

Jacek Zeglinski

List of Publications by Year in descending order

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papers

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430874

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times ranked

1114
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of structurally related impurities on the crystal growth of curcumin spherulites. CrystEngComm, 2022, 24, 5156-5169.	2.6	2
2	Determination of co-crystal phase purity by mid infrared spectroscopy and multiple curve resolution. International Journal of Pharmaceutics, 2021, 595, 120246.	5.2	1
3	Influence of solvent on crystal nucleation of benzocaine. CrystEngComm, 2020, 22, 8330-8342.	2.6	4
4	Probing Crystal Nucleation of Fenoxycarb from Solution through the Effect of Solvent. Crystal Growth and Design, 2019, 19, 2037-2049.	3.0	27
5	Face indexing and shape analysis of salicylamide crystals grown in different solvents. CrystEngComm, 2019, 21, 2648-2659.	2.6	18
6	Unraveling the Link between Solvent-Mediated Proton Transfer and the Salt Formation of Saccharin and Sulfamethazine. Crystal Growth and Design, 2019, 19, 613-619.	3.0	7
7	Surface-Activated Fibre-Like SBA-15 as Drug Carriers for Bone Diseases. AAPS PharmSciTech, 2019, 20, 17.	3.3	17
8	Crystal Nucleation of Tolbutamide in Solution: Relationship to Solvent, Solute Conformation, and Solution Structure. Chemistry - A European Journal, 2018, 24, 4916-4926.	3.3	49
9	A New 1:1 Drug-Drug Cocrystal of Theophylline and Aspirin: Discovery, Characterization, and Construction of Ternary Phase Diagrams. Crystal Growth and Design, 2018, 18, 7526-7532.	3.0	61
10	Continuous twin screw wet granulation: The combined effect of process parameters on residence time, particle size, and granule morphology. Journal of Drug Delivery Science and Technology, 2018, 48, 319-327.	3.0	11
11	Dependence of Heterogeneous Nucleation on Hydrogen Bonding Lifetime and Complementarity. Crystal Growth and Design, 2018, 18, 7158-7172.	3.0	19
12	Solute clustering in undersaturated solutions systematic dependence on time, temperature and concentration. Physical Chemistry Chemical Physics, 2018, 20, 15550-15559.	2.8	15
13	Influence of Structurally Related Impurities on the Crystal Nucleation of Curcumin. Crystal Growth and Design, 2018, 18, 4715-4723.	3.0	33
14	Investigation of polymorphic transitions of piracetam induced during wet granulation. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 36-46.	4.3	10
15	Insight into the Role of Additives in Controlling Polymorphic Outcome: A CO ₂ -Antisolvent Crystallization Process of Carbamazepine. Crystal Growth and Design, 2017, 17, 4544-4553.	3.0	49
16	Washable, Photosterilisable Antimicrobial Textiles. , 2016, , 317-332.		0
17	Investigation into the Solid and Solution Properties of Known and Novel Polymorphs of the Antimicrobial Molecule Clofazimine. Crystal Growth and Design, 2016, 16, 7240-7250.	3.0	21
18	Influence of solvent on crystal nucleation of risperidone. Faraday Discussions, 2015, 179, 309-328.	3.2	62

#	ARTICLE	IF	CITATIONS
19	Solvent and additive interactions as determinants in the nucleation pathway: general discussion. <i>Faraday Discussions</i> , 2015, 179, 383-420.	3.2	18
20	Influence of History of Solution in Crystal Nucleation of Fenoxycarb: Kinetics and Mechanisms. <i>Crystal Growth and Design</i> , 2014, 14, 905-915.	3.0	26
21	Analysis of the structure and morphology of fenoxycarb crystals. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 53, 92-99.	2.4	6
22	Investigating the Role of Solvent-Solute Interaction in Crystal Nucleation of Salicylic Acid from Organic Solvents. <i>Journal of the American Chemical Society</i> , 2014, 136, 11664-11673.	13.7	98
23	Influence of Solvent and Solid-State Structure on Nucleation of Parabens. <i>Crystal Growth and Design</i> , 2014, 14, 3890-3902.	3.0	54
24	Reassigning the most stable surface of hydroxyapatite to the water resistant hydroxyl terminated (010) surface. <i>Surface Science</i> , 2014, 623, 55-63.	1.9	21
25	Biocidal effect and durability of nano-TiO ₂ coated textiles to combat hospital acquired infections. <i>RSC Advances</i> , 2014, 4, 19945.	3.6	31
26	A complementary contribution to piezoelectricity from bone constituents. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2012, 19, 1151-1157.	2.9	15
27	Unravelling the specific site preference in doping of calcium hydroxyapatite with strontium from ab initio investigations and Rietveld analyses. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3435.	2.8	43
28	Bioactive silica-based drug delivery systems containing doxorubicin hydrochloride: In vitro studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 249-259.	5.0	34
29	Silica xerogel-hydrogen peroxide composites: Their morphology, stability, and antimicrobial activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 54, 165-172.	5.0	23
30	A study of interaction between hydrogen peroxide and silica gel by FTIR spectroscopy and quantum chemistry. <i>Journal of Molecular Structure</i> , 2006, 794, 83-91.	3.6	74