Srinivasulu Aitipamula

List of Publications by Year
in descending order

64	2,917	186265 28	161849 54
papers	citations	h-index	g-index

67	67	67	2593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymorphism and distinct physicochemical properties of the phloretinâ€“nicotinamide cocrystal. CrystEngComm, 2022, 24, 560-570.	2.6	12
2	Insights into the structure-property relationship of pharmaceutical co-crystals: Charge density and quantum chemical approaches. Journal of Molecular Structure, 2021, 1224, 129270.	3.6	1
3	Cocrystal Formulations: Evaluation of the Impact of Excipients on Dissolution by Molecular Simulation and Experimental Approaches. Crystal Growth and Design, 2021, 21, 1006-1018.	3.0	10
4	Directing Selectivity to Aldehydes, Alcohols, or Esters with Diphobane Ligands in Pd-Catalyzed Alkene Carbonylations. Organometallics, 2021, 40, 1914-1925.	2.3	7
5	gem-Dialkyl Effect in Diphosphine Ligands: Synthesis, Coordination Behavior, and Application in Pd-Catalyzed Hydroformylation. ACS Catalysis, 2020, 10, 663-671.	11.2	9
6	Cocrystal formulations: A case study of topical formulations consisting of ferulic acid cocrystals. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 149, 95-104.	4.3	23
7	Cocrystals of Leflunomide: Design, Structural, and Physicochemical Evaluation. Crystal Growth and Design, 2019, 19, 3923-3933.	3.0	19
8	Agomelatineâ€“hydroquinone (1:1) cocrystal: novel polymorphs and their thermodynamic relationship. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 969-977.	1.1	3
9	Cocrystals of zonisamide: physicochemical characterization and sustained release solid forms. CrystEngComm, 2018, 20, 2923-2931.	2.6	24
10	Reply to the â€˜Comment on â€œTrimorphs of a pharmaceutical cocrystal involving two active pharmaceutical ingredients: potential relevance to combination drugsâ€• by S. Aitipamula, P. S. Chow and R. B. H. Tan, CrystEngComm, 2009, 11, 1823â€™. CrystEngComm, 2018, 20, 373-374.	2.6	0
11	Evaluating Suspension Formulations of Theophylline Cocrystals With Artificial Sweeteners. Journal of Pharmaceutical Sciences, 2018, 107, 604-611.	3.3	21
12	Novel solid forms of lonidamine: crystal structures and physicochemical properties. CrystEngComm, 2017, 19, 2925-2935.	2.6	11
13	X-Ray Crystallography and its Role in Understanding the Physicochemical Properties of Pharmaceutical Cocrystals. Journal of the Indian Institute of Science, 2017, 97, 227-243.	1.9	42
14	Design of Cocrystals for Molecules with Limited Hydrogen Bonding Functionalities: Propyphenazone as a Model System. Crystal Growth and Design, 2017, 17, 163-174.	3.0	35
15	1. Pharmaceutical co-crystals: crystal engineering and applications. , 2017, , 1-31.		1
16	Synergistic enhancement of tabletability and physicochemical properties through co-crystallization. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C59-C59.	0.1	0
17	Using charge density to understand structureâ€“property relationships in pharmaceutical co-crystals. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C799-C799.	0.1	0
18	Novel solid forms of oxaprozin: cocrystals and an extended release drugâ€“drug salt of salbutamol. RSC Advances, 2016, 6, 34110-34119.	3.6	28

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19	Novel pharmaceutical cocrystals of triflusal: crystal engineering and physicochemical characterization. CrystEngComm, 2015, 17, 9323-9335.	2.6	14
20	Palladium Complexes with Bulky Diphosphine Ligands as Highly Selective Catalysts for the Synthesis of (Bio-) Adipic Acid from Pentenoic Acid Mixtures.. Organometallics, 2015, 34, 4281-4292.	2.3	33
21	Polymorphism in Molecular Crystals and Cocrystals. , 2015, , 265-298.		2
22	Charge density studies on polymorphic co-crystals. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s415-s416.	0.1	0
23	Solvates of the antifungal drug griseofulvin: structural, thermochemical and conformational analysis. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 54-62.	1.1	12
24	Polymorphism in cocrystals: a review and assessment of its significance. CrystEngComm, 2014, 16, 3451.	2.6	242
25	Cocrystallization with flufenamic acid: comparison of physicochemical properties of two pharmaceutical cocrystals. CrystEngComm, 2014, 16, 5793.	2.6	60
26	Crystal Engineering of Tegafur Cocrystals: Structural Analysis and Physicochemical Properties. Crystal Growth and Design, 2014, 14, 6557-6569.	3.0	35
27	Pharmaceutical Salts of Haloperidol with Some Carboxylic Acids and Artificial Sweeteners: Hydrate Formation, Polymorphism, and Physicochemical Properties. Crystal Growth and Design, 2014, 14, 2542-2556.	3.0	43
28	Charge density studies on 1:1 co-crystals of ethenzamide and saccharin. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C964-C964.	0.1	0
29	Novel solid forms of the anti-tuberculosis drug, Isoniazid: ternary and polymorphic cocrystals. CrystEngComm, 2013, 15, 5877.	2.6	97
30	Polymorphism and phase transformations of a cocrystal of nicotinamide and pimelic acid. CrystEngComm, 2012, 14, 8193.	2.6	30
31	Pharmaceutical cocrystals of ethenzamide: structural, solubility and dissolution studies. CrystEngComm, 2012, 14, 8515.	2.6	71
32	The solvates of sulfamerazine: structural, thermochemical, and desolvation studies. CrystEngComm, 2012, 14, 691-699.	2.6	44
33	Cocrystal Hydrate of an Antifungal Drug, Griseofulvin, with Promising Physicochemical Properties. Crystal Growth and Design, 2012, 12, 5858-5863.	3.0	61
34	Polymorphs, Salts, and Cocrystals: Whatâ€™s in a Name?. Crystal Growth and Design, 2012, 12, 2147-2152.	3.0	767
35	Co-crystals of caffeine and piracetam with 4-hydroxybenzoic acid: Unravelling the hidden hydrates of 1â€‰:â€‰1 co-crystals. CrystEngComm, 2012, 14, 2381.	2.6	36
36	Correction for Polymorphs, Salts and Cocrystals: Whatâ€™s in a Name?. Crystal Growth and Design, 2012, 12, 4290-4291.	3.0	17

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37	Conformational Polymorphs of a Muscle Relaxant, Metaxalone. Crystal Growth and Design, 2011, 11, 4101-4109.	3.0	24
38	Solvates and polymorphic phase transformations of 2-chloro-4-nitrobenzoic acid. CrystEngComm, 2011, 13, 1037-1045.	2.6	38
39	Solvates and a monohydrate of N4-acetylsulfamerazine: Structural, thermochemical, and computational analysis. Journal of Molecular Structure, 2011, 1005, 134-140.	3.6	7
40	Structural, Spectroscopic and Thermal Analysis of Cocrystals of Carbamazepine and Piracetam with Hydroquinone. Journal of Chemical Crystallography, 2011, 41, 1604-1611.	1.1	11
41	Pyrimidin-2-amineâ€“1-phenylcyclopentane-1-carboxylic acid (1/1). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o552-o553.	0.2	2
42	N,N-Dimethylpyridin-4-aminium 1-phenylcyclopentane-1-carboxylate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1227-o1227.	0.2	0
43	Conformational Polymorphism of Tolbutamide: A Structural, Spectroscopic, and Thermodynamic Characterization of Burgerâ€™s Forms Iâ€“IV. Journal of Pharmaceutical Sciences, 2010, 99, 2975-2990.	3.3	62
44	2-Aminopyridinium 1-phenylcyclopropane-1-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3339-o3340.	0.2	2
45	Ethenzamideâ€“gentisic acidâ€“acetic acid (2/1/1). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1045-o1046.	0.2	10
46	Conformational and enantiotropic polymorphism of a 1â€‰:â€‰1 cocrystal involving ethenzamide and ethylmalonic acid. CrystEngComm, 2010, 12, 3691.	2.6	58
47	Polymorphs and Solvates of a Cocrystal Involving an Analgesic Drug, Ethenzamide, and 3,5-Dinitrobenzoic Acid. Crystal Growth and Design, 2010, 10, 2229-2238.	3.0	109
48	The amido-bridged zirconocene's reactivity and catalytic behavior for ethylenepolymerization. Dalton Transactions, 2010, 39, 807-814.	3.3	7
49	Theophyllineâ€“gentisic acid (1/1). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2126-o2127.	0.2	9
50	Trimorphs of a pharmaceutical cocrystal involving two active pharmaceutical ingredients: potential relevance to combination drugs. CrystEngComm, 2009, 11, 1823-1827.	2.6	134
51	Dimorphs of a 1â€‰:â€‰1 cocrystal of ethenzamide and saccharin: solid-state grinding methods result in metastable polymorph. CrystEngComm, 2009, 11, 889.	2.6	73
52	Microsphaerins Aâ€“D, four novel benzophenone dimers with activity against MRSA from the fungus Microsphaeropsis sp.. Tetrahedron, 2008, 64, 10181-10187.	1.9	24
53	Polymorphs and Polymorphic Cocrystals of Temozolomide. Chemistry - an Asian Journal, 2008, 3, 1122-1133.	3.3	78
54	Guest-Induced Supramolecular Isomerism in Inclusion Complexes of T-Shaped Host 4,4-Bis(4â€²-hydroxyphenyl)cyclohexanone. Chemistry - A European Journal, 2005, 11, 6727-6742.	3.3	90

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55	Engineering the weak Nâ€“Hâ‹¯Ï€ hydrogen bond in 4-tritylbenzamide host and controlling the interaction through guest selection. CrystEngComm, 2005, 7, 44-52.	2.6	32
56	Concomitant polymorphs of 2,2â€²,6,6â€²-tetramethyl-4,4â€²-terphenyldiol: the Î²-quinol network reproduced in a metastable polymorph. Chemical Communications, 2005, , 3159.	4.1	29
57	Thermochemical Analysis of Venlafaxine Hydrochloride Polymorphs1â€ 5â€. Crystal Growth and Design, 2005, 5, 2268-2276.	3.0	43
58	Hexagonal Host Framework of sym-Aryloxytriazines Stabilised by Weak Intermolecular Interactions. Molecular Crystals and Liquid Crystals, 2005, 440, 295-316.	0.9	17
59	Ladder and Hexagonal Hydrogen-bond Networks from a Self-complementary H-shaped Tecton. Supramolecular Chemistry, 2005, 17, 17-25.	1.2	14
60	Halogen Trimer-Mediated Hexagonal Host Framework of 2,4,6-Tris(4-halophenoxy)-1,3,5-triazine. Supramolecular Isomerism from Hexagonal Channel (X = Cl, Br) to Cage Structure (X = I). Crystal Growth and Design, 2005, 5, 887-899.	3.0	98
61	Hostâ€“guest and network structures of some tetraphenylmethane derivatives. CrystEngComm, 2004, 6, 120-125.	2.6	23
62	Hydrogen-bond networks in tris(4-hydroxyphenyl)methane and its 1:1 molecular complex with 4,4â€²-bipyridine. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o481-o484.	0.4	4
63	Multiple molecules in the crystallographic asymmetric unit. Self hostâ€“guest and doubly interpenetrated hydrogen bond networks in a pair of keto-bisphenols. CrystEngComm, 2003, 5, 447.	2.6	44
64	Topological Equivalences between Organic and Coordination Polymer Crystal Structures:â€‰ An Organic Ladder Formed with Three-Connected Molecular and Supramolecular Synthons. Organic Letters, 2002, 4, 921-924.	4.6	61