

Abhijeet S Sinha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/291918/publications.pdf>

Version: 2024-02-01

32
papers

756
citations

471509

17
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	“Triply Activated”-Phenyl 3-Iodopropiolates: Halogen-Bond Donors with Remarkable π -Hole Potentials. <i>Crystal Growth and Design</i> , 2022, 22, 1538-1542.	3.0	4
2	A family of powerful halogen-bond donors: a structural and theoretical analysis of triply activated 3-iodo-1-phenylprop-2-yn-1-ones. <i>CrystEngComm</i> , 2022, 24, 738-742.	2.6	1
3	The Impact of Halogen Substituents on the Synthesis and Structure of Co-Crystals of Pyridine Amides. <i>Molecules</i> , 2021, 26, 1147.	3.8	4
4	Establishing Halogen-Bond Preferences in Molecules with Multiple Acceptor Sites. <i>ChemPlusChem</i> , 2021, 86, 1049-1057.	2.8	7
5	Assessment of Computational Tools for Predicting Supramolecular Synthons. <i>Chemistry</i> , 2021, 3, 612-629.	2.2	5
6	The Balance between Hydrogen Bonds, Halogen Bonds, and Chalcogen Bonds in the Crystal Structures of a Series of 1,3,4-Chalcogenadiazoles. <i>Molecules</i> , 2021, 26, 4125.	3.8	10
7	Traversing the Tightrope between Halogen and Chalcogen Bonds Using Structural Chemistry and Theory. <i>Crystal Growth and Design</i> , 2021, 21, 7168-7178.	3.0	12
8	Mapping out the Relative Influence of Hydrogen and Halogen Bonds in Crystal Structures of a Family of Amide-Substituted Pyridines. <i>Crystal Growth and Design</i> , 2020, 20, 7399-7410.	3.0	10
9	Cocrystals and Salts of Tetrazole-Based Energetic Materials. <i>Crystal Growth and Design</i> , 2020, 20, 2432-2439.	3.0	42
10	From Frustrated Packing to Tecton-Driven Porous Molecular Solids. <i>Chemistry</i> , 2020, 2, 179-192.	2.2	7
11	Enhancing chemical stability of tetranitro biimidazole-based energetic materials through co-crystallization. <i>Canadian Journal of Chemistry</i> , 2020, 98, 358-364.	1.1	9
12	Systematic investigation of hydrogen-bond propensities for informing co-crystal design and assembly. <i>CrystEngComm</i> , 2019, 21, 6048-6055.	2.6	27
13	Competition between hydrogen bonds and halogen bonds: a structural study. <i>New Journal of Chemistry</i> , 2018, 42, 10539-10547.	2.8	26
14	Modulating the physical properties of solid forms of urea using co-crystallization technology. <i>Chemical Communications</i> , 2018, 54, 4657-4660.	4.1	46
15	Supramolecular Chemistry of Some Metal Acetylacetonates with Auxiliary Pyridyl Sites. <i>Crystal Growth and Design</i> , 2018, 18, 6936-6945.	3.0	12
16	Structural Examination of Halogen-Bonded Co-Crystals of Tritopic Acceptors. <i>Molecules</i> , 2018, 23, 163.	3.8	7
17	Cocrystals and a Salt of the Bioactive Flavonoid: Naringenin. <i>Crystal Growth and Design</i> , 2018, 18, 4571-4577.	3.0	23
18	Evaluating Competing Intermolecular Interactions through Molecular Electrostatic Potentials and Hydrogen-Bond Propensities. <i>Crystal Growth and Design</i> , 2018, 18, 466-478.	3.0	36

#	ARTICLE	IF	CITATIONS
19	Using structural mimics for accessing and exploring structural landscapes of poorly soluble molecular solids. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 42-48.	1.1	3
20	Competition and selectivity in supramolecular synthesis: structural landscape around 1-(pyridylmethyl)-2,2'-bimidazoles. <i>Faraday Discussions</i> , 2017, 203, 371-388.	3.2	17
21	Exploring binding preferences in co-crystals of conformationally flexible multitopic ligands. <i>CrystEngComm</i> , 2017, 19, 4605-4614.	2.6	10
22	The Role of Halogen Bonding in Controlling Assembly and Organization of Cu(II)-Acac Based Coordination Complexes. <i>Crystals</i> , 2017, 7, 226.	2.2	25
23	Impact and importance of electrostatic potential calculations for predicting structural patterns of hydrogen and halogen bonding. <i>CrystEngComm</i> , 2016, 18, 8631-8636.	2.6	60
24	Design and Synthesis of Ternary Cocrystals Using Carboxyphenols and Two Complementary Acceptor Compounds. <i>Crystal Growth and Design</i> , 2016, 16, 59-69.	3.0	40
25	Novel co-crystals of the nutraceutical sinapic acid. <i>CrystEngComm</i> , 2015, 17, 4832-4841.	2.6	39
26	Investigating C-H...I Halogen Bonding for Cocrystallization with Primary Thioamides. <i>Crystal Growth and Design</i> , 2015, 15, 3442-3451.	3.0	27
27	Cocrystallization of Nutraceuticals. <i>Crystal Growth and Design</i> , 2015, 15, 984-1009.	3.0	87
28	Enantioselective copper catalysed C-H insertion reaction of 2-sulfonyl-2-diazoacetamides to form β -lactams. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7612-7628.	2.8	25
29	Synthesis of ketoximes via a solvent-assisted and robust mechanochemical pathway. <i>RSC Advances</i> , 2013, 3, 8168.	3.6	19
30	Structural Chemistry of Oximes. <i>Crystal Growth and Design</i> , 2013, 13, 2687-2695.	3.0	43
31	A versatile and green mechanochemical route for aldehyde to oxime conversions. <i>Chemical Communications</i> , 2012, 48, 11289.	4.1	49
32	Halogen bonding or close packing? Examining the structural landscape in a series of Cu(ii)-acac complexes. <i>Dalton Transactions</i> , 2011, 40, 12160.	3.3	24