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List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

598
citations

567144

15
h-index

610775

24
g-index

31
all docs

31
docs citations

31
times ranked

592
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Deep Eutectic Solvents as Agents for Improving Solubility, Stability and Delivery of Curcumin. <i>Pharmaceutical Research</i> , 2019, 36, 116.	1.7	122
2	Distinguishing Cocrystals from Simple Eutectic Mixtures: Phenolic Acids as Potential Pharmaceutical Cofomers. <i>Crystal Growth and Design</i> , 2018, 18, 3524-3534.	1.4	34
3	Formation of chlorinated breakdown products during degradation of sunscreen agent, 2-ethylhexyl-4-methoxycinnamate in the presence of sodium hypochlorite. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1886-1897.	2.7	30
4	Selection of effective cocrystals former for dissolution rate improvement of active pharmaceutical ingredients based on lipoaffinity index. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 107, 87-96.	1.9	30
5	Applicability of Phenolic Acids as Effective Enhancers of Cocrystal Solubility of Methylxanthines. <i>Crystal Growth and Design</i> , 2017, 17, 2186-2193.	1.4	29
6	Color prediction from first principle quantum chemistry computations: a case of alizarin dissolved in methanol. <i>New Journal of Chemistry</i> , 2012, 36, 1836.	1.4	26
7	Application of Multivariate Adaptive Regression Splines (MARSplines) Methodology for Screening of Dicarboxylic Acid Cocrystal Using 1D and 2D Molecular Descriptors. <i>Crystal Growth and Design</i> , 2019, 19, 3876-3887.	1.4	26
8	Solubility advantage of sulfanilamide and sulfacetamide in natural deep eutectic systems: experimental and theoretical investigations. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1120-1129.	0.9	24
9	Experimental and theoretical studies on the photodegradation of 2-ethylhexyl 4-methoxycinnamate in the presence of reactive oxygen and chlorine species. <i>Open Chemistry</i> , 2014, 12, 612-623.	1.0	20
10	Propensity of salicylamide and ethenzamide cocrystallization with aromatic carboxylic acids. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 85, 132-140.	1.9	20
11	Exploring the cocrystallization potential of urea and benzamide. <i>Journal of Molecular Modeling</i> , 2016, 22, 103.	0.8	19
12	Solubility of sulfanilamide in binary solvents containing water: Measurements and prediction using Buchowski-Ksiazczak solubility model. <i>Journal of Molecular Liquids</i> , 2020, 319, 114342.	2.3	19
13	Solvent Screening for Solubility Enhancement of Theophylline in Neat, Binary and Ternary NADES Solvents: New Measurements and Ensemble Machine Learning. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7347.	1.8	19
14	On the origin of surface imposed anisotropic growth of salicylic and acetylsalicylic acids crystals during droplet evaporation. <i>Journal of Molecular Modeling</i> , 2015, 21, 49.	0.8	18
15	Utilization of oriented crystal growth for screening of aromatic carboxylic acids cocrystallization with urea. <i>Journal of Crystal Growth</i> , 2016, 433, 128-138.	0.7	16
16	Thermodynamics and Intermolecular Interactions of Nicotinamide in Neat and Binary Solutions: Experimental Measurements and COSMO-RS Concentration Dependent Reactions Investigations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7365.	1.8	15
17	On the origin of surfaces-dependent growth of benzoic acid crystal inferred through the droplet evaporation method. <i>Structural Chemistry</i> , 2015, 26, 705-712.	1.0	14
18	Experimental and Theoretical Screening for Green Solvents Improving Sulfamethizole Solubility. <i>Materials</i> , 2021, 14, 5915.	1.3	13

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19	Albumin-Hyaluronan Interactions: Influence of Ionic Composition Probed by Molecular Dynamics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12360.	1.8	12
20	Thermodynamic Characteristics of Phenacetin in Solid State and Saturated Solutions in Several Neat and Binary Solvents. <i>Molecules</i> , 2021, 26, 4078.	1.7	11
21	Reaction of aniline with ammonium persulphate and concentrated hydrochloric acid: Experimental and DFT studies. <i>Chemical Papers</i> , 2012, 66, .	1.0	10
22	Studies on the formation of formaldehyde during 2-ethylhexyl 4-(dimethylamino)benzoate demethylation in the presence of reactive oxygen and chlorine species. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8049-8061.	2.7	10
23	Application of Multivariate Adaptive Regression Splines (MARSplines) for Predicting Hansen Solubility Parameters Based on 1D and 2D Molecular Descriptors Computed from SMILES String. <i>Journal of Chemistry</i> , 2019, 2019, 1-15.	0.9	10
24	Experimental and theoretical solubility advantage screening of bi-component solid curcumin formulations. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 50, 125-135.	1.4	9
25	Studies on the solid-liquid equilibria and intermolecular interactions Urea binary mixtures with Sulfanilamide and Sulfacetamide. <i>Journal of Chemical Thermodynamics</i> , 2021, 153, 106308.	1.0	8
26	Application 2D Descriptors and Artificial Neural Networks for Beta-Glucosidase Inhibitors Screening. <i>Molecules</i> , 2020, 25, 5942.	1.7	7
27	Effect of Chitosan Deacetylation on Its Affinity to Type III Collagen: A Molecular Dynamics Study. <i>Materials</i> , 2022, 15, 463.	1.3	7
28	New Screening Protocol for Effective Green Solvents Selection of Benzamide, Salicylamide and Ethenzamide. <i>Molecules</i> , 2022, 27, 3323.	1.7	7
29	Predicting Value of Binding Constants of Organic Ligands to Beta-Cyclodextrin: Application of MARSplines and Descriptors Encoded in SMILES String. <i>Symmetry</i> , 2019, 11, 922.	1.1	5
30	Experimental and theoretical studies on the Sulfamethazine-Urea and Sulfamethizole-Urea solid-liquid equilibria. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102186.	1.4	5
31	The use of fast molecular descriptors and artificial neural networks approach in organochlorine compounds electron ionization mass spectra classification. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28188-28201.	2.7	3