

# Jacek Zeglinski

## List of Publications by Year in descending order

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30  
papers

849  
citations

430874

18  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1114  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Influence of solvent on crystal nucleation of risperidone. <i>Faraday Discussions</i> , 2015, 179, 309-328.	3.2	62
4	A New 1:1 Drug-Drug Cocrystal of Theophylline and Aspirin: Discovery, Characterization, and Construction of Ternary Phase Diagrams. <i>Crystal Growth and Design</i> , 2018, 18, 7526-7532.	3.0	61
5	Influence of Solvent and Solid-State Structure on Nucleation of Parabens. <i>Crystal Growth and Design</i> , 2014, 14, 3890-3902.	3.0	54
6	Insight into the Role of Additives in Controlling Polymorphic Outcome: A CO <sub>2</sub> -Antisolvent Crystallization Process of Carbamazepine. <i>Crystal Growth and Design</i> , 2017, 17, 4544-4553.	3.0	49
7	Crystal Nucleation of Tolbutamide in Solution: Relationship to Solvent, Solute Conformation, and Solution Structure. <i>Chemistry - A European Journal</i> , 2018, 24, 4916-4926.	3.3	49
8	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
9	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
10	Influence of Structurally Related Impurities on the Crystal Nucleation of Curcumin. <i>Crystal Growth and Design</i> , 2018, 18, 4715-4723.	3.0	33
11	Biocidal effect and durability of nano-TiO <sub>2</sub> coated textiles to combat hospital acquired infections. <i>RSC Advances</i> , 2014, 4, 19945.	3.6	31
12	Probing Crystal Nucleation of Fenoxycarb from Solution through the Effect of Solvent. <i>Crystal Growth and Design</i> , 2019, 19, 2037-2049.	3.0	27
13	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
14	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
15	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
16	Investigation into the Solid and Solution Properties of Known and Novel Polymorphs of the Antimicrobial Molecule Clofazimine. <i>Crystal Growth and Design</i> , 2016, 16, 7240-7250.	3.0	21
17	Dependence of Heterogeneous Nucleation on Hydrogen Bonding Lifetime and Complementarity. <i>Crystal Growth and Design</i> , 2018, 18, 7158-7172.	3.0	19
18	Solvent and additive interactions as determinants in the nucleation pathway: general discussion. <i>Faraday Discussions</i> , 2015, 179, 383-420.	3.2	18

#	ARTICLE	IF	CITATIONS
19	Face indexing and shape analysis of salicylamide crystals grown in different solvents. CrystEngComm, 2019, 21, 2648-2659.	2.6	18
20	Surface-Activated Fibre-Like SBA-15 as Drug Carriers for Bone Diseases. AAPS PharmSciTech, 2019, 20, 17.	3.3	17
21	A complementary contribution to piezoelectricity from bone constituents. IEEE Transactions on Dielectrics and Electrical Insulation, 2012, 19, 1151-1157.	2.9	15
22	Solute clustering in undersaturated solutions – systematic dependence on time, temperature and concentration. Physical Chemistry Chemical Physics, 2018, 20, 15550-15559.	2.8	15
23	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
24	Investigation of polymorphic transitions of piracetam induced during wet granulation. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 36-46.	4.3	10
25	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
26	Analysis of the structure and morphology of fenoxycarb crystals. Journal of Molecular Graphics and Modelling, 2014, 53, 92-99.	2.4	6
27	Influence of solvent on crystal nucleation of benzocaine. CrystEngComm, 2020, 22, 8330-8342.	2.6	4
28	Effects of structurally – related impurities on the crystal growth of curcumin spherulites. CrystEngComm, 2022, 24, 5156-5169.	2.6	2
29	Determination of co-crystal phase purity by mid infrared spectroscopy and multiple curve resolution. International Journal of Pharmaceutics, 2021, 595, 120246.	5.2	1
30	Washable, Photosterilisable Antimicrobial Textiles. , 2016, , 317-332.		0