

Keke Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation, Stabilization, and Dissolution Enhancement of Vortioxetine Hydrobromide Metastable Polymorphs in Silica Nanopores. <i>Crystal Growth and Design</i> , 2022, 22, 191-199.	1.4	6
2	Bendable and Twistable Crystals of Flufenamic Acid Form III with Bending Mechanofluorochromism Behavior. <i>Crystal Growth and Design</i> , 2022, 22, 1312-1318.	1.4	17
3	Green Mechanochemical Strategy for the Construction of a New Bio-based Nylon 5₂T Ternary Salt. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3513-3520.	3.2	4
4	Mechanical Motion and Modulation of Thermal Actuation Properties in a Robust Organic Molecular Crystal Actuator. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	16
5	Structural Origins of Elastic and 2D Plastic Flexibility of Molecular Crystals Investigated with Two Polymorphs of Conformationally Rigid Coumarin. <i>Chemistry of Materials</i> , 2021, 33, 1053-1060.	3.2	50
6	Influence of Adsorption State and Molecular Interaction on Physical Stability of Confined Amorphous Vortioxetine. <i>Molecular Pharmaceutics</i> , 2021, 18, 2754-2763.	2.3	2
7	Polymorphic Phase Transformation Pathways under Nanoconfinement: Flufenamic Acid. <i>Crystal Growth and Design</i> , 2020, 20, 7098-7103.	1.4	12
8	Green Mechanochemical Strategy for the Discovery and Selective Preparation of Polymorphs of Active Pharmaceutical Ingredient $\hat{1}^3$ -Aminobutyric Acid (GABA). <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16781-16790.	3.2	14
9	Effects of Temperature and Solvent Properties on the Liquid-Solid Phase Equilibrium of $\hat{1}^3$ -Pyrazinamide. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 3667-3678.	1.0	17
10	Discovery of new polymorphs of the tuberculosis drug isoniazid. <i>CrystEngComm</i> , 2020, 22, 2705-2708.	1.3	26
11	Revealing the critical role of template functional group ordering in the template-directed crystallization of pyrazinamide. <i>CrystEngComm</i> , 2019, 21, 6382-6389.	1.3	6
12	Effect of Mixing on the Particle Size Distribution of Paracetamol Continuous Cooling Crystallization Products Using a Computational Fluid Dynamics Population Balance Equation Simulation. <i>Crystal Growth and Design</i> , 2018, 18, 2851-2863.	1.4	16
13	Novel Strategy to Control Polymorph Nucleation of Gamma Pyrazinamide by Preferred Intermolecular Interactions during Heterogeneous Nucleation. <i>Crystal Growth and Design</i> , 2018, 18, 4874-4879.	1.4	22
14	Thermodynamic study of solubility for pyrazinamide in ten solvents from T = (283.15 to 323.15) K. <i>Journal of Chemical Thermodynamics</i> , 2017, 112, 204-212.	1.0	34
15	Measurement and correlation of solubility of boscalid with thermodynamic analysis in pure and binary solvents from 288.15 K to 313.15 K. <i>Journal of Chemical Thermodynamics</i> , 2017, 112, 178-187.	1.0	24
16	Solvates and polymorphs of clindamycin phosphate: Structural, thermal stability and moisture stability studies. <i>Frontiers of Chemical Science and Engineering</i> , 2017, 11, 220-230.	2.3	8
17	Nucleation behavior of eszopiclone-butyl acetate solutions from metastable zone widths. <i>Chemical Engineering Science</i> , 2016, 155, 248-257.	1.9	53