

Elisavet Vardaka

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.

40
papers

415
citations

13
h-index

18
g-index

41
ext. papers

537
ext. citations

4.8
avg. IF

4.2
L-index

#	Paper	IF	Citations
40	Developing and optimizing a validated isocratic reversed-phase high-performance liquid chromatography separation of nimodipine and impurities in tablets using experimental design methodology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 1192-202	3.5	40
39	Super-hydrophilic and high strength polymeric foam dressings of modified chitosan blends for topical wound delivery of chloramphenicol. <i>Carbohydrate Polymers</i> , 2019 , 208, 1-13	10.3	34
38	Chitosan Nanoparticles with Encapsulated Natural and UF-Purified Annatto and Saffron for the Preparation of UV Protective Cosmetic Emulsions. <i>Molecules</i> , 2018 , 23,	4.8	29
37	Molecular simulations for amorphous drug formulation: Polymeric matrix properties relevant to hot-melt extrusion. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 119, 259-267	5.1	28
36	Analytical and Computational Methods for the Estimation of Drug-Polymer Solubility and Miscibility in Solid Dispersions Development. <i>Pharmaceutics</i> , 2019 , 11,	6.4	23
35	Development of a New Aprepitant Liquisolid Formulation with the Aid of Artificial Neural Networks and Genetic Programming. <i>AAPS PharmSciTech</i> , 2018 , 19, 741-752	3.9	22
34	Melt extrusion process for adjusting drug release of poorly water soluble drug felodipine using different polymer matrices. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 114, 332-345	5.1	19
33	Risperidone Controlled Release Microspheres Based on Poly(Lactic Acid)-Poly(Propylene Adipate) Novel Polymer Blends Appropriate for Long Acting Injectable Formulations. <i>Pharmaceutics</i> , 2018 , 10,	6.4	18
32	Comparison of multi-linear regression, particle swarm optimization artificial neural networks and genetic programming in the development of mini-tablets. <i>International Journal of Pharmaceutics</i> , 2018 , 551, 166-176	6.5	18
31	Paclitaxel Magnetic Core-Shell Nanoparticles Based on Poly(lactic acid) Semitelechelic Novel Block Copolymers for Combined Hyperthermia and Chemotherapy Treatment of Cancer. <i>Pharmaceutics</i> , 2019 , 11,	6.4	14
30	Crystallization tendency of APIs possessing different thermal and glass related properties in amorphous solid dispersions. <i>International Journal of Pharmaceutics</i> , 2020 , 579, 119149	6.5	14
29	Experimental, Thermodynamic, and Molecular Modeling Evaluation of Amorphous Simvastatin-Poly(vinylpyrrolidone) Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2020 , 17, 2703-2720	5.6	13
28	Rivaroxaban polymeric amorphous solid dispersions: Moisture-induced thermodynamic phase behavior and intermolecular interactions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 145, 98-112	5.7	13
27	Molecular modelling and simulation of fusion-based amorphous drug dispersions in polymer/plasticizer blends. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 130, 260-268	5.1	12
26	Preparation and characterization of Alendronate depot microspheres based on novel poly(ϵ -caprolactone)/Vitamin E TPGS copolymers. <i>International Journal of Pharmaceutics: X</i> , 2019 , 1, 100014	3.2	10
25	Quantification of live <i>Lactobacillus acidophilus</i> in mixed populations of live and killed by application of attenuated reflection Fourier transform infrared spectroscopy combined with chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 154, 16-22	3.5	9
24	Preparation of New Risperidone Depot Microspheres Based on Novel Biocompatible Poly(Alkylene Adipate) Polyesters as Long-Acting Injectable Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 2891-2901	3.9	9

23	Partially hydrolyzed polyvinyl alcohol for fusion-based pharmaceutical formulation processes: Evaluation of suitable plasticizers. <i>International Journal of Pharmaceutics</i> , 2020 , 578, 119121	6.5	8
22	Insight into the Formation of Glimepiride Nanocrystals by Wet Media Milling. <i>Pharmaceutics</i> , 2020 , 12,	6.4	8
21	Physicochemical characterization of nimodipine-polyethylene glycol solid dispersion systems. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 886-95	3.6	7
20	Overcoming the Solubility Barrier of Ibuprofen by the Rational Process Design of a Nanocrystal Formulation. <i>Pharmaceutics</i> , 2020 , 12,	6.4	7
19	Gelatin nanoparticles for NSAID systemic administration: Quality by design and artificial neural networks implementation. <i>International Journal of Pharmaceutics</i> , 2020 , 578, 119118	6.5	6
18	Evaluation of rivaroxaban amorphous solid dispersions physical stability via molecular mobility studies and molecular simulations. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 157, 105642	5.1	6
17	Amorphous agomelatine stabilization in the presence of pyrogenic silica: Molecular mobility and intermolecular interaction studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 139, 291-300	5.7	5
16	Sildenafil 4.0-Integrated Synthetic Chemistry, Formulation and Analytical Strategies Effecting Immense Therapeutic and Societal Impact in the Fourth Industrial Era. <i>Pharmaceutics</i> , 2021 , 14,	5.2	5
15	Low Molecular Weight Oligomers of Poly(alkylene succinate) Polyesters as Plasticizers in Poly(vinyl alcohol) Based Pharmaceutical Applications. <i>Polymers</i> , 2021 , 13,	4.5	5
14	Development of a Novel Amorphous Agomelatine Formulation With Improved Storage Stability and Enhanced Bioavailability. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 257-266	3.9	4
13	Evaluation of Dissolution Enhancement of Aprepitant Drug in Ternary Pharmaceutical Solid Dispersions with Soluplus [®] and Poloxamer 188 Prepared by Melt Mixing. <i>Sci</i> , 2019 , 1, 48	0.7	4
12	Drug Amorphous Solid Dispersions Based on Poly(vinyl Alcohol): Evaluating the Effect of Poly(propylene Succinate) as Plasticizer. <i>Polymers</i> , 2021 , 13,	4.5	4
11	Development of a new esomeprazole delayed release gastro-resistant pellet formulation with improved storage stability. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 942-952	3.6	3
10	Development of Water-Soluble Electrospun Fibers for the Oral Delivery of Cannabinoids. <i>AAPS PharmSciTech</i> , 2021 , 22, 23	3.9	3
9	Drug crystal growth in ternary amorphous solid dispersions: Effect of surfactants and polymeric matrix-carriers. <i>International Journal of Pharmaceutics: X</i> , 2021 , 3, 100086	3.2	3
8	Application of Multiple Linear Regression and Artificial Neural Networks for the Prediction of the Packing and Capsule Filling Performance of Coated and Plain Pellets Differing in Density and Size. <i>Pharmaceutics</i> , 2020 , 12,	6.4	2
7	Determination of the physical state of a drug in amorphous solid dispersions using artificial neural networks and ATR-FTIR spectroscopy. <i>International Journal of Pharmaceutics: X</i> , 2020 , 2, 100064	3.2	2
6	Poly(L-Lactic Acid)-co-poly(Butylene Adipate) New Block Copolymers for the Preparation of Drug-Loaded Long Acting Injectable Microparticles. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2

5	High-Drug-Loading Amorphous Solid Dispersions via Thermal Cross-Linking: Unraveling the Mechanisms of Stabilization. <i>Molecular Pharmaceutics</i> , 2021 , 18, 4393-4414	5.6	1
4	Leflunomide Sustained Skin Delivery Based on Sulfobetaine-Modified Chitosan Nanoparticles Embedded in Biodegradable Polyesters Films. <i>Polymers</i> , 2021 , 13,	4.5	1
3	Leflunomide Loaded Chitosan Nanoparticles for the Preparation of Aliphatic Polyester Based Skin Patches. <i>Polymers</i> , 2021 , 13,	4.5	1
2	Development of agomelatine nanocomposite formulations by wet media milling. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 166, 105979	5.1	1
1	Evaluating the effect of kosmotropic inorganic salts in the in vitro dissolution behavior of tablets containing amorphous indomethacin-polyvinylpyrrolidone solid dispersions. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 103421	4.5	