

Elisavet Vardaka

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

697
citations

516215

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h-index

610482

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41
docs citations

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times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.1	50
2	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, 1192-1202.	1.4	46
3	Chitosan Nanoparticles with Encapsulated Natural and UF-Purified Annatto and Saffron for the Preparation of UV Protective Cosmetic Emulsions. <i>Molecules</i> , 2018, 23, 2107.	1.7	44
4	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, 130.	2.0	44
5	Analytical and Computational Methods for the Estimation of Drug-Polymer Solubility and Miscibility in Solid Dispersions Development. <i>Pharmaceutics</i> , 2019, 11, 372.	2.0	42
6	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.	1.9	35
7	A Review on Xerostomia and Its Various Management Strategies: The Role of Advanced Polymeric Materials in the Treatment Approaches. <i>Polymers</i> , 2022, 14, 850.	2.0	26
8	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.	1.5	25
9	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.	2.0	24
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.	1.9	23
11	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.	2.6	23
12	Crystallization tendency of APIs possessing different thermal and glass related properties in amorphous solid dispersions. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119149.	2.6	22
13	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.	1.9	21
14	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, 213.	2.0	19
15	Gelatin nanoparticles for NSAID systemic administration: Quality by design and artificial neural networks implementation. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119118.	2.6	19
16	Experimental, Thermodynamic, and Molecular Modeling Evaluation of Amorphous Simvastatin-Poly(vinylpyrrolidone) Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2020, 17, 2703-2720.	2.3	18
17	Insight into the Formation of Glimepiride Nanocrystals by Wet Media Milling. <i>Pharmaceutics</i> , 2020, 12, 53.	2.0	16
18	Development of Water-Soluble Electrospun Fibers for the Oral Delivery of Cannabinoids. <i>AAPS PharmSciTech</i> , 2021, 22, 23.	1.5	15

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19	Preparation and characterization of Alendronate depot microspheres based on novel poly(ϵ -caprolactone)/Vitamin E TPGS copolymers. <i>International Journal of Pharmaceutics</i> : X, 2019, 1, 100014.	1.2	14
20	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.	1.9	14
21	Preparation of New Risperidone Depot Microspheres Based on Novel Biocompatible Poly(Alkylene) Tj ETQq1 1 0.784314 rgBT /Overlo 107, 2891-2901.	1.6	13
22	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.	1.8	13
23	Overcoming the Solubility Barrier of Ibuprofen by the Rational Process Design of a Nanocrystal Formulation. <i>Pharmaceutics</i> , 2020, 12, 969.	2.0	11
24	Low Molecular Weight Oligomers of Poly(alkylene succinate) Polyesters as Plasticizers in Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	11
25	Sildenafil 4.0â€”Integrated Synthetic Chemistry, Formulation and Analytical Strategies Effecting Immense Therapeutic and Societal Impact in the Fourth Industrial Era. <i>Pharmaceutics</i> , 2021, 14, 365.	1.7	11
26	Physicochemical characterization of nimodipineâ€”polyethylene glycol solid dispersion systems. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 886-895.	0.9	10
27	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.	1.4	10
28	High-Drug-Loading Amorphous Solid Dispersions via <i>In Situ</i> Thermal Cross-Linking: Unraveling the Mechanisms of Stabilization. <i>Molecular Pharmaceutics</i> , 2021, 18, 4393-4414.	2.3	10
29	Partially hydrolyzed polyvinyl alcohol for fusion-based pharmaceutical formulation processes: Evaluation of suitable plasticizers. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119121.	2.6	9
30	Drug crystal growth in ternary amorphous solid dispersions: Effect of surfactants and polymeric matrix-carriers. <i>International Journal of Pharmaceutics</i> : X, 2021, 3, 100086.	1.2	8
31	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.	2.0	7
32	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, 930.	2.0	6
33	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.	0.9	5
34	Development of a Novel Amorphous Agomelatine Formulation With Improved Storage Stability and Enhanced Bioavailability. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 257-266.	1.6	5
35	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</i> : X, 2020, 2, 100064.	1.2	5
36	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, 244.	2.0	5

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37	Drug Amorphous Solid Dispersions Based on Poly(vinyl Alcohol): Evaluating the Effect of Poly(propylene Succinate) as Plasticizer. <i>Polymers</i> , 2021, 13, 2922.	2.0	5
38	Development of agomelatine nanocomposite formulations by wet media milling. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 166, 105979.	1.9	5
39	Leflunomide Loaded Chitosan Nanoparticles for the Preparation of Aliphatic Polyester Based Skin Patches. <i>Polymers</i> , 2021, 13, 1539.	2.0	4
40	Leflunomide Sustained Skin Delivery Based on Sulfobetaine-Modified Chitosan Nanoparticles Embedded in Biodegradable Polyesters Films. <i>Polymers</i> , 2021, 13, 960.	2.0	3
41	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.	1.4	1