

Ranjit Thakuria

List of Publications by Year in descending order

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51
papers

2,091
citations

279487

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233125

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all docs

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docs citations

54
times ranked

2317
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanochemistry as an emerging tool for the preparation of sustained release urea cocrystals as a nitrogen source. <i>CrystEngComm</i> , 2022, 24, 1679-1689.	1.3	13
2	Mechanochemical Synthesis of Polymorphic Urea-Adipic Acid Cocrystal as a Sustained-Release Nitrogen Source. <i>ChemSusChem</i> , 2022, 15, e202102445.	3.6	9
3	Crystal surface defects as possible origins of cocrystal dissociation. <i>CrystEngComm</i> , 2022, 24, 5031-5035.	1.3	2
4	Colorimetric detection of fluoride ions in aqueous medium using thiourea derivatives: a transition metal ion assisted approach. <i>Dalton Transactions</i> , 2021, 50, 15287-15295.	1.6	1
5	Mechanosynthesis of Eutectics of Anti-Inflammatory Drug Ethenzamide – A Comparison with Analogous Cocrystals. <i>Chemistry Methods</i> , 2021, 1, 408-414.	1.8	3
6	A readily accessible porous organic polymer facilitates high-yielding Knoevenagel condensation at room temperature both in water and under solvent-free mechanochemical conditions. <i>Catalysis Communications</i> , 2021, 154, 106304.	1.6	9
7	Mechanosynthesis, Characterization, and Physicochemical Property Investigation of a Favipiravir Cocrystal with Theophylline and GRAS Coformers. <i>Crystal Growth and Design</i> , 2021, 21, 4417-4425.	1.4	21
8	Soot-Based Reduced Graphene Quantum Dot/Hemin Conjugate for Favipiravir Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 13927-13937.	2.4	8
9	Mechanochemical synthesis of drug-drug and drug-nutraceutical multicomponent solids of olanzapine. <i>CrystEngComm</i> , 2020, 22, 1120-1130.	1.3	28
10	Stereoselective synthesis of 9-vinyl substituted unsymmetrical xanthenes and thioxanthenes. <i>Tetrahedron Letters</i> , 2020, 61, 152347.	0.7	5
11	Crystalline Multicomponent Solids: An Alternative for Addressing the Hygroscopicity Issue in Pharmaceutical Materials. <i>Crystal Growth and Design</i> , 2020, 20, 6245-6265.	1.4	45
12	l-Proline-catalyzed regioselective C1 arylation of tetrahydroisoquinolines through a multicomponent reaction under solvent-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6514-6518.	1.5	16
13	Effect of solvent polarity in mechanochemistry: preparation of a conglomerate vs. racemate. <i>Chemical Communications</i> , 2019, 55, 10900-10903.	2.2	20
14	In(OTf) ₃ catalyzed reductive etherification of 2-aryloxybenzaldehydes and 2-(arylthio)benzaldehydes. <i>Tetrahedron Letters</i> , 2019, 60, 150955.	0.7	6
15	Stimuli-responsive aggregation-induced fluorescence in a series of biphenyl-based Knoevenagel products: effects of substituent active methylene groups on π - π interactions. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 775-783.	0.5	6
16	Cocrystal Dissociation under Controlled Humidity: A Case Study of Caffeine-Glutaric Acid Cocrystal Polymorphs. <i>Organic Process Research and Development</i> , 2019, 23, 845-851.	1.3	34
17	The Nature and Applications of π - π Interactions: A Perspective. <i>Crystal Growth and Design</i> , 2019, 19, 523-528.	1.4	237
18	Mechanochemical Synthesis of Olanzapine Salts and Their Hydration Stability Study Using Powder X-ray Diffraction. <i>Crystal Growth and Design</i> , 2018, 18, 2138-2150.	1.4	27

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19	Efficient Access to Imidazo[1,2- <i>a</i>]pyridines/pyrazines/pyrimidines via Catalyst-Free Annulation Reaction under Microwave Irradiation in Green Solvent. <i>ACS Combinatorial Science</i> , 2018, 20, 164-171.	3.8	51
20	I2/TBHP/cyclohexanone a novel catalyst system for the oxidative dearomatization of indoles to indolin-3-ones at room temperature under solvent-free condition. <i>Catalysis Communications</i> , 2018, 106, 68-72.	1.6	17
21	Open Flask, Clean and Practical Protocol for Diastereoselective Syntheses of Oxindole Containing Phosphinoyl Compounds under Catalyst-Free and Solvent-Free Conditions. <i>ChemistrySelect</i> , 2018, 3, 3221-3224.	0.7	5
22	Preparation of Pyrazinamide Eutectics versus Cocrystals Based on Supramolecular Synthon Variations. <i>Crystal Growth and Design</i> , 2018, 18, 6640-6651.	1.4	24
23	A revisit to the multi-component reaction of indole, aldehyde, and N-substituted aniline catalyzed by PMA-SiO ₂ . <i>Monatshefte für Chemie</i> , 2018, 149, 2245-2252.	0.9	2
24	Drug-Drug and Drug-Nutraceutical Cocrystal/Salt as Alternative Medicine for Combination Therapy: A Crystal Engineering Approach. <i>Crystals</i> , 2018, 8, 101.	1.0	111
25	Iodine/tert-Butyl Hydroperoxide-Mediated Reaction of Indoles with Dimethylformamide/Dimethylacetamide to Synthesize Bis- and Tris(indolyl)methanes. <i>ChemistrySelect</i> , 2017, 2, 140-146.	0.7	32
26	Transition metal and base free coupling of N-tosylhydrazones with 1,3-dicarbonyl compound. <i>Tetrahedron Letters</i> , 2017, 58, 1132-1136.	0.7	11
27	Crystal structure landscape of ethenzamide: a physicochemical property study. <i>CrystEngComm</i> , 2017, 19, 826-833.	1.3	37
28	First-line antituberculosis drug, pyrazinamide, its pharmaceutically relevant cocrystals and a salt. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 1007-1016.	0.5	20
29	Single Crystal X-Ray Diffraction in Structure Elucidation of Arborinine from <i>Glycosmis pentaphylla</i> . <i>Natural Products Journal</i> , 2017, 7, .	0.1	0
30	Comparison of surface techniques for the discrimination of polymorphs. <i>CrystEngComm</i> , 2016, 18, 5296-5301.	1.3	12
31	Olanzapine Salts and Diversity in Molecular Packing. <i>Crystal Growth and Design</i> , 2016, 16, 1047-1055.	1.4	26
32	Coordination polymers of 5,5-dithiobis(2-nitrobenzoic acid): Synthesis, structure and topology. <i>Inorganica Chimica Acta</i> , 2015, 426, 55-63.	1.2	4
33	Pharmaceutical cocrystals and a nitrate salt of voriconazole. <i>CrystEngComm</i> , 2014, 16, 4722-4731.	1.3	31
34	Synthesis, structure, topology and magnetic properties of new coordination polymers based on 5-(Br)-substituted nicotinic acid. <i>CrystEngComm</i> , 2014, 16, 5244-5256.	1.3	25
35	Polymorphism and isostructurality in sulfonylhydrazones. <i>CrystEngComm</i> , 2014, 16, 4681-4690.	1.3	24
36	An Investigation of the Causes of Cocrystal Dissociation at High Humidity. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2859-2864.	1.6	67

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37	Solvent Dependent Formation of Metallogels and Single-Crystal MOFs by La(III) and Ce(III) Connectors and 3,5-Pyridinedicarboxylate. <i>Crystal Growth and Design</i> , 2014, 14, 2714-2719.	1.4	21
38	Use of In-Situ Atomic Force Microscopy to Follow Phase Changes at Crystal Surfaces in Real Time. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10541-10544.	7.2	40
39	Pharmaceutical cocrystals and poorly soluble drugs. <i>International Journal of Pharmaceutics</i> , 2013, 453, 101-125.	2.6	501
40	Olanzapinium Salts, Isostructural Solvates, and Their Physicochemical Properties. <i>Crystal Growth and Design</i> , 2013, 13, 3672-3680.	1.4	66
41	Blonanserin HCl salt and its monohydrate. <i>CrystEngComm</i> , 2012, 14, 2367-2372.	1.3	5
42	Crystal Structures of Pyrogallol, Its Hydrate, and Stable Multiple <i>Z</i> Cocrystals with N-Heterocycles Containing Metastable Conformers of Pyrogallol. <i>Crystal Growth and Design</i> , 2012, 12, 3944-3953.	1.4	38
43	Highly soluble olanzapinium maleate crystalline salts. <i>CrystEngComm</i> , 2011, 13, 1759.	1.3	70
44	Crystal structures of mirtazapine molecular salts. <i>CrystEngComm</i> , 2011, 13, 3232.	1.3	23
45	Polymorphic form IV of olanzapine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, o461-o463.	0.4	32
46	Conformational and Synthron Polymorphism in Furosemide (Lasix). <i>Crystal Growth and Design</i> , 2010, 10, 1979-1989.	1.4	125
47	Pyrazinamide Polymorphs: Relative Stability and Vibrational Spectroscopy. <i>Crystal Growth and Design</i> , 2010, 10, 3931-3941.	1.4	97
48	Supramolecular networks of a H-shaped aromatic phenolhost. <i>New Journal of Chemistry</i> , 2010, 34, 623-636.	1.4	22
49	Molecular networks. Design and serendipity. <i>CrystEngComm</i> , 2008, 10, 1735.	1.3	6
50	Silver(I) complexes of N-4-halophenyl-N ² -4-pyridyl ureas. Isostructurality, urea ⁻ nitrate hydrogen bonding, and Ag ⁺ halogen interaction. <i>CrystEngComm</i> , 2008, 10, 1891.	1.3	37
51	Guest Control in the Self-Assembly of H-Shaped Host to Cyclopentanoid (5, ₄ ³) Net. <i>Crystal Growth and Design</i> , 2008, 8, 1471-1473.	1.4	16