Jonas Nyman

List of Publications by Year
in descending order

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15 papers	1,326 citations	759233 12 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	1365 citing authors

#	Article	IF	Citations
1	Report on the sixth blind test of organic crystal structure prediction methods. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 439-459.	1.1	445
2	Static and lattice vibrational energy differences between polymorphs. CrystEngComm, 2015, 17, 5154-5165.	2.6	323
3	A Prolific Solvate Former, Galunisertib, under the Pressure of Crystal Structure Prediction, Produces Ten Diverse Polymorphs. Journal of the American Chemical Society, 2019, 141, 13887-13897.	13.7	109
4	Accurate force fields and methods for modelling organic molecular crystals at finite temperatures. Physical Chemistry Chemical Physics, 2016, 18, 15828-15837.	2.8	81
5	Modelling temperature-dependent properties of polymorphic organic molecular crystals. Physical Chemistry Chemical Physics, 2016, 18, 31132-31143.	2.8	81
6	Crystal structure prediction is changing from basic science to applied technology. Faraday Discussions, 2018, 211, 459-476.	3.2	58
7	Accuracy and reproducibility in crystal structure prediction: the curious case of ROY. CrystEngComm, 2019, 21, 2080-2088.	2.6	55
8	The Twelfth Solved Structure of ROY: Single Crystals of Y04 Grown from Melt Microdroplets. Crystal Growth and Design, 2020, 20, 7093-7097.	3.0	43
9	The PO13 crystal structure of ROY. CrystEngComm, 2019, 21, 1363-1368.	2.6	40
10	Inconvenient Truths about Solid Form Landscapes Revealed in the Polymorphs and Hydrates of Gandotinib. Crystal Growth and Design, 2019, 19, 2947-2962.	3.0	32
11	Systematic Finite-Temperature Reduction of Crystal Energy Landscapes. Crystal Growth and Design, 2020, 20, 6847-6862.	3.0	21
12	Clathrate Structure Determination by Combining Crystal Structure Prediction with Computational and Experimental ¹²⁹Xe NMR Spectroscopy. Chemistry - A European Journal, 2017, 23, 5258-5269.	3.3	18
13	Applications of crystal structure prediction â€“ organic molecular structures: general discussion. Faraday Discussions, 2018, 211, 493-539.	3.2	8
14	Crystal structure evaluation: calculating relative stabilities and other criteria: general discussion. Faraday Discussions, 2018, 211, 325-381.	3.2	7
15	Structure searching methods: general discussion. Faraday Discussions, 2018, 211, 133-180.	3.2	3