

Elisavet Vardaka

List of Publications by Year in Descending Order

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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	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	
39	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
38	Leflunomide Sustained Skin Delivery Based on Sulfobetaine-Modified Chitosan Nanoparticles Embedded in Biodegradable Polyesters Films. <i>Polymers</i> , 2021 , 13,	4.5	1
37	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
36	Leflunomide Loaded Chitosan Nanoparticles for the Preparation of Aliphatic Polyester Based Skin Patches. <i>Polymers</i> , 2021 , 13,	4.5	1
35	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
34	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
33	Development of Water-Soluble Electrospun Fibers for the Oral Delivery of Cannabinoids. <i>AAPS PharmSciTech</i> , 2021 , 22, 23	3.9	3
32	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
31	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
30	Development of agomelatine nanocomposite formulations by wet media milling. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 166, 105979	5.1	1
29	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
28	Experimental, Thermodynamic, and Molecular Modeling Evaluation of Amorphous Simvastatin-Poly(vinylpyrrolidone) Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2020 , 17, 2703-2720	5.6	13
27	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
26	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
25	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
24	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

23	Insight into the Formation of Glimepiride Nanocrystals by Wet Media Milling. <i>Pharmaceutics</i> , 2020 , 12,	6.4	8
22	Overcoming the Solubility Barrier of Ibuprofen by the Rational Process Design of a Nanocrystal Formulation. <i>Pharmaceutics</i> , 2020 , 12,	6.4	7
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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
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	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
9	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
8	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
7	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
6	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

5	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, 10,	6.4	18
4	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
3	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
2	Physicochemical characterization of nimodipine-polyethylene glycol solid dispersion systems. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 886-95	3.6	7
1	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