

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	273 citations	10 h-index	15 g-index
31 ext. papers	310 ext. citations	4 avg, IF	2.99 L-index

#	Paper	IF	Citations
25	Computational intelligence modeling of granule size distribution for oscillating milling. <i>Powder Technology</i> , 2016 , 301, 1252-1258	5.2	31
24	Heuristic modeling of macromolecule release from PLGA microspheres. <i>International Journal of Nanomedicine</i> , 2013 , 8, 4601-11	7.3	25
23	Analysis of pellet properties with use of artificial neural networks. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 41, 421-9	5.1	25
22	Preformulation studies on solid self-emulsifying systems in powder form containing magnesium aluminometasilicate as porous carrier. <i>AAPS PharmSciTech</i> , 2015 , 16, 623-35	3.9	23
21	Physicochemical Properties of Bosentan and Selected PDE-5 Inhibitors in the Design of Drugs for Rare Diseases. <i>AAPS PharmSciTech</i> , 2017 , 18, 1318-1331	3.9	23
20	Computational Intelligence Modeling of the Macromolecules Release from PLGA Microspheres-Focus on Feature Selection. <i>PLoS ONE</i> , 2016 , 11, e0157610	3.7	20
19	From Heuristic to Mathematical Modeling of Drugs Dissolution Profiles: Application of Artificial Neural Networks and Genetic Programming. <i>Computational and Mathematical Methods in Medicine</i> , 2015 , 2015, 863874	2.8	14
18	Empirical search for factors affecting mean particle size of PLGA microspheres containing macromolecular drugs. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 134, 137-47	6.9	12
17	Enhanced QSAR models for drug-triggered inhibition of the main cardiac ion currents. <i>Journal of Applied Toxicology</i> , 2015 , 35, 1030-9	4.1	11
16	Molecular Disorder of Bicalutamide-Amorphous Solid Dispersions Obtained by Solvent Methods. <i>Pharmaceutics</i> , 2018 , 10,	6.4	11
15	PhEq_bootstrap: Open-Source Software for the Simulation of f2 Distribution in Cases of Large Variability in Dissolution Profiles. <i>Dissolution Technologies</i> , 2013 , 20, 13-17	1.7	10
14	Effect of roll compaction on granule size distribution of microcrystalline cellulose-mannitol mixtures: computational intelligence modeling and parametric analysis. <i>Drug Design, Development and Therapy</i> , 2017 , 11, 241-251	4.4	9
13	Empirical modeling of the fine particle fraction for carrier-based pulmonary delivery formulations. <i>International Journal of Nanomedicine</i> , 2015 , 10, 801-10	7.3	9
12	Determination of lipophilicity of alpha-(4-phenylpiperazine) derivatives of N-benzylamides using chromatographic and computational methods. <i>Biomedical Chromatography</i> , 2008 , 22, 428-32	1.7	8
11	Computational intelligence models to predict porosity of tablets using minimum features. <i>Drug Design, Development and Therapy</i> , 2017 , 11, 193-202	4.4	7
10	Transparent computational intelligence models for pharmaceutical tableting process. <i>Complex Adaptive Systems Modeling</i> , 2016 , 4,	1.8	7
9	From Black-Box to Transparent Computational Intelligence Models: A Pharmaceutical Case Study 2015 ,		5

8	Evaluation of carrier size and surface morphology in carrier-based dry powder inhalation by surrogate modeling. <i>Chemical Engineering Science</i> , 2019 , 193, 144-155	4.4	5
7	Surface Modification of Pollen-Shape Carriers for Dry Powder Inhalation through Surface Etching. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 19943-19950	3.9	4
6	ME_expert 2.0: a heuristic decision support system for microemulsions formulation development 2013 , 39-71		4
5	Carrier optimization of pulmonary powder systems with using computational intelligence tools. <i>Powder Technology</i> , 2018 , 329, 76-84	5.2	3
4	Quantitative Assessment of the Physiological Parameters Influencing QT Interval Response to Medication: Application of Computational Intelligence Tools. <i>Computational and Mathematical Methods in Medicine</i> , 2018 , 2018, 3719703	2.8	2
3	CardiacPBPK: A tool for the prediction and visualization of time-concentration profiles of drugs in heart tissue. <i>Computers in Biology and Medicine</i> , 2019 , 115, 103484	7	2
2	Computational Intelligence Model of Orally Disintegrating Tablets: An Attempt to Explain Disintegration Process. <i>Engineering Proceedings</i> , 2021 , 11, 24	0.5	
1	Evolutionary Algorithms in Modeling Aerodynamic Properties of Spray-Dried Microparticulate Systems. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7109	2.6	