

William Jones

List of Publications by Year in descending order

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171
papers

16,943
citations

16451

64
h-index

14759

127
g-index

181
all docs

181
docs citations

181
times ranked

10218
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanochemistry: opportunities for new and cleaner synthesis. <i>Chemical Society Reviews</i> , 2012, 41, 413-447.	38.1	2,281
2	Recent Advances in Understanding the Mechanism of Cocrystal Formation via Grinding. <i>Crystal Growth and Design</i> , 2009, 9, 1621-1637.	3.0	637
3	Pharmaceutical Cocrystallization: Engineering a Remedy for Caffeine Hydration. <i>Crystal Growth and Design</i> , 2005, 5, 1013-1021.	3.0	614
4	Pharmaceutical cocrystals and poorly soluble drugs. <i>International Journal of Pharmaceutics</i> , 2013, 453, 101-125.	5.2	501
5	Physical stability enhancement of theophylline via cocrystallization. <i>International Journal of Pharmaceutics</i> , 2006, 320, 114-123.	5.2	488
6	The role of solvent in mechanochemical and sonochemical cocrystal formation: a solubility-based approach for predicting cocrystallisation outcome. <i>CrystEngComm</i> , 2009, 11, 418-426.	2.6	479
7	A Cocrystal Strategy to Tune the Luminescent Properties of Stilbene-Type Organic Solid-State Materials. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12483-12486.	13.8	463
8	Improving Mechanical Properties of Crystalline Solids by Cocrystal Formation: New Compressible Forms of Paracetamol. <i>Advanced Materials</i> , 2009, 21, 3905-3909.	21.0	451
9	Mechanochemistry and co-crystal formation: effect of solvent on reaction kinetics Electronic supplementary information (ESI) available for PXRD profiles showing the grinding results for CTA + Bipy with and without solvent as well as CTA + 2fPh with different solvents. See http://www.rsc.org/suppdata/cc/b2/b207369m/ . <i>Chemical Communications</i> , 2002, , 2372-2373.	4.1	409
10	Solvent-drop grinding: green polymorph control of cocrystallisation Electronic supplementary information (ESI) available: additional powder XRD patterns. See http://www.rsc.org/suppdata/cc/b4/b400978a/ . <i>Chemical Communications</i> , 2004, , 890.	4.1	357
11	Screening for Inclusion Compounds and Systematic Construction of Three-Component Solids by Liquid-Assisted Grinding. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7546-7550.	13.8	339
12	New approach to the delamination of layered double hydroxides. <i>Journal of Materials Chemistry</i> , 2001, 11, 1321-1323.	6.7	314
13	Pharmaceutical Cocrystals: An Emerging Approach to Physical Property Enhancement. <i>MRS Bulletin</i> , 2006, 31, 875-879.	3.5	313
14	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
15	Screening for Pharmaceutical Cocrystal Hydrates via Neat and Liquid-Assisted Grinding. <i>Molecular Pharmaceutics</i> , 2007, 4, 347-354.	4.6	288
16	Terahertz time-domain spectroscopy and the quantitative monitoring of mechanochemical cocrystal formation. <i>Nature Materials</i> , 2007, 6, 206-209.	27.5	266
17	Crystal Engineering of Organic Cocrystals by the Solid-State Grinding Approach. <i>Topics in Current Chemistry</i> , 0, , 41-70.	4.0	262
18	Comparative Study of Some Layered Hydroxide Salts Containing Exchangeable Interlayer Anions. <i>Journal of Solid State Chemistry</i> , 1999, 148, 26-40.	2.9	255

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19	Isostructural Materials Achieved by Using Structurally Equivalent Donors and Acceptors in Halogen-Bonded Cocrystals. <i>Chemistry - A European Journal</i> , 2008, 14, 747-753.	3.3	236
20	The role of mechanochemistry and supramolecular design in the development of pharmaceutical materials. <i>CrystEngComm</i> , 2012, 14, 2350.	2.6	226
21	Control and interconversion of cocrystal stoichiometry in grinding: stepwise mechanism for the formation of a hydrogen-bonded cocrystal. <i>CrystEngComm</i> , 2009, 11, 470-481.	2.6	204
22	Benefits of cocrystallisation in pharmaceutical materials science: an update. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1547-1559.	2.4	200
23	Achieving Polymorphic and Stoichiometric Diversity in Cocrystal Formation: Importance of Solid-State Grinding, Powder X-ray Structure Determination, and Seeding. <i>Crystal Growth and Design</i> , 2005, 5, 2233-2241.	3.0	188
24	Cocrystal Formation through Mechanochemistry: from Neat and Liquid-Assisted Grinding to Polymer-Assisted Grinding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7371-7375.	13.8	187
25	A Stepwise Mechanism for the Mechanochemical Synthesis of Halogen-Bonded Cocrystal Architectures. <i>Journal of the American Chemical Society</i> , 2008, 130, 7524-7525.	13.7	184
26	Acidity and catalytic activity of the mesoporous aluminosilicate molecular sieve MCM-41. <i>Catalysis Letters</i> , 1996, 37, 113-120.	2.6	174
27	Selective polymorph transformation via solvent-drop grinding. <i>Chemical Communications</i> , 2005, , 880.	4.1	169
28	Synthesis and Properties of Terephthalate and Benzoate Intercalates of Mg ²⁺ /Al Layered Double Hydroxides Possessing Varying Layer Charge. <i>Chemistry of Materials</i> , 1996, 8, 1969-1977.	6.7	160
29	Screening for new pharmaceutical solid forms using mechanochemistry: A practical guide. <i>Advanced Drug Delivery Reviews</i> , 2017, 117, 147-161.	13.7	150
30	Real-Time In-Situ Powder X-ray Diffraction Monitoring of Mechanochemical Synthesis of Pharmaceutical Cocrystals. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11538-11541.	13.8	141
31	Screening for crystalline salts via mechanochemistry. <i>Chemical Communications</i> , 2006, , 51-53.	4.1	131
32	On the application of computer simulation techniques to anionic and cationic clays: A materials chemistry perspective. <i>Journal of Materials Chemistry</i> , 2006, 16, 708-723.	6.7	124
33	The curious case of (caffeine)·(benzoic acid): how heteronuclear seeding allowed the formation of an elusive cocrystal. <i>Chemical Science</i> , 2013, 4, 4417.	7.4	115
34	Knowledge-based hydrogen bond prediction and the synthesis of salts and cocrystals of the anti-malarial drug pyrimethamine with various drug and GRAS molecules. <i>CrystEngComm</i> , 2013, 15, 2916.	2.6	110
35	Interlayer Arrangement of Hydrated Mg/Al Layered Double Hydroxides Containing Guest Terephthalate Anions: A Comparison of Simulation and Measurement. <i>Journal of Physical Chemistry B</i> , 1998, 102, 6710-6719.	2.6	103
36	Cocrystal architecture and properties: design and building of chiral and racemic structures by solid-solid reactions. <i>Faraday Discussions</i> , 2007, 136, 167.	3.2	103

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37	Exploring cocrystalâ€œcocrystal reactivity via liquid-assisted grinding: the assembling of racemic and dismantling of enantiomeric cocrystals. <i>Chemical Communications</i> , 2006, , 5009-5011.	4.1	102
38	Mechanochemical Synthesis of Multicomponent Crystals: One Liquid for One Polymorph? A Myth to Dispel. <i>Crystal Growth and Design</i> , 2016, 16, 4582-4588.	3.0	101
39	Powder X-ray Diffraction as an Emerging Method to Structurally Characterize Organic Solids. <i>Organic Letters</i> , 2007, 9, 3133-3136.	4.6	100
40	Crystal engineering using coâ€œcrystallisation of phenazine with dicarboxylic acids. <i>Journal of Materials Chemistry</i> , 2000, 10, 839-848.	6.7	99
41	Testing the Sensitivity of Terahertz Spectroscopy to Changes in Molecular and Supramolecular Structure: A Study of Structurally Similar Cocrystals. <i>Crystal Growth and Design</i> , 2009, 9, 1452-1460.	3.0	99
42	Structural Equivalence of Br and I Halogen Bonds: A Route to Isostructural Materials with Controllable Properties. <i>Chemistry of Materials</i> , 2008, 20, 6623-6626.	6.7	95
43	An Assessment of Lattice Energy Minimization for the Prediction of Molecular Organic Crystal Structures. <i>Crystal Growth and Design</i> , 2004, 4, 1327-1340.	3.0	94
44	Introductory Lecture: Mechanochemistry, a versatile synthesis strategy for new materials. <i>Faraday Discussions</i> , 2014, 170, 9-34.	3.2	93
45	Towards Prediction of Stoichiometry in Crystalline Multicomponent Complexes. <i>Chemistry - A European Journal</i> , 2008, 14, 8830-8836.	3.3	92
46	Prediction and Observation of Isostructurality Induced by Solvent Incorporation in Multicomponent Crystals. <i>Journal of the American Chemical Society</i> , 2006, 128, 14466-14467.	13.7	91
47	Identification of supramolecular templates: design of solid-state photoreactivity using structural similarity. <i>Tetrahedron Letters</i> , 2003, 44, 3687-3689.	1.4	85
48	Experimental and database studies of three-centered halogen bonds with bifurcated acceptors present in molecular crystals, cocrystals and salts. <i>CrystEngComm</i> , 2011, 13, 3224.	2.6	85
49	Molecular Polarization Effects on the Relative Energies of the Real and Putative Crystal Structures of Valine. <i>Journal of Chemical Theory and Computation</i> , 2008, 4, 1795-1805.	5.3	82
50	Cocrystallization by Freeze-Drying: Preparation of Novel Multicomponent Crystal Forms. <i>Crystal Growth and Design</i> , 2013, 13, 4599-4606.	3.0	80
51	Investigating the latent polymorphism of maleic acid. <i>Chemical Communications</i> , 2006, , 54-56.	4.1	78
52	Predicting stoichiometry and structure of solvates. <i>Chemical Communications</i> , 2010, 46, 2224.	4.1	78
53	A cocrystallisation-based strategy to construct isostructural solids. <i>New Journal of Chemistry</i> , 2008, 32, 1776.	2.8	77
54	Polymer-Assisted Grinding, a Versatile Method for Polymorph Control of Cocrystallization. <i>Crystal Growth and Design</i> , 2016, 16, 1772-1779.	3.0	76

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55	New solid forms of artemisinin obtained through cocrystallisation. <i>CrystEngComm</i> , 2010, 12, 4038.	2.6	75
56	Ultrasound-Assisted Construction of Halogen-Bonded Nanosized Cocrystals That Exhibit Thermosensitive Luminescence. <i>Chemistry - A European Journal</i> , 2013, 19, 8213-8219.	3.3	75
57	Quantifying Homo- and Heteromolecular Hydrogen Bonds as a Guide for Adduct Formation. <i>Chemistry - A European Journal</i> , 2012, 18, 6835-6846.	3.3	73
58	Synthesis of the 3R2 polytype of a hydrotalcite-like mineral. <i>Journal of Materials Chemistry</i> , 2002, 12, 153-155.	6.7	72
59	Exploring the relationship between cocrystal stability and symmetry: is Wallach's rule applicable to multi-component solids?. <i>Chemical Communications</i> , 2008, , 1644.	4.1	70
60	Advantages of mechanochemical cocrystallisation in the solid-state chemistry of pigments: colour-tuned fluorescein cocrystals. <i>CrystEngComm</i> , 2013, 15, 6289.	2.6	67
61	Screening for polymorphs of cocrystals: a case study. <i>CrystEngComm</i> , 2013, 15, 175-181.	2.6	67
62	An Investigation of the Causes of Cocrystal Dissociation at High Humidity. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2859-2864.	3.3	67
63	Formation of Tubular Crystals of Pharmaceutical Compounds. <i>Crystal Growth and Design</i> , 2010, 10, 365-370.	3.0	66
64	Tuning Fluorescent Molecules by Inclusion in a Metal-Organic Framework: An Experimental and Computational Study. <i>ChemPlusChem</i> , 2012, 77, 1112-1118.	2.8	66
65	Synthesis, characterisation and anion exchange properties of copper, magnesium, zinc and nickel hydroxy nitrates. <i>Journal of Solid State Chemistry</i> , 2006, 179, 49-55.	2.9	64
66	Evidence for the formation of anhydrous zinc acetate and acetic anhydride during the thermal degradation of zinc hydroxy acetate, $Zn_5(OH)_8(CH_3CO_2)_2 \cdot 4H_2O$ to ZnO. <i>Solid State Sciences</i> , 2009, 11, 330-335.	3.2	64
67	The use of mixed crystals for engineering organic solid-state reactions: application to benzylbenzylidenecyclopentanones. <i>Journal of the American Chemical Society</i> , 1984, 106, 3606-3609.	13.7	63
68	A Three-Component Modular Strategy to Extend and Link Coordination Complexes by Using Halogen Bonds to O, S and I ⁻ Acceptors. <i>Chemistry - A European Journal</i> , 2010, 16, 7400-7403.	3.3	62
69	Polymorphs, hydrates and solvates of a co-crystal of caffeine with anthranilic acid. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 72-80.	1.1	62
70	Amide Pyramidalization in Carbamazepine: A Flexibility Problem in Crystal Structure Prediction?. <i>Crystal Growth and Design</i> , 2006, 6, 1858-1866.	3.0	60
71	Simulation of layered double hydroxide intercalates. <i>Advanced Materials</i> , 1997, 9, 496-500.	21.0	59
72	Modification of luminescent properties of a coumarin derivative by formation of multi-component crystals. <i>CrystEngComm</i> , 2012, 14, 5121.	2.6	59

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73	Supramolecular architectures of cyclohexane-1, 3cis, 5cis-tricarboxylic acid in acidâ€”base complexes. <i>New Journal of Chemistry</i> , 2003, 27, 365-371.	2.8	56
74	New opportunities in crystal engineering â€” the role of atomic force microscopy in studies of molecular crystals. <i>Chemical Communications</i> , 2012, 48, 9210.	4.1	55
75	Importance of Molecular Shape for the Overall Stability of Hydrogen Bond Motifs in the Crystal Structures of Various Carbamazepine-Type Drug Molecules. <i>Crystal Growth and Design</i> , 2007, 7, 100-107.	3.0	52
76	Transmission Electron Microscopy of Pharmaceutical Materials. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4072-4083.	3.3	51
77	Cocrystallisation of succinic and fumaric acids with lutidines: a systematic study. <i>CrystEngComm</i> , 2006, 8, 830.	2.6	50
78	On the predictability of supramolecular interactions in molecular cocrystals â€” the view from the bench. <i>CrystEngComm</i> , 2016, 18, 5434-5439.	2.6	47
79	Crystal Engineering and Chloro-Methyl Interchangeâ€”a CSD Analysis. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 356, 337-353.	0.3	46
80	Solid state grinding as a tool to aid enantiomeric resolution by cocrystallisation. <i>Chemical Communications</i> , 2012, 48, 11340.	4.1	46
81	Determination of the Crystal Structure of a New Polymorph of Theophylline. <i>Chemistry - A European Journal</i> , 2013, 19, 7883-7888.	3.3	46
82	Sonocrystallization Yields Monoclinic Paracetamol with Significantly Improved Compaction Behavior. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 249-253.	13.8	46
83	Space group selection for crystal structure prediction of solvates. <i>CrystEngComm</i> , 2007, 9, 556.	2.6	45
84	Organic microbelt array based on hydrogen-bond architecture showing polarized fluorescence and two-photon emission. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4138.	5.5	44
85	Cocrystal Dissociation in the Presence of Water: A General Approach for Identifying Stable Cocrystal Forms. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2865-2870.	3.3	42
86	Switching between halogen- and hydrogen-bonding in stoichiometric variations of a cocrystal of a phosphine oxide. <i>CrystEngComm</i> , 2012, 14, 6110.	2.6	41
87	Use of Inâ€”Situ Atomic Force Microscopy to Follow Phase Changes at Crystal Surfaces in Real Time. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10541-10544.	13.8	40
88	Restructuring of mesoporous silica: high quality large crystal MCMâ€”41 via a seeded recrystallisation route. <i>Journal of Materials Chemistry</i> , 2000, 10, 1139-1145.	6.7	37
89	Structure prediction, disorder and dynamics in a DMSO solvate of carbamazepine. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 12808.	2.8	36
90	Systematic Comparison of a Saponite Clay Pillared with Al and Zr Metal Oxides. <i>Chemistry of Materials</i> , 1997, 9, 2913-2920.	6.7	35

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91	A green chemistry approach to the synthesis of a crystalline organic inclusion compound. <i>Green Chemistry</i> , 2003, 5, 728.	9.0	35
92	A synchrotron radiation study of the hydrothermal synthesis of layered double hydroxides from MgO and Al ₂ O ₃ slurries. <i>Green Chemistry</i> , 2007, 9, 373.	9.0	35
93	Mechanochemical synthesis of pyrazine:dicarboxylic acid cocrystals and a study of dissociation by quantitative phase analysis. <i>CrystEngComm</i> , 2012, 14, 5203.	2.6	34
94	Polymorph Identification and Crystal Structure Determination by a Combined Crystal Structure Prediction and Transmission Electron Microscopy Approach. <i>Chemistry - A European Journal</i> , 2013, 19, 7874-7882.	3.3	34
95	Cocrystals of 5-fluorouracil. <i>CrystEngComm</i> , 2013, 15, 73-77.	2.6	34
96	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.	2.7	34
97	Synthon preferences in cocrystals of cis-carboxamides:carboxylic acids. <i>CrystEngComm</i> , 2012, 14, 2552.	2.6	33
98	Cocrystal dissociation and molecular demixing in the solid state. <i>Chemical Communications</i> , 2012, 48, 8075.	4.1	33
99	Efficient synthesis of ordered organo-layered double hydroxides. <i>Green Chemistry</i> , 2010, 12, 688.	9.0	31
100	Chlorophyll adsorption by alumina-pillared acid-activated clays. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1993, 70, 241-244.	1.9	30
101	Correlation of melting points of inositols with hydrogen bonding patterns. <i>CrystEngComm</i> , 2006, 8, 589.	2.6	30
102	Database guided conformation selection in crystal structure prediction of alanine. <i>CrystEngComm</i> , 2007, 9, 595.	2.6	30
103	Investigation of an Amide-Pseudo Amide Hydrogen Bonding Motif within a Series of Theophylline:Amide Cocrystals. <i>Crystal Growth and Design</i> , 2016, 16, 51-58.	3.0	30
104	Electron microscopic studies of extended defects in organic molecular crystals. Part 1. p-Terphenyl. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1975, 71, 138-145.	1.1	28
105	A one-pot synthesis of hybrid organo-layered double hydroxide catalyst precursors. <i>Green Chemistry</i> , 2006, 8, 1067.	9.0	28
106	Isostructural organic binary-host frameworks with tuneable and diversely decorated inclusion cavities. <i>CrystEngComm</i> , 2012, 14, 7898.	2.6	26
107	The Formation of Hydrogen-Bond Facilitated Salts with Tunable Optical Properties: An Experimental and Theoretical Study of 2,4,5-Triphenylimidazole. <i>Crystal Growth and Design</i> , 2013, 13, 333-340.	3.0	25
108	Mechanochemical reactivity inhibited, prohibited and reversed by liquid additives: examples from crystal-form screens. <i>Chemical Science</i> , 2021, 12, 3264-3269.	7.4	25

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109	Isostructurality in three-component crystals achieved by the combination of persistent hydrogen bonding motifs and solvent inclusion. <i>CrystEngComm</i> , 2013, 15, 1332.	2.6	24
110	Rationalization of the Color Properties of Fluorescein in the Solid State: A Combined Computational and Experimental Study. <i>Chemistry - A European Journal</i> , 2016, 22, 10065-10073.	3.3	24
111	Polymorphism of Scyllo-Inositol: Joining Crystal Structure Prediction with Experiment to Elucidate the Structures of Two Polymorphs. <i>Crystal Growth and Design</i> , 2006, 6, 2301-2307.	3.0	23
112	Photoactivity of Cinnamate-Intercalates of Layered Double Hydroxides. <i>Molecular Crystals and Liquid Crystals</i> , 1992, 211, 271-281.	0.3	21
113	An Ab Initio Approach to Crystal Structure Determination Using High-Resolution Powder Diffraction and Computational Chemistry Techniques: Application to 6,13-Dichlorotriphenyldioxazine. <i>Chemistry of Materials</i> , 1995, 7, 2322-2326.	6.7	21
114	Divalent complexes of 3-hydroxy-4-methyl-2(3H)-thiazolethione with Co ²⁺ and Zn ²⁺ : synthesis, X-ray crystal structures and the structure-directing influence of C-H...S interactions. Electronic supplementary information (ESI) available: lists of CSD refcodes retrieved from the database analyses and high-temperature PXRD profiles elucidating the solid-state structures of 3 and 4 following dehydration. See http://www.rsc.org/suppdata/dt/b1/b104203n/ . <i>Dalton Transactions RSC</i> , 2001, , 3045-3051.	2.3	21
115	Mechanochemical Formation of Racemic Praziquantel Hemihydrate with Improved Biopharmaceutical Properties. <i>Pharmaceutics</i> , 2020, 12, 289.	4.5	21
116	Hydrogen bonding preference of equatorial versus axial hydroxyl groups in pyran and cyclohexane rings in organic crystals. <i>CrystEngComm</i> , 2005, 7, 71.	2.6	19
117	Effect of Fluorination on Molecular Conformation in the Solid State: Tuning the Conformation of Cocrystal Formers. <i>Crystal Growth and Design</i> , 2011, 11, 972-981.	3.0	19
118	Layered Double Hydroxide Intercalate of Metal-Chelate Complex: a Novel Precursor for the Formation of a Mixed Metal Oxide. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 356, 459-468.	0.3	18
119	Highly Unusual Triangular Crystals of Theophylline: The Influence of Solvent on the Growth Rates of Polar Crystal Faces. <i>Crystal Growth and Design</i> , 2015, 15, 2514-2523.	3.0	18
120	Super-microporous aluminosilicate catalysts via primary amine templating. <i>Chemical Communications</i> , 2001, , 1016-1017.	4.1	17
121	Preparation and Characterisation of Li-Al-glycine Layered Double Hydroxides (LDHs)-Polymer Nanocomposites. <i>Macromolecular Symposia</i> , 2005, 222, 65-72.	0.7	16
122	A hydrogen bonded cocrystal with an unusual interweaving between the adjacent triple-helices. <i>CrystEngComm</i> , 2011, 13, 6315.	2.6	15
123	Crystallization at Solvent Interfaces Enables Access to a Variety of Cocrystal Polymorphs and Hydrates. <i>Crystal Growth and Design</i> , 2018, 18, 3263-3268.	3.0	15
124	Synthesis and Structural Characterisation of LDH-Organic Intercalates. <i>Molecular Crystals and Liquid Crystals</i> , 1994, 244, 155-160.	0.3	14
125	Crystalline adducts of the Lawsone molecule (2-hydroxy-1,4-naphthaquinone): optical properties and computational modelling. <i>CrystEngComm</i> , 2015, 17, 7684-7692.	2.6	14
126	On the kinetics of solvate formation through mechanochemistry. <i>CrystEngComm</i> , 2019, 21, 2097-2104.	2.6	14

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127	The principles of chemical conversion of organic molecules using sheet silicate intercalates. Proceedings of the Indian Academy of Sciences - Section A, 1983, 92, 27-41.	0.2	14
128	The Solid-State Structure of 3-Hydroxy-4-methyl-2(3 H)-thiazolethione: Prediction and Measurement. Tetrahedron, 2000, 56, 6617-6624.	1.9	13
129	Mechanochemical Formation and "Disappearance" of Caffeine "Citric-Acid Cocrystal Polymorphs. Crystal Growth and Design, 2020, 20, 1119-1129.	3.0	13
130	Solid-state photoreactivity of 9-substituted acridizinium bromide salts. CrystEngComm, 2014, 16, 10830-10836.	2.6	12
131	Comparison of surface techniques for the discrimination of polymorphs. CrystEngComm, 2016, 18, 5296-5301.	2.6	12
132	Effect of Intermediates on the Nature of Polyvanadate-Intercalated Layered Double Hydroxides. Molecular Crystals and Liquid Crystals, 1994, 244, 167-172.	0.3	11
133	Solid-state study of cyclic thiohydroxamic acids: 1-hydroxy-2(1H)-pyridinethione and 3-hydroxy-4-methyl-2(3H)-thiazolethione. Journal of Physical Organic Chemistry, 2000, 13, 395-404.	1.9	11
134	Cimetidine Disposition in Patients Undergoing Continuous Ambulatory Peritoneal Dialysis. Journal of Clinical Pharmacology, 1983, 23, 252-256.	2.0	10
135	Mechanochemical Synthesis and Physicochemical Characterization of Previously Unreported Praziquantel Solvates with 2-Pyrrolidone and Acetic Acid. Pharmaceutics, 2021, 13, 1606.	4.5	10
136	Electron beam decomposition of copper hydride and the generation of ultra-fine particles of copper. Journal of Materials Science Letters, 1989, 8, 1013-1015.	0.5	9
137	Time-Dependent Density-Functional Theory for Modeling Solid-State Fluorescence Emission of Organic Multicomponent Crystals. Journal of Physical Chemistry A, 2018, 122, 7514-7521.	2.5	9
138	Synthesis And Characterization Of Pillared Acid-Activated Montmorillonites. Materials Research Society Symposia Proceedings, 1991, 233, 81.	0.1	8
139	The crystal structure of an unstable polymorph of β -D-allose. CrystEngComm, 2004, 6, 535-539.	2.6	8
140	The application of focused microwave irradiation coupled with freeze drying to investigate the reaction of MgO and Al ₂ O ₃ slurries in the formation of layered double hydroxides. Green Chemistry, 2008, 10, 629.	9.0	8
141	Polymorphism and surface diversity arising from stress-induced transformations " the case of multicomponent forms of carbamazepine. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 54-67.	1.1	8
142	The Solid State Chemistry and Polymorphism of Aquomagnesium Hydrogen Phthalates. Molecular Crystals and Liquid Crystals, 1992, 211, 257-269.	0.3	7
143	Decoupling the Effects of Surface Chemistry and Humidity on Solid-State Hydrolysis of Aspirin in the Presence of Dicalcium Phosphate Dihydrate. Journal of Pharmaceutical Sciences, 2012, 101, 1496-1507.	3.3	7
144	Using crystallography, topology and graph set analysis for the description of the hydrogen bond network of triamterene: a rational approach to solid form selection. Chemistry Central Journal, 2017, 11, 63.	2.6	7

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145	Multicomponent Crystal Forms of a Biologically Active Hydrazone with Some Dicarboxylic Acids: Salts or Cocrystals?. <i>Crystal Growth and Design</i> , 2019, 19, 2663-2678.	3.0	6
146	The Solid State Chemistry and Polymorphism of Aquomagnesium Hydrogen Phthalates. <i>Molecular Crystals and Liquid Crystals</i> , 1992, 211, 233-255.	0.3	5
147	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 407-410.	1.4	5
148	Effect of Solution Composition on the Crystallization of Multicomponent Forms of Carbamazepine beyond Crystal Form and Shape: Surface as a Source of Diversity in the Solid-Form Landscape. <i>Crystal Growth and Design</i> , 2021, 21, 52-64.	3.0	5
149	Understanding stress-induced disorder and breakage in organic crystals: beyond crystal structure anisotropy. <i>Chemical Science</i> , 2021, 12, 14270-14280.	7.4	5
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