

Jason L Potticary

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

325
citations

933447

10
h-index

839539

18
g-index

28
all docs

28
docs citations

28
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	An unforeseen polymorph of coronene by the application of magnetic fields during crystal growth. <i>Nature Communications</i> , 2016, 7, 11555.	12.8	68
2	Thermal Expansion of Carbamazepine: Systematic Crystallographic Measurements Challenge Quantum Chemical Calculations. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4319-4324.	4.6	50
3	The Crystal Structure of Orthocetamol Solved by 3D Electron Diffraction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10919-10922.	13.8	34
4	Crystallization from Volatile Deep Eutectic Solvents. <i>Crystal Growth and Design</i> , 2020, 20, 2877-2884.	3.0	24
5	A new olanzapine cocrystal obtained from volatile deep eutectic solvents and determined by 3D electron diffraction. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 1036-1044.	1.1	18
6	Structure determination, thermal stability and dissolution rate of \hat{I} -indomethacin. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121067.	5.2	15
7	On the Mechanism of Cuprate Crystal Growth: The Role of Mixed Metal Carbonates. <i>Advanced Functional Materials</i> , 2015, 25, 4700-4707.	14.9	12
8	The Crystal Structure of Orthocetamol Solved by 3D Electron Diffraction. <i>Angewandte Chemie</i> , 2019, 131, 11035-11038.	2.0	11
9	Metastable crystalline phase formation in deep eutectic systems revealed by simultaneous synchrotron XRD and DSC. <i>Chemical Communications</i> , 2020, 56, 10726-10729.	4.1	11
10	3D Electron Diffraction Structure Determination of Terrylene, a Promising Candidate for Intermolecular Singlet Fission. <i>ChemPhysChem</i> , 2021, 22, 1631-1637.	2.1	10
11	Color Differences Highlight Concomitant Polymorphism of Chalcones. <i>Crystal Growth and Design</i> , 2020, 20, 6346-6355.	3.0	9
12	Racemic Conglomerate Formation via Crystallization of Metaxalone from Volatile Deep Eutectic Solvents. <i>Crystal Growth and Design</i> , 2020, 20, 4731-4739.	3.0	9
13	Low temperature magneto-morphological characterisation of coronene and the resolution of previously observed unexplained phenomena. <i>Scientific Reports</i> , 2016, 6, 38696.	3.3	8
14	Organic Cocrystals of TCNQ and TCNB Based on an Orthocetamol Backbone Solved by Three-Dimensional Electron Diffraction. <i>Crystal Growth and Design</i> , 2022, 22, 1155-1163.	3.0	7
15	Visible light promoted photocatalytic water oxidation: effect of fluctuating light intensity upon reaction efficiency. <i>RSC Advances</i> , 2016, 6, 97363-97366.	3.6	5
16	The solubility and stability of heterocyclic chalcones compared with <i>trans</i> -chalcone. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 13-17.	1.1	5
17	Nanostructural origin of blue fluorescence in the mineral karpatite. <i>Scientific Reports</i> , 2017, 7, 9867.	3.3	4
18	Crystal Structure of a Peculiar Polycyclic Aromatic Hydrocarbon Determined by 3D Electron Diffraction. <i>Crystal Growth and Design</i> , 2021, 21, 6341-6348.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Polymorphism in crystals of bis(4-bromophenyl)fumaronitrile through vapour phase growth. <i>CrystEngComm</i> , 2017, 19, 7223-7228.	2.6	3
20	An experimental and computational study into the crystallisation propensity of 2nd generation sulflower. <i>Chemical Communications</i> , 2019, 55, 14586-14589.	4.1	3
21	Crystal structure and Hirshfeld surface analysis of (<i>E</i>)-3-(3-iodophenyl)-1-(4-iodophenyl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 72-76.	0.5	3
22	Crystal structures of three functionalized chalcones: 4-dimethylamino-3-nitrochalcone, 3-dimethylamino-3-nitrochalcone and 3-nitrochalcone. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1599-1604.	0.5	3
23	DONALD: A 2.5 T wide sample space permanent magnet. <i>HardwareX</i> , 2018, 3, 39-48.	2.2	2
24	Structural effects of halogen bonding in iodochalcones. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 347-356.	1.1	2
25	On the Application of Strong Magnetic Fields during Organic Crystal Growth. <i>Crystal Growth and Design</i> , 2021, 21, 6254-6265.	3.0	2
26	Lamotrigine ethanol monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 678-681.	0.5	1
27	Crystal structure and Hirshfeld analysis of 3-bromo-4-methylchalcone and 3-cyano-4-methylchalcone. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1496-1502.	0.5	1
28	Two New Organic Co-Crystals Based on Acetamidophenol Molecules. <i>Symmetry</i> , 2022, 14, 431.	2.2	1