

Louise S Price

List of Publications by Year in descending order

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34
papers

2,563
citations

361413

20
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

2775
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	Atmospheric Pressure Chemical Vapor Deposition of Tin Sulfides (SnS, Sn ₂ S ₃ , and SnS ₂) on Glass. Chemistry of Materials, 1999, 11, 1792-1799.	6.7	377
3	Towards crystal structure prediction of complex organic compounds – a report on the fifth blind test. Acta Crystallographica Section B: Structural Science, 2011, 67, 535-551.	1.8	358
4	Modelling organic crystal structures using distributed multipole and polarizability-based model intermolecular potentials. Physical Chemistry Chemical Physics, 2010, 12, 8478.	2.8	268
5	A strategy for producing predicted polymorphs: catemeric carbamazepine form V. Chemical Communications, 2011, 47, 7074.	4.1	176
6	Exploring the Experimental and Computed Crystal Energy Landscape of Olanzapine. Crystal Growth and Design, 2013, 13, 1602-1617.	3.0	123
7	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
8	Deposition of tin sulfide thin films from novel, volatile (fluoroalkylthiolato)tin(IV) precursors. Journal of Materials Chemistry, 2001, 11, 469-473.	6.7	74
9	Synthesis and thermal decomposition studies of homo- and heteroleptic tin(IV) thiolates and dithiocarbamates: molecular precursors for tin sulfides. Dalton Transactions RSC, 2002, , 1085-1092.	2.3	71
10	Deposition of tin sulfide thin films from tin(IV) thiolate precursors. Journal of Materials Chemistry, 2001, 11, 464-468.	6.7	65
11	Evaluating a Crystal Energy Landscape in the Context of Industrial Polymorph Screening. Crystal Growth and Design, 2013, 13, 2396-2406.	3.0	58
12	Successful Computationally Directed Templating of Metastable Pharmaceutical Polymorphs. Crystal Growth and Design, 2018, 18, 5322-5331.	3.0	52
13	Atmospheric pressure chemical vapour deposition of tin(II) sulfide films on glass substrates from Bun ₃ SnO ₂ CCF ₃ with hydrogen sulfide. Journal of Materials Chemistry, 2000, 10, 527-530.	6.7	47
14	The observed and energetically feasible crystal structures of 5-substituted uracils. New Journal of Chemistry, 2008, 32, 1761.	2.8	39
15	A molecular picture of the problems in ensuring structural purity of tazofelone. Journal of Molecular Structure, 2014, 1078, 26-42.	3.6	37
16	Atmospheric Pressure CVD of SnS and SnS ₂ on Glass. Chemical Vapor Deposition, 1998, 04, 222-225.	1.3	35
17	Olanzapine Form IV: Discovery of a New Polymorphic Form Enabled by Computed Crystal Energy Landscapes. Crystal Growth and Design, 2019, 19, 2751-2757.	3.0	31
18	Visualising early-stage liquid phase organic crystal growth via liquid cell electron microscopy. Nanoscale, 2020, 12, 4636-4644.	5.6	29

#	ARTICLE	IF	CITATIONS
19	Polymorphism Arising from Differing Rates of Compression of Liquids. <i>Crystal Growth and Design</i> , 2014, 14, 3384-3391.	3.0	22
20	Systematic Finite-Temperature Reduction of Crystal Energy Landscapes. <i>Crystal Growth and Design</i> , 2020, 20, 6847-6862.	3.0	21
21	Serendipitous isolation of a disappearing conformational polymorph of succinic acid challenges computational polymorph prediction. <i>CrystEngComm</i> , 2018, 20, 3971-3977.	2.6	19
22	Structural distortions in homoleptic (RE)4A (E = O, S, Se; A = C, Si, Ge, Sn): implications for the CVD of tin sulfides. <i>Dalton Transactions RSC</i> , 2001, , 3435-3445.	2.3	16
23	The (Current) Acridine Solid Form Landscape: Eight Polymorphs and a Hydrate. <i>Crystal Growth and Design</i> , 2019, 19, 4884-4893.	3.0	16
24	Modelling Intermolecular Forces for Organic Crystal Structure Prediction. <i>Structure and Bonding</i> , 2005, , 81-123.	1.0	13
25	The solid state forms of the sex hormone 17- β -estradiol. <i>CrystEngComm</i> , 2019, 21, 2154-2163.	2.6	13
26	Calculation of Diamagnetic Susceptibility Tensors of Organic Crystals: From Coronene to Pharmaceutical Polymorphs. <i>Journal of Physical Chemistry A</i> , 2020, 124, 1409-1420.	2.5	8
27	Reducing crystal structure overprediction of ibuprofen with large scale molecular dynamics simulations. <i>CrystEngComm</i> , 2021, 23, 5575-5584.	2.6	8
28	Packing Preferences of Chalcones: A Model Conjugated Pharmaceutical Scaffold. <i>Crystal Growth and Design</i> , 2022, 22, 1801-1816.	3.0	6
29	DESIGNING PRECURSORS FOR THE DEPOSITION OF TIN SULPHIDE THIN FILMS. <i>Main Group Metal Chemistry</i> , 2001, 24, .	1.6	3
30	Polymorphism in 2-Chlorobenzamide: Run of the Mill or Not?. <i>Crystal Growth and Design</i> , 2016, 16, 6144-6147.	3.0	3
31	DFT studies on structures and stability of some keto-fructose analogues. <i>Computational and Theoretical Chemistry</i> , 2009, 904, 57-63.	1.5	2
32	Analysis of anomeric effects in some oxa diaza spiro decan derivatives by DFT molecular orbital calculations. <i>Computational and Theoretical Chemistry</i> , 2010, 947, 58-67.	1.5	2
33	The Crystal Structure of 5-aminouracil and the Ambiguity of Alternative Polymorphs #. <i>Israel Journal of Chemistry</i> , 2021, 61, 590.	2.3	1
34	Experimental and computational approaches towards solid-form screening of pharmaceuticals. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2013, 69, s519-s519.	0.3	0