

Udaya B Rao Khandavilli

List of Publications by Year in descending order

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28
papers

848
citations

686830

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552369

26
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28
all docs

28
docs citations

28
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	New polymorphs of curcumin. <i>Chemical Communications</i> , 2011, 47, 5013.	2.2	242
2	Fast Dissolving Curcumin Cocrystals. <i>Crystal Growth and Design</i> , 2011, 11, 4135-4145.	1.4	189
3	Soluble Salts and Cocrystals of Clotrimazole. <i>Crystal Growth and Design</i> , 2015, 15, 2493-2504.	1.4	62
4	Design and Synthesis of Ternary Cocrystals Using Carboxyphenols and Two Complementary Acceptor Compounds. <i>Crystal Growth and Design</i> , 2016, 16, 59-69.	1.4	40
5	Novel co-crystals of the nutraceutical sinapic acid. <i>CrystEngComm</i> , 2015, 17, 4832-4841.	1.3	39
6	Plasticity in zwitterionic drugs: the bending properties of Pregabalin and Gabapentin and their hydrates. <i>IUCrJ</i> , 2019, 6, 630-634.	1.0	30
7	High solubility crystalline hydrates of Na and K furosemide salts. <i>CrystEngComm</i> , 2014, 16, 4842-4852.	1.3	28
8	Symmetry assisted tuning of bending and brittle multi-component forms of probenecid. <i>Chemical Communications</i> , 2017, 53, 3381-3384.	2.2	27
9	Cocrystals and a Salt of the Bioactive Flavonoid: Naringenin. <i>Crystal Growth and Design</i> , 2018, 18, 4571-4577.	1.4	23
10	Polymorphism, isostructurality and physicochemical properties of glibenclamide salts. <i>CrystEngComm</i> , 2017, 19, 918-929.	1.3	20
11	Temozolomide hydrochloride dihydrate. <i>CrystEngComm</i> , 2013, 15, 666-671.	1.3	17
12	Isoquinolinequinone <i>N</i> -oxides as anticancer agents effective against drug resistant cell lines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 557-568.	1.5	16
13	Exploring the Scope of Asymmetric Synthesis of β -Hydroxy- γ -lactams via Noyori-type Reductions. <i>Organic Letters</i> , 2016, 18, 4978-4981.	2.4	14
14	Desymmetrization by Asymmetric Copper-Catalyzed Intramolecular $C\text{-}H$ Insertion Reactions of β -Diazo- γ -oxosulfones. <i>Journal of Organic Chemistry</i> , 2019, 84, 7543-7563.	1.7	14
15	Regioselective Thermal [3+2]-Dipolar Cycloadditions of β -Diazoacetates with α -Sulfonyl/Sulfinyl/Sulfonyl- β -Chloroacrylamide Derivatives to Form Densely Functionalised Pyrazoles. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5368-5384.	1.2	13
16	Diversity in a simple co-crystal: racemic and kryptoracemic behaviour. <i>Chemical Communications</i> , 2016, 52, 8309-8312.	2.2	11
17	Plastically bendable pregabalin multi-component systems with improved tabletability and compressibility. <i>CrystEngComm</i> , 2020, 22, 412-415.	1.3	11
18	Organic Salts of Pharmaceutical Impurity p-Aminophenol. <i>Molecules</i> , 2020, 25, 1910.	1.7	10

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19	Intramolecular Direct Arylation of 1,3-Diketone-Derived Enol Ethers in a Synthesis of Tricyclic Oxoisochromene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1529-1534.	2.1	9
20	Hydrolase-mediated resolution of the hemiacetal in 2-chromanols: The impact of remote substitution. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 577-585.	1.8	8
21	Solution versus Crystal Hydration: The Case of $\hat{1}^3$ -Amino Acid Pregabalin. <i>Crystal Growth and Design</i> , 2019, 19, 4483-4488.	1.4	8
22	Exploring the Crystal Landscape of 3-Methyl-2-phenylbutyramide: Crystallization of Metastable Racemic Forms from the Stable Conglomerate. <i>Crystal Growth and Design</i> , 2018, 18, 3549-3557.	1.4	5
23	Synthesis of 1,2,5-oxathiazole- <i>S</i> -oxides by 1,3-dipolar cycloadditions of nitrile oxides to $\hat{1}\pm$ -oxo sulfines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 622-638.	1.5	4
24	Dirhodium Carboxylate Catalysts from 2-Fenchoxy or 2-Menthyloxy Arylacetic Acids: Enantioselective C $\hat{1}$ H Insertion, Aromatic Addition and Oxonium Ylide Formation/Rearrangement. <i>ChemCatChem</i> , 2021, 13, 4318-4324.	1.8	4
25	Tracking Cocrystallization of Active Pharmaceutical Ingredients with Benzoic Acid Coformer Using Broadband Acoustic Resonance Dissolution Spectroscopy (BARDS). <i>Crystal Growth and Design</i> , 2018, 18, 6528-6537.	1.4	3
26	Epimers with distinct mechanical behaviours. <i>CrystEngComm</i> , 2021, 23, 5848-5855.	1.3	1
27	Efficient S-Acylation of Thiourea. <i>SynOpen</i> , 2018, 02, 0263-0267.	0.8	0
28	Hurdles in exploring chirality in co-crystallization. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C1450-C1450.	0.0	0