Eric J Chan

List of Publications by Year
in descending order

19 papers	318 citations	1040056 9 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	502 citing authors

#	Article	IF	Citations
1	Insights into the Polymorphic Structures and Enantiotropic Layer-Slip Transition in Paracetamol Form III from Enhanced Molecular Dynamics. Crystal Growth and Design, 2021, 21, 886-896.	3.0	8
2	Disorderly Conduct of Benzamide IV: Crystallographic and Computational Analysis of High Entropy Polymorphs of Small Molecules. Crystal Growth and Design, 2020, 20, 2670-2682.	3.0	18
3	Review and Modeling of Crystal Growth of Atropisomers from Solutions. Processes, 2019, 7, 611.	2.8	4
4	Melt Crystallization for Paracetamol Polymorphism. Crystal Growth and Design, 2019, 19, 4070-4080.	3.0	64
5	Evaluation of General and Tailor Made Force Fields via X-ray Thermal Diffuse Scattering Using Molecular Dynamics and Monte Carlo Simulations of Crystalline Aspirin. Journal of Chemical Theory and Computation, 2018, 14, 2165-2179.	5.3	2
6	A model for supersaturation and aspect ratio for growth dominated crystallization from solution. AICHE Journal, 2015, 61, 4456-4469.	3.6	8
7	Use of Molecular Simulation in Calculating a Characteristic Relative Growth Effect Curvature to Correlate Factors Influencing Crystalline Growth and Other Properties. Crystal Growth and Design, 2015, 15, 5754-5766.	3.0	5
8	On the use of molecular dynamics simulation to calculate X-ray thermal diffuse scattering from molecular crystals. Journal of Applied Crystallography, 2015, 48, 1420-1428.	4.5	7
9	Hirshfeld surface analysis of crystal packing in aza-aromatic picrate salts. CrystEngComm, 2014, 16, 4508-4538.	2.6	29
10	The Question of cis versus trans Configuration in Octahedral Metal Diketonates: An In-Depth Investigation on Diorganobis(4-acyl-5-pyrazolonato)tin(IV) Complexes. European Journal of Inorganic Chemistry, 2012, 2012, 1369-1379.	2.0	12
11	Solid-State¹⁵N CPMAS NMR and Computational Analysis of Ligand Hapticity in Rhodium(Î·-diene) Poly(pyrazolyl)borate Complexes. Inorganic Chemistry, 2010, 49, 11205-11215.	4.0	19
12	Use of Monte Carlo simulation for the interpretation and analysis of diffuse scattering. Phase Transitions, 2010, 83, 80-98.	1.3	3
13	On the polymorphism of benzocaine; a low-temperature structural phase transition for form (II). Acta Crystallographica Section B: Structural Science, 2009, 65, 509-515.	1.8	27
14	Structural forms in complexes of 2,9-dimethyl-1,10-phenanthroline with simple salts of copper(I) and other univalent â€˜closed shellâ€™ species. Inorganica Chimica Acta, 2008, 361, 2365-2374.	2.4	11
15	Tris(ethanol-ÎºO)tris(picrato-Îº2O1,O2)lanthanum(III) tri-2-pyridylamine solvate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m984-m985.	0.2	0
16	The Crystal Structure of Methylphenylarsinic Acid: A Contaminant of Rice Plants and Groundwater. Chemistry Letters, 2007, 36, 160-161.	1.3	3
17	Areneruthenium(II) 4-Acyl-5-pyrazolonate Derivatives:â€‰ Coordination Chemistry, Redox Properties, and Reactivity. Inorganic Chemistry, 2007, 46, 8245-8257.	4.0	56
18	Cation solvation in the solid state â€“ temperature-dependent crystal structures in some metal perchlorates solvated by dimethylsulfoxide. Inorganica Chimica Acta, 2004, 357, 2365-2373.	2.4	42

#	Article	IF	Citations
19	Crystal Structure Prediction as a Tool for Identifying Components of Disordered Structures from Powder Diffraction: A Case Study of Benzamide II. Crystal Growth and Design, 0, , .	3.0	0