

Colin C Seaton

List of Publications by Year in descending order

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1314
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying Hot-Stage Microscopy to Co-Crystal Screening: A Study of Nicotinamide with Seven Active Pharmaceutical Ingredients. <i>Crystal Growth and Design</i> , 2008, 8, 1697-1712.	3.0	293
2	Making Benzamide Cocrystals with Benzoic Acids: The Influence of Chemical Structure.. <i>Crystal Growth and Design</i> , 2011, 11, 1502-1511.	3.0	60
3	Co-Crystallization in the Caffeine/Maleic Acid System: Lessons from Phase Equilibria. <i>Crystal Growth and Design</i> , 2010, 10, 268-273.	3.0	59
4	Are the Crystal Structures of Enantiopure and Racemic Mandelic Acids Determined by Kinetics or Thermodynamics?. <i>Journal of the American Chemical Society</i> , 2015, 137, 11095-11104.	13.7	57
5	Characterization of Complicated New Polymorphs of Chlorothalonil by X-ray Diffraction and Computer Crystal Structure Prediction. <i>Journal of the American Chemical Society</i> , 2004, 126, 7071-7081.	13.7	52
6	Solution-Mediated Polymorphic Transformation: Form II to Form III Piracetam in Organic Solvents. <i>Crystal Growth and Design</i> , 2014, 14, 3967-3974.	3.0	46
7	Investigation into the Mechanism of Solution-Mediated Transformation from FI to FIII Carbamazepine: The Role of Dissolution and the Interaction between Polymorph Surfaces. <i>Crystal Growth and Design</i> , 2013, 13, 1861-1871.	3.0	41
8	Solubility Metastable Zone Width Measurement and Crystal Growth of the 1:1 Benzoic Acid/Isonicotinamide Cocrystal in Solutions of Variable Stoichiometry. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3779-3786.	3.3	38
9	Investigation of the Solid-State Polymorphic Transformations of Piracetam. <i>Crystal Growth and Design</i> , 2012, 12, 6223-6233.	3.0	37
10	Designing Acid/Acid Co-Crystals through the Application of Hammett Substituent Constants. <i>Crystal Growth and Design</i> , 2010, 10, 726-733.	3.0	35
11	Designing Hydrogen Bonds with Temperature-Dependent Proton Disorder: The Effect of Crystal Environment. <i>Crystal Growth and Design</i> , 2007, 7, 531-534.	3.0	34
12	Creation of Ternary Multicomponent Crystals by Exploitation of Charge Transfer Interactions. <i>Chemistry - A European Journal</i> , 2013, 19, 10663-10671.	3.3	33
13	The Phase Behavior and Crystallization of 2-Chloromandelic Acid: The Crystal Structure of the Pure Enantiomer and the Behavior of Its Metastable Conglomerate. <i>Crystal Growth and Design</i> , 2011, 11, 1549-1556.	3.0	30
14	Creating carboxylic acid co-crystals: The application of Hammett substitution constants. <i>CrystEngComm</i> , 2011, 13, 6583.	2.6	27
15	Poly(acrylic acid) interpolymer complexes. <i>Soft Matter</i> , 2017, 13, 8736-8744.	2.7	25
16	Multi-component crystals of 4-phenylpyridine: challenging the boundaries between co-crystal and organic salt formation with insight into solid-state proton transfer. <i>CrystEngComm</i> , 2013, 15, 5250.	2.6	24
17	Continuous Manufacturing of Cocrystals Using Solid State Shear Milling Technology. <i>Crystal Growth and Design</i> , 2018, 18, 2297-2304.	3.0	23
18	Proton location in acid-pyridine hydrogen bonds of multi-component crystals. <i>CrystEngComm</i> , 2014, 16, 5878-5886.	2.6	22

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19	Solution mediated phase transformations between co-crystals. CrystEngComm, 2013, 15, 2044.	2.6	17
20	Investigation into solid and solution properties of quinizarin. CrystEngComm, 2015, 17, 3985-3997.	2.6	16
21	Nucleation in the <i>p</i> -Toluenesulfonamide/Triphenylphosphine Oxide Co-crystal System. Crystal Growth and Design, 2013, 13, 3754-3762.	3.0	15
22	Ordered Aggregation of Benzamide Crystals Induced Using a β -Motif Capper Additive. Crystal Growth and Design, 2005, 5, 467-471.	3.0	14
23	Creation of a ternary complex between a crown ether, 4-aminobenzoic acid and 3,5-dinitrobenzoic acid. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 132-140.	1.1	14
24	Building multi-component crystals from cations and co-crystals: the use of chaperones. CrystEngComm, 2013, 15, 2241-2250.	2.6	12
25	Intriguing High Z Cocrystals of Emtricitabine. Crystal Growth and Design, 2020, 20, 4886-4891.	3.0	12
26	Improving Stability of Effervescent Products by Co-Crystal Formation: A Novel Application of Crystal Engineered Citric Acid. Crystal Growth and Design, 2020, 20, 4839-4844.	3.0	11
27	Racemic compound versus conglomerate: concerning the crystal chemistry of the triazolketone, 1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-one. CrystEngComm, 2014, 16, 4377-4381.	2.6	9
28	Isostructurality of quinoxaline crystal phases: the interplay of weak hydrogen bonds and halogen bonding. CrystEngComm, 2021, 23, 7108-7117.	2.6	7
29	Indole-containing arene-ruthenium complexes with broad spectrum activity against antibiotic-resistant bacteria. Current Research in Microbial Sciences, 2022, 3, 100099.	2.3	6
30	<i>ortho</i> -Substituent effect on the crystal packing and solid state speciation of aromatic <i>C</i> -nitroso compounds. CrystEngComm, 2020, 22, 5040-5048.	2.6	4
31	Structural similarity in chiral-achiral multi-component crystals. CrystEngComm, 2020, 22, 7334-7340.	2.6	4
32	Artemisinin acetylenedicarboxylic acid cocrystal: screening, structure determination, and physicochemical property characterisation. CrystEngComm, 2022, 24, 1056-1067.	2.6	4
33	Construction of Ternary Phase Diagrams: Application of Quantitative NMR. Crystal Growth and Design, 0, , .	3.0	3
34	Structural motifs in salts of sulfathiazole: implications for design of salt forms in pharmaceuticals APIs. CrystEngComm, 2018, 20, 3428-3434.	2.6	2
35	Influence of Terminal Functionality on the Crystal Packing Behaviour and Cytotoxicity of Aromatic Oligoamides. Frontiers in Chemistry, 2021, 9, 709161.	3.6	1
36	Building Up Co-Crystals: Structural Motif Consistencies Across Families of Co-Crystals. Proceedings (mdpi), 2021, 78, 45.	0.2	0