Abhijeet S Sinha

List of Publications by Year
in descending order

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32	756	471509 17	526287 27
papers	citations	h-index	g-index

35	35	35	1008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cocrystallization of Nutraceuticals. Crystal Growth and Design, 2015, 15, 984-1009.	3.0	87
2	Impact and importance of electrostatic potential calculations for predicting structural patterns of hydrogen and halogen bonding. CrystEngComm, 2016, 18, 8631-8636.	2.6	60
3	A versatile and green mechanochemical route for aldehydeâ€“oxime conversions. Chemical Communications, 2012, 48, 11289.	4.1	49
4	Modulating the physical properties of solid forms of urea using co-crystallization technology. Chemical Communications, 2018, 54, 4657-4660.	4.1	46
5	Structural Chemistry of Oximes. Crystal Growth and Design, 2013, 13, 2687-2695.	3.0	43
6	Cocrystals and Salts of Tetrazole-Based Energetic Materials. Crystal Growth and Design, 2020, 20, 2432-2439.	3.0	42
7	Design and Synthesis of Ternary Cocrystals Using Carboxyphenols and Two Complementary Acceptor Compounds. Crystal Growth and Design, 2016, 16, 59-69.	3.0	40
8	Novel co-crystals of the nutraceutical sinapic acid. CrystEngComm, 2015, 17, 4832-4841.	2.6	39
9	Evaluating Competing Intermolecular Interactions through Molecular Electrostatic Potentials and Hydrogen-Bond Propensities. Crystal Growth and Design, 2018, 18, 466-478.	3.0	36
10	Investigating Câ•Â·Â·Â·I Halogen Bonding for Cocrystallization with Primary Thioamides. Crystal Growth and Design, 2015, 15, 3442-3451.	3.0	27
11	Systematic investigation of hydrogen-bond propensities for informing co-crystal design and assembly. CrystEngComm, 2019, 21, 6048-6055.	2.6	27
12	Competition between hydrogen bonds and halogen bonds: a structural study. New Journal of Chemistry, 2018, 42, 10539-10547.	2.8	26
13	Enantioselective copper catalysed Câ€“H insertion reaction of 2-sulfonyl-2-diazoacetamides to form Î³-lactams. Organic and Biomolecular Chemistry, 2014, 12, 7612-7628.	2.8	25
14	The Role of Halogen Bonding in Controlling Assembly and Organization of Cu(II)-Acac Based Coordination Complexes. Crystals, 2017, 7, 226.	2.2	25
15	Halogen bonding or close packing? Examining the structural landscape in a series of Cu(ii)-acac complexes. Dalton Transactions, 2011, 40, 12160.	3.3	24
16	Cocrystals and a Salt of the Bioactive Flavonoid: Naringenin. Crystal Growth and Design, 2018, 18, 4571-4577.	3.0	23
17	Synthesis of ketoximes via a solvent-assisted and robust mechanochemical pathway. RSC Advances, 2013, 3, 8168.	3.6	19
18	Competition and selectivity in supramolecular synthesis: structural landscape around 1-(pyridylmethyl)-2,2â€²-biimidazoles. Faraday Discussions, 2017, 203, 371-388.	3.2	17

#	Article	IF	Citations
19	Supramolecular Chemistry of Some Metal Acetylacetonates with Auxiliary Pyridyl Sites. Crystal Growth and Design, 2018, 18, 6936-6945.	3.0	12
20	Traversing the Tightrope between Halogen and Chalcogen Bonds Using Structural Chemistry and Theory. Crystal Growth and Design, 2021, 21, 7168-7178.	3.0	12
21	Exploring binding preferences in co-crystals of conformationally flexible multitopic ligands. CrystEngComm, 2017, 19, 4605-4614.	2.6	10
22	Mapping out the Relative Influence of Hydrogen and Halogen Bonds in Crystal Structures of a Family of Amide-Substituted Pyridines. Crystal Growth and Design, 2020, 20, 7399-7410.	3.0	10
23	The Balance between Hydrogen Bonds, Halogen Bonds, and Chalcogen Bonds in the Crystal Structures of a Series of 1,3,4-Chalcogenadiazoles. Molecules, 2021, 26, 4125.	3.8	10
24	Enhancing chemical stability of tetranitro biimidazole-based energetic materials through co-crystallization. Canadian Journal of Chemistry, 2020, 98, 358-364.	1.1	9
25	Structural Examination of Halogen-Bonded Co-Crystals of Tritopic Acceptors. Molecules, 2018, 23, 163.	3.8	7
26	From Frustrated Packing to Tecton-Driven Porous Molecular Solids. Chemistry, 2020, 2, 179-192.	2.2	7
27	Establishing Halogenâ€Bond Preferences in Molecules with Multiple Acceptor Sites. ChemPlusChem, 2021, 86, 1049-1057.	2.8	7
28	Assessment of Computational Tools for Predicting Supramolecular Synthons. Chemistry, 2021, 3, 612-629.	2.2	5
29	The Impact of Halogen Substituents on the Synthesis and Structure of Co-Crystals of Pyridine Amides. Molecules, 2021, 26, 1147.	3.8	4
30	â€œTriply Activatedâ€•Phenyl 3-Iodopropiolates: Halogen-Bond Donors with Remarkable Ïƒ-Hole Potentials. Crystal Growth and Design, 2022, 22, 1538-1542.	3.0	4
31	Using structural mimics for accessing and exploring structural landscapes of poorly soluble molecular solids. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 42-48.	1.1	3
32	A family of powerful halogen-bond donors: a structural and theoretical analysis of triply activated 3-iodo-1-phenylprop-2-yn-1-ones. CrystEngComm, 2022, 24, 738-742.	2.6	1