations	623699 14 h-index	642715 23 g-index
25 all docs	25 docs citations	25 times ranked	649 citing authors

#	Article	IF	Citations
1	Supramolecular Architecture in Some 4-Halophenylboronic Acids. Crystal Growth and Design, 2007, 7, 1958-1963.	3.0	61
2	Vibrational analysis and chemical activity of paracetamolâ€“oxalic acid cocrystal based on monomer and dimer calculations: DFT and AIM approach. RSC Advances, 2016, 6, 10024-10037.	3.6	60
3	New cocrystals of ezetimibe with <scp>l</scp>-proline and imidazole. CrystEngComm, 2014, 16, 8984-8993.	2.6	54
4	Studies of molecular structure, hydrogen bonding and chemical activity of a nitrofurantoin-<scp>l</scp>-proline cocrystal: a combined spectroscopic and quantum chemical approach. RSC Advances, 2016, 6, 74135-74154.	3.6	37
5	Tadalafilâ€“Malonic Acid Cocrystal: Physicochemical Characterization, pH-Solubility, and Supersaturation Studies. Crystal Growth and Design, 2018, 18, 4378-4387.	3.0	31
6	Relationship between mechanical properties and crystal structure in cocrystals and salt of paracetamol. Drug Development and Industrial Pharmacy, 2017, 43, 89-97.	2.0	30
7	Carbohydrate conjugation through microwave-assisted functionalization of single-walled carbon nanotubes using perfluorophenyl azides. Carbohydrate Research, 2015, 405, 33-38.	2.3	29
8	Atomistic Insight into Tetraalkylphosphonium Bis(oxalato)borate Ionic Liquid/Water Mixtures. 2. Volumetric and Dynamic Properties. Journal of Physical Chemistry B, 2016, 120, 7446-7455.	2.6	27
9	Understanding the thermal decomposition mechanism of a halogen-free chelated orthoborate-based ionic liquid: a combined computational and experimental study. Physical Chemistry Chemical Physics, 2016, 18, 22458-22466.	2.8	27
10	Pharmaceutical Crystal Engineering Using Ionic Liquid Anionâ€“Solute Interactions. Crystal Growth and Design, 2017, 17, 1729-1734.	3.0	19
11	Molecular structure and hydrogen bond interactions of a paracetamolâ€“4,4â€²-bipyridine cocrystal studied using a vibrational spectroscopic and quantum chemical approach. CrystEngComm, 2018, 20, 213-222.	2.6	18
12	Novel Supramolecular Assemblies of Coordination Polymers of Zn(II) and Bis(4-nitrophenyl)phosphoric Acid with Some Aza-Donor Compounds. Crystal Growth and Design, 2007, 7, 1791-1796.	3.0	17
13	Transition anionic complex in trihexyl(tetradecyl)phosphonium-bis(oxalato)borate ionic liquid â€“ revisited. Physical Chemistry Chemical Physics, 2021, 23, 6190-6203.	2.8	17
14	Room-Temperature Ionic Liquids: For a Difference in the Supramolecular Synthesis. Macromolecular Symposia, 2006, 241, 83-87.	0.7	15
15	Molecular Structure, Spectral Investigations, Hydrogen Bonding Interactions and Reactivity-Property Relationship of Caffeine-Citric Acid Cocrystal by Experimental and DFT Approach. Frontiers in Chemistry, 2021, 9, 708538.	3.6	13
16	Combined spectroscopic and quantum chemical studies of ezetimibe. Journal of Molecular Structure, 2016, 1125, 193-203.	3.6	12
17	Boundary lubricity of phosphonium bisoxalatoborate ionic liquids. Tribology International, 2021, 161, 107075.	5.9	11
18	Hydrated and anhydrous molecular complexes of benzenepentacarboxylic acid and 4,4â€²-bipyridine. Journal of Molecular Structure, 2013, 1050, 216-221.	3.6	10

#	Article	IF	Citations
19	Vibrational spectra, hydrogen bonding interactions and chemical reactivity analysis of nicotinamideâ€“citric acid cocrystals by an experimental and theoretical approach. New Journal of Chemistry, 2019, 43, 15956-15967.	2.8	10
20	Molecular Structural, Hydrogen Bonding Interactions, and Chemical Reactivity Studies of Ezetimibe-L-Proline Cocrystal Using Spectroscopic and Quantum Chemical Approach. Frontiers in Chemistry, 2022, 10, 848014.	3.6	7
21	Experimental and Quantum Chemical Studies of Nicotinamide-Oxalic Acid Salt: Hydrogen Bonding, AIM and NBO Analysis. Frontiers in Chemistry, 2022, 10, 855132.	3.6	7
22	Synthesis and structural evaluation of five coordination complexes of benzenepentacarboxylic acid with aza-donor ligands. Journal of Molecular Structure, 2016, 1114, 38-47.	3.6	5
23	Molecular structure, spectroscopic signatures and reactivity analyses of paracetamol hydrochloride monohydrate salt using density functional theory calculations. CrystEngComm, 0, , .	2.6	5
24	Preparation and Structure Analysis of Three New Copper Complexes of Mellitic Acid With 4,4â€²â€Bipyridine and 1,3â€•bis (4â€pyridyl)Propane. ChemistrySelect, 2018, 3, 855-858.	1.5	3