

Michael SvÄrd

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5576874/publications.pdf>

Version: 2024-02-01

43
papers

915
citations

361413

20
h-index

477307

29
g-index

43
all docs

43
docs citations

43
times ranked

897
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamics and Nucleation Kinetics of m-Aminobenzoic Acid Polymorphs. <i>Crystal Growth and Design</i> , 2010, 10, 195-204.	3.0	58
2	Influence of Solvent and Solid-State Structure on Nucleation of Parabens. <i>Crystal Growth and Design</i> , 2014, 14, 3890-3902.	3.0	54
3	DTPA-Functionalized Silica Nano- and Microparticles for Adsorption and Chromatographic Separation of Rare Earth Elements. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6889-6900.	6.7	49
4	Influence of Agitation and Fluid Shear on Nucleation of <i>m</i> -Hydroxybenzoic Acid Polymorphs. <i>Crystal Growth and Design</i> , 2014, 14, 5521-5531.	3.0	44
5	Thermodynamics and nucleation of the enantiotropic compound p-aminobenzoic acid. <i>CrystEngComm</i> , 2013, 15, 5020.	2.6	40
6	Solubility and Crystal Nucleation in Organic Solvents of Two Polymorphs of Curcumin. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2183-2189.	3.3	39
7	Oiling out or molten hydrate "liquid" liquid phase separation in the system vanillin "water. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 2390-2398.	3.3	38
8	Thermodynamics of fenofibrate and solubility in pure organic solvents. <i>Fluid Phase Equilibria</i> , 2014, 367, 143-150.	2.5	36
9	<i>m</i> -Hydroxybenzoic Acid: Quantifying Thermodynamic Stability and Influence of Solvent on the Nucleation of a Polymorphic System. <i>Crystal Growth and Design</i> , 2013, 13, 1140-1152.	3.0	35
10	Influence of Agitation on Primary Nucleation in Stirred Tank Crystallizers. <i>Crystal Growth and Design</i> , 2015, 15, 4177-4184.	3.0	35
11	Primary nucleation of salicylamide: the influence of process conditions and solvent on the metastable zone width. <i>CrystEngComm</i> , 2013, 15, 7285.	2.6	31
12	Investigation of solid "liquid phase diagrams of the sulfamethazine "salicylic acid co-crystal. <i>CrystEngComm</i> , 2019, 21, 2863-2874.	2.6	31
13	Influence of Solution Thermal and Structural History on the Nucleation of <i>m</i> -Hydroxybenzoic Acid Polymorphs. <i>Crystal Growth and Design</i> , 2012, 12, 4340-4348.	3.0	30
14	Prediction of the Solubility of Medium-Sized Pharmaceutical Compounds Using a Temperature-Dependent NRTL-SAC Model. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 11150-11159.	3.7	27
15	Thermodynamics of risperidone and solubility in pure organic solvents. <i>Fluid Phase Equilibria</i> , 2014, 375, 73-79.	2.5	26
16	(Solid+liquid) solubility of organic compounds in organic solvents " Correlation and extrapolation. <i>Journal of Chemical Thermodynamics</i> , 2014, 76, 124-133.	2.0	26
17	Force Fields and Point Charges for Crystal Structure Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 2899-2912.	3.7	24
18	Thermodynamic Stability Analysis of Tolbutamide Polymorphs and Solubility in Organic Solvents. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1901-1906.	3.3	23

#	ARTICLE	IF	CITATIONS
19	Crystal Growth of Salicylic Acid in Organic Solvents. <i>Crystal Growth and Design</i> , 2017, 17, 2964-2974.	3.0	22
20	Precipitation and Crystallization Used in the Production of Metal Salts for Li-Ion Battery Materials: A Review. <i>Metals</i> , 2020, 10, 1609.	2.3	22
21	Improving Estimates of the Crystallization Driving Force: Investigation into the Dependence on Temperature and Composition of Activity Coefficients in Solution. <i>Crystal Growth and Design</i> , 2016, 16, 6951-6960.	3.0	18
22	Thermodynamics of fenoxycarb in solution. <i>Journal of Chemical Thermodynamics</i> , 2013, 66, 50-58.	2.0	17
23	Crystal Growth of Salicylamide in Organic Solvents. <i>Crystal Growth and Design</i> , 2018, 18, 7305-7315.	3.0	17
24	Solubility and thermodynamic analysis of ketoprofen in organic solvents. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119686.	5.2	17
25	Calorimetric Determination of Cocrystal Thermodynamic Stability: Sulfamethazineâ€“Salicylic Acid Case Study. <i>Crystal Growth and Design</i> , 2020, 20, 4243-4251.	3.0	17
26	Investigation into solid and solution properties of quinizarin. <i>CrystEngComm</i> , 2015, 17, 3985-3997.	2.6	16
27	Solute clustering in undersaturated solutions â€“ systematic dependence on time, temperature and concentration. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15550-15559.	2.8	15
28	Phase equilibria of ammonium scandium fluoride phases in aqueous alcohol mixtures for metal recovery by anti-solvent crystallization. <i>Separation and Purification Technology</i> , 2020, 252, 117449.	7.9	13
29	Calorimetric Properties and Solubility in Five Pure Organic Solvents of <i>N</i> -Methyl- <i>D</i> -Glucamine (Meglumine). <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 1199-1204.	1.9	11
30	Crystal nucleation of salicylamide and a comparison with salicylic acid. <i>CrystEngComm</i> , 2020, 22, 3329-3339.	2.6	11
31	Thermodynamics of the Enantiotropic Pharmaceutical Compound Benzocaine and Solubility in Pure Organic Solvents. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 3370-3377.	3.3	10
32	Solution and calorimetric thermodynamic study of a new 1:1 sulfamethazineâ€“3-methylsalicylic acid co-crystal. <i>CrystEngComm</i> , 2020, 22, 3463-3473.	2.6	10
33	Impact of process parameters on product size and morphology in hydrometallurgical antisolvent crystallization. <i>CrystEngComm</i> , 2022, 24, 2851-2866.	2.6	9
34	Solid and Solution State Thermodynamics of Polymorphs of Butamben (Butyl 4-Aminobenzoate) in Pure Organic Solvents. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2377-2382.	3.3	7
35	Solubility and thermodynamic analysis of famotidine polymorphs in pure solvents. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121031.	5.2	7
36	Characterization and Crystal Nucleation Kinetics of a New Metastable Polymorph of Piracetam in Alcoholic Solvents. <i>Crystal Growth and Design</i> , 2022, 22, 2964-2973.	3.0	7

#	ARTICLE	IF	CITATIONS
37	Analysis of the structure and morphology of fenoxycarb crystals. Journal of Molecular Graphics and Modelling, 2014, 53, 92-99.	2.4	6
38	Mesoscale clusters of organic solutes in solution and their role in crystal nucleation. CrystEngComm, 2022, 24, 5182-5193.	2.6	6
39	Solubility of Two Polymorphs of Tolbutamide in n-Propanol: Comparison of Methods. Journal of Pharmaceutical Sciences, 2020, 109, 3021-3026.	3.3	5
40	Rationalising crystal nucleation of organic molecules in solution using artificial neural networks. CrystEngComm, 2019, 21, 449-461.	2.6	3
41	Synthesis, crystallisation and thermodynamics of two polymorphs of a new derivative of meglumine: 1-(2,2,3-trimethyl-1,3-oxazolidin-5-yl)-butane-1,2,3,4-tetrol. CrystEngComm, 2018, 20, 88-95.	2.6	2
42	Structural and energetic aspects of the differences between real and predicted polymorphs. Crystal Research and Technology, 2010, 45, 867-878.	1.3	1
43	4-Aminophenylacetic acid. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1536-o1537.	0.2	0