

Colin C Seaton

List of Publications by Year in descending order

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430874

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1314
citing authors

#	ARTICLE	IF	CITATIONS
1	Indole-containing arene-ruthenium complexes with broad spectrum activity against antibiotic-resistant bacteria. <i>Current Research in Microbial Sciences</i> , 2022, 3, 100099.	2.3	6
2	Artemisininâ€“acetylenedicarboxylic acid cocrystal: screening, structure determination, and physicochemical property characterisation. <i>CrystEngComm</i> , 2022, 24, 1056-1067.	2.6	4
3	Isostructurality of quinoxaline crystal phases: the interplay of weak hydrogen bonds and halogen bonding. <i>CrystEngComm</i> , 2021, 23, 7108-7117.	2.6	7
4	Influence of Terminal Functionality on the Crystal Packing Behaviour and Cytotoxicity of Aromatic Oligoamides. <i>Frontiers in Chemistry</i> , 2021, 9, 709161.	3.6	1
5	Building Up Co-Crystals: Structural Motif Consistencies Across Families of Co-Crystals. <i>Proceedings (mdpi)</i> , 2021, 78, 45.	0.2	0
6	ortho-Substituent effect on the crystal packing and solid state speciation of aromatic C-nitroso compounds. <i>CrystEngComm</i> , 2020, 22, 5040-5048.	2.6	4
7	Improving Stability of Effervescent Products by Co-Crystal Formation: A Novel Application of Crystal Engineered Citric Acid. <i>Crystal Growth and Design</i> , 2020, 20, 4839-4844.	3.0	11
8	Intriguing High Z ³ Cocrystals of Emtricitabine. <i>Crystal Growth and Design</i> , 2020, 20, 4886-4891.	3.0	12
9	Structural similarity in chiral-achiral multi-component crystals. <i>CrystEngComm</i> , 2020, 22, 7334-7340.	2.6	4
10	Continuous Manufacturing of Cocrystals Using Solid State Shear Milling Technology. <i>Crystal Growth and Design</i> , 2018, 18, 2297-2304.	3.0	23
11	Structural motifs in salts of sulfathiazole: implications for design of salt forms in pharmaceuticals APIs. <i>CrystEngComm</i> , 2018, 20, 3428-3434.	2.6	2
12	Poly(acrylic acid) interpolymer complexes. <i>Soft Matter</i> , 2017, 13, 8736-8744.	2.7	25
13	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
14	Investigation into solid and solution properties of quinizarin. <i>CrystEngComm</i> , 2015, 17, 3985-3997.	2.6	16
15	Creation of a ternary complex between a crown ether, 4-aminobenzoic acid and 3,5-dinitrobenzoic acid. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 132-140.	1.1	14
16	Proton location in acidâ€“pyridine hydrogen bonds of multi-component crystals. <i>CrystEngComm</i> , 2014, 16, 5878-5886.	2.6	22
17	Racemic compound versus conglomerate: concerning the crystal chemistry of the triazolylketone, 1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-one. <i>CrystEngComm</i> , 2014, 16, 4377-4381.	2.6	9
18	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

#	ARTICLE	IF	CITATIONS
19	Solution mediated phase transformations between co-crystals. CrystEngComm, 2013, 15, 2044.	2.6	17
20	Building multi-component crystals from cations and co-crystals: the use of chaperones. CrystEngComm, 2013, 15, 2241-2250.	2.6	12
21	Investigation into the Mechanism of Solution-Mediated Transformation from FI to FIII Carbamazepine: The Role of Dissolution and the Interaction between Polymorph Surfaces. Crystal Growth and Design, 2013, 13, 1861-1871.	3.0	41
22	Multi-component crystals of 4-phenylpyridine: challenging the boundaries between co-crystal and organic salt formation with insight into solid-state proton transfer. CrystEngComm, 2013, 15, 5250.	2.6	24
23	Creation of Ternary Multicomponent Crystals by Exploitation of Charge-Transfer Interactions. Chemistry - A European Journal, 2013, 19, 10663-10671.	3.3	33
24	Nucleation in the <i>p</i> -Toluenesulfonamide/Triphenylphosphine Oxide Co-crystal System. Crystal Growth and Design, 2013, 13, 3754-3762.	3.0	15
25	Investigation of the Solid-State Polymorphic Transformations of Piracetam. Crystal Growth and Design, 2012, 12, 6223-6233.	3.0	37
26	The Phase Behavior and Crystallization of 2-Chloromandelic Acid: The Crystal Structure of the Pure Enantiomer and the Behavior of Its Metastable Conglomerate. Crystal Growth and Design, 2011, 11, 1549-1556.	3.0	30
27	Creating carboxylic acid co-crystals: The application of Hammett substitution constants. CrystEngComm, 2011, 13, 6583.	2.6	27
28	Making Benzamide Cocrystals with Benzoic Acids: The Influence of Chemical Structure.. Crystal Growth and Design, 2011, 11, 1502-1511.	3.0	60
29	Solubility Metastable Zone Width Measurement and Crystal Growth of the 1:1 Benzoic Acid/Isonicotinamide Cocrystal in Solutions of Variable Stoichiometry. Journal of Pharmaceutical Sciences, 2010, 99, 3779-3786.	3.3	38
30	Co-Crystallization in the Caffeine/Maleic Acid System: Lessons from Phase Equilibria. Crystal Growth and Design, 2010, 10, 268-273.	3.0	59
31	Designing Acid/Acid Co-Crystals through the Application of Hammett Substituent Constants. Crystal Growth and Design, 2010, 10, 726-733.	3.0	35
32	Applying Hot-Stage Microscopy to Co-Crystal Screening: A Study of Nicotinamide with Seven Active Pharmaceutical Ingredients. Crystal Growth and Design, 2008, 8, 1697-1712.	3.0	293
33	Designing Hydrogen Bonds with Temperature-Dependent Proton Disorder: The Effect of Crystal Environment. Crystal Growth and Design, 2007, 7, 531-534.	3.0	34
34	Ordered Aggregation of Benzamide Crystals Induced Using a Motif Capper-Additive. Crystal Growth and Design, 2005, 5, 467-471.	3.0	14
35	Characterization of Complicated New Polymorphs of Chlorothalonil by X-ray Diffraction and Computer Crystal Structure Prediction. Journal of the American Chemical Society, 2004, 126, 7071-7081.	13.7	52
36	Construction of Ternary Phase Diagrams: Application of Quantitative NMR. Crystal Growth and Design, 0, , .	3.0	3