Katarzyna Winnicka

List of Publications by Year
in descending order

74 papers	2,968 citations	172457 29 h-index	175258 52 g-index
75 all docs	75 docs citations	75 times ranked	4428 citing authors

#	Article	IF	Citations
1	Orodispersible Films with Rupatadine Fumarate Enclosed in Ethylcellulose Microparticles as Drug Delivery Platform with Taste-Masking Effect. Materials, 2022, 15, 2126.	2.9	9
2	The Potential of Polyelectrolyte Multilayer Films as Drug Delivery Materials. International Journal of Molecular Sciences, 2022, 23, 3496.	4.1	7
3	Chitosan-Enriched Solution Blow Spun Poly(Ethylene Oxide) Nanofibers with Poly(Dimethylsiloxane) Hydrophobic Outer Layer for Skin Healing and Regeneration. International Journal of Molecular Sciences, 2022, 23, 5135.	4.1	10
4	Does the Freezeâ€“Thaw Technique Affect the Properties of the Alginate/Chitosan Glutamate Gels with Posaconazole as a Model Antifungal Drug?. International Journal of Molecular Sciences, 2022, 23, 6775.	4.1	7
5	Nanostructured Lipid Carriers Engineered as Topical Delivery of Etodolac: Optimization and Cytotoxicity Studies. Materials, 2021, 14, 596.	2.9	14
6	Buccal Resveratrol Delivery System as a Potential New Concept for the Periodontitis Treatment. Pharmaceutics, 2021, 13, 417.	4.5	16
7	The Impact of Gelatin on the Pharmaceutical Characteristics of Fucoidan Microspheres with Posaconazole. Materials, 2021, 14, 4087.	2.9	10
8	â€œSuccess Depends on Your Backboneâ€â€”About the Use of Polymers as Essential Materials Forming Orodispersible Films. Materials, 2021, 14, 4872.	2.9	16
9	Tragacanth Gum/Chitosan Polyelectrolyte Complexes-Based Hydrogels Enriched with Xanthan Gum as Promising Materials for Buccal Application. Materials, 2021, 14, 86.	2.9	17
10	Potential of mucoadhesive chitosan glutamate microparticles as microbicide carriers â€“ antiherpes activity and penetration behavior across the human vaginal epithelium. Drug Delivery, 2021, 28, 2278-2288.	5.7	7
11	Multilayer Films Based on Chitosan/Pectin Polyelectrolyte Complexes as Novel Platforms for Buccal Administration of Clotrimazole. Pharmaceutics, 2021, 13, 1588.	4.5	24
12	The Influence of Tea Tree Oil on Antifungal Activity and Pharmaceutical Characteristics of PluronicÂ® F-127 Gel Formulations with Ketoconazole. International Journal of Molecular Sciences, 2021, 22, 11326.	4.1	12
13	Development and Evaluation of Thermosensitive Hydrogels with Binary Mixture of Scutellariae baicalensis radix Extract and Chitosan for Periodontal Diseases Treatment. International Journal of Molecular Sciences, 2021, 22, 11319.	4.1	10
14	Cyclodextrin as Functional Carrier in Development of Mucoadhesive Tablets Containing Polygoni cuspidati Extract with Potential for Dental Applications. Pharmaceutics, 2021, 13, 1916.	4.5	11
15	Development, characterisation and nasal deposition of melatonin-loaded pectin/hypromellose microspheres. European Journal of Pharmaceutical Sciences, 2020, 141, 105115.	4.0	24
16	In vivo anti-inflammatory and anti-allergic activities of cynaroside evaluated by using hydrogel formulations. Biomedicine and Pharmacotherapy, 2020, 121, 109681.	5.6	38
17	Challenges in developing of chitosan â€“ Based polyelectrolyte complexes as a platform for mucosal and skin drug delivery. European Polymer Journal, 2020, 140, 110020.	5.4	49
18	The Correlation between Physical Crosslinking and Water-Soluble Drug Release from Chitosan-Based Microparticles. Pharmaceutics, 2020, 12, 455.	4.5	5

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19	Freeze-Drying Technique for Microencapsulation of Elsholtzia ciliata Ethanolic Extract Using Different Coating Materials. Molecules, 2020, 25, 2237.	3.8	38
20	Utilization of Ethylcellulose Microparticles with Rupatadine Fumarate in Designing Orodispersible Minitablets with Taste Masking Effect. Materials, 2020, 13, 2715.	2.9	17
21	Different Types of Gel Carriers as Metronidazole Delivery Systems to the Oral Mucosa. Polymers, 2020, 12, 680.	4.5	38
22	Mucoadhesive Chitosan Delivery System with Chelidonii Herba Lyophilized Extract as a Promising Strategy for Vaginitis Treatment. Journal of Clinical Medicine, 2020, 9, 1208.	2.4	17
23	Possibilities of Fucoidan Utilization in the Development of Pharmaceutical Dosage Forms. Marine Drugs, 2019, 17, 458.	4.6	106
24	How to Modify Drug Release in Paediatric Dosage Forms? Novel Technologies and Modern Approaches with Regard to Childrenâ€™s Population. International Journal of Molecular Sciences, 2019, 20, 3200.	4.1	36
25	Could spray-dried microbeads with chitosan glutamate be considered as promising vaginal microbicide carriers? The effect of process variables on the in vitro functional and physicochemical characteristics. International Journal of Pharmaceutics, 2019, 568, 118558.	5.2	8
26	Ethylcelluloseâ€“A Pharmaceutical Excipient with Multidirectional Application in Drug Dosage Forms Development. Materials, 2019, 12, 3386.	2.9	105
27	Ethylcellulose in Organic Solution or Aqueous Dispersion Form in Designing Taste-Masked Microparticles by the Spray Drying Technique with a Model Bitter Drug: Rupatadine Fumarate. Polymers, 2019, 11, 522.	4.5	14
28	Spray-dried nanoparticle-loaded pectin microspheres for dexamethasone nasal delivery. Drying Technology, 2019, 37, 1915-1925.	3.1	22
29	How to assess orodispersible film quality? A review of applied methods and their modifications. Acta Pharmaceutica, 2019, 69, 155-176.	2.0	32
30	Alginate Oligosaccharides Affect Mechanical Properties and Antifungal Activity of Alginate Buccal Films with Posaconazole. Marine Drugs, 2019, 17, 692.	4.6	36
31	Nanostructured lipid carriers: A potential use for skin drug delivery systems. Pharmacological Reports, 2019, 71, 156-166.	3.3	83
32	Comparison of Rheological, Drug Release, and Mucoadhesive Characteristics upon Storage between Hydrogels with Unmodified or Beta-Glycerophosphate-Crosslinked Chitosan. International Journal of Polymer Science, 2018, 2018, 1-12.	2.7	6
33	Oxythiamine improves antifungal activity of ketoconazole evaluated in canine Malassezia pachydermatis strains. Veterinary Dermatology, 2018, 29, 476.	1.2	4
34	Novel Gel Formulations as Topical Carriers for the Essential Oil of Bidens tripartita for the Treatment of Candidiasis. Molecules, 2018, 23, 2517.	3.8	21
35	Calcium Chloride Modified Alginate Microparticles Formulated by the Spray Drying Process: A Strategy to Prolong the Release of Freely Soluble Drugs. Materials, 2018, 11, 1522.	2.9	44
36	Multifunctional Tannic Acid/Silver Nanoparticle-Based Mucoadhesive Hydrogel for Improved Local Treatment of HSV Infection: In Vitro and In Vivo Studies. International Journal of Molecular Sciences, 2018, 19, 387.	4.1	61

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37	The genetic characterization of an isolated remnant population of an endangered rodent (Cricetus) Tj ETQq1 1 0.784314 rgBT /Overlock 759-775.	1.5	12
38	Characterization and taste masking evaluation of microparticles with cetirizine dihydrochloride and methacrylate-based copolymer obtained by spray drying. Acta Pharmaceutica, 2017, 67, 113-124.	2.0	16
39	Application of standard cell cultures and 3D in vitro tissue models as an effective tool in drug design and development. Pharmacological Reports, 2017, 69, 861-870.	3.3	52
40	Taste-masking assessment of orally disintegrating tablets and lyophilisates with cetirizine dihydrochloride microparticles. Saudi Pharmaceutical Journal, 2017, 25, 1144-1150.	2.7	30
41	Tasting cetirizine-based microspheres with an electronic tongue. Sensors and Actuators B: Chemical, 2017, 238, 1190-1198.	7.8	29
42	Hydrogel Containing an Extract of Tormentillae Rhizoma for the Treatment of Biofilm-Related Oral Diseases. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	5
43	The Influence of Chitosan Cross-linking on the Properties of Alginate Microparticles with Metformin Hydrochlorideâ€"In Vitro and In Vivo Evaluation. Molecules, 2017, 22, 182.	3.8	29
44	Polymers in pharmaceutical taste masking applications. Polimery, 2017, 62, 419-427.	0.7	11
45	Alginate: Current Use and Future Perspectives in Pharmaceutical and Biomedical Applications. International Journal of Polymer Science, 2016, 2016, 1-17.	2.7	344
46	Influence of Sodium Alginate on Hypoglycemic Activity of Metformin Hydrochloride in the Microspheres Obtained by the Spray Drying. International Journal of Polymer Science, 2016, 2016, 1-12.	2.7	17
47	Novel Spray Dried Glycerol 2-Phosphate Cross-Linked Chitosan Microparticulate Vaginal Delivery Systemâ€"Development, Characterization and Cytotoxicity Studies. Marine Drugs, 2016, 14, 174.	4.6	10
48	Genetic diversity and extinction risk in a small, declining Polish common hamster (Cricetus cricetus) population. Mammalian Biology, 2016, 81, 612-622.	1.5	2
49	The effect of PAMAM dendrimers with amine or hydroxyl terminal groups on the bioadhesive properties of hydrogels with clotrimazole. Polimery, 2016, 61, 322-326.	0.7	7
50	Evaluation of cationic polyamidoamine dendrimers’ dermal toxicity in the rat skin model. Drug Design, Development and Therapy, 2015, 9, 1367.	4.3	27
51	Stability of Chitosanâ€"A Challenge for Pharmaceutical and Biomedical Applications. Marine Drugs, 2015, 13, 1819-1846.	4.6	592
52	Development and Evaluation of Liquid and Solid Self-Emulsifying Drug Delivery Systems for Atorvastatin. Molecules, 2015, 20, 21010-21022.	3.8	76
53	The Effect of Cationic Polyamidoamine Dendrimers on Physicochemical Characteristics of Hydrogels with Erythromycin. International Journal of Molecular Sciences, 2015, 16, 20277-20289.	4.1	25
54	The Effect of Î²-Glycerophosphate Crosslinking on Chitosan Cytotoxicity and Properties of Hydrogels for Vaginal Application. Polymers, 2015, 7, 2223-2244.	4.5	33

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55	Alginate microspheres obtained by the spray drying technique as mucoadhesive carriers of ranitidine. Acta Pharmaceutica, 2015, 65, 15-27.	2.0	21
56	EVALUATION OF ALGINATE MICROSPHERES WITH METRONIDAZOLE OBTAINED BY THE SPRAY DRYING TECHNIQUE. Acta Poloniae Pharmaceutica, 2015, 72, 569-78.	0.1	4
57	Vaginal Chitosan Tablets with Clotrimazoleâ€"Design and Evaluation of Mucoadhesive Properties Using Porcine Vaginal Mucosa, Mucin and Gelatine. Chemical and Pharmaceutical Bulletin, 2014, 62, 160-167.	1.3	42
58	Influence of Unmodified and Î²-Glycerophosphate Cross-Linked Chitosan on Anti-Candida Activity of Clotrimazole in Semi-Solid Delivery Systems. International Journal of Molecular Sciences, 2014, 15, 17765-17777.	4.1	18
59	Preparation of ciprofloxacin-encapsulated poly-Îµ- caprolactone microcapsules by the solvent evaporation technique. E-Polymers, 2013, 13, .	3.0	1
60	The Effect of PAMAM Dendrimers on the Antibacterial Activity of Antibiotics with Different Water Solubility. Molecules, 2013, 18, 8607-8617.	3.8	56
61	Application of differential scanning calorimetry in evaluation of solid state interactions in tablets containing acetaminophen. Acta Poloniae Pharmaceutica, 2013, 70, 787-93.	0.1	6
62	Hydrogel of Ketoconazole and PAMAM Dendrimers: Formulation and Antifungal Activity. Molecules, 2012, 17, 4612-4624.	3.8	65
63	Preparation and in vitro evaluation of chitosan microgranules with clotrimazole. Acta Poloniae Pharmaceutica, 2012, 69, 509-13.	0.1	10
64	Poly(amidoamine) Dendrimers Increase Antifungal Activity of Clotrimazole. Biological and Pharmaceutical Bulletin, 2011, 34, 1129-1133.	1.4	46
65	Dual effects of ouabain, digoxin and proscillaridin A on the regulation of apoptosis in human fibroblasts. Natural Product Research, 2010, 24, 274-285.	1.8	44
66	Synthesis and cytotoxic activity of G3 PAMAM-NH2 dendrimer-modified digoxin and proscillaridin A conjugates in breast cancer cells. Pharmacological Reports, 2010, 62, 414-423.	3.3	23
67	Inhibition of DNA topoisomerases I and II by G3 PAMAM-NH2 dendrimer-modified digoxin and proscillaridin A conjugates in a cell free system. Acta Poloniae Pharmaceutica, 2010, 67, 630-4.	0.1	0
68	The Effect of Generation 2 and 3 Poly(amidoamine) Dendrimers on Viability of Human Breast Cancer Cells. Journal of Health Science, 2009, 55, 169-177.	0.9	33
69	Antiproliferative Activity of Derivatives of Ouabain, Digoxin and Proscillaridin A in Human MCF-7 and MDA-MB-231 Breast Cancer Cells. Biological and Pharmaceutical Bulletin, 2008, 31, 1131-1140.	1.4	72
70	Apoptosis-mediated cytotoxicity of ouabain, digoxin and proscillaridin A in the estrogen independent MDA-MB-231 breast cancer cells. Archives of Pharmacal Research, 2007, 30, 1216-1224.	6.3	46
71	Inhibition of DNA Topoisomerases I and II, and Growth Inhibition of Breast Cancer MCF-7 Cells by Ouabain, Digoxin and Proscillaridin A. Biological and Pharmaceutical Bulletin, 2006, 29, 1493-1497.	1.4	109
72	Cardiac glycosides in cancer research and cancer therapy. Acta Poloniae Pharmaceutica, 2006, 63, 109-15.	0.1	46

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73	PST 2238 as an antihypertensive compound that antagonizes the effect of endogenous cardiac glycosides. Acta Poloniae Pharmaceutica, 2005, 62, 75-9.	0.1	1
74	Piracetam--an old drug with novel properties?. Acta Poloniae Pharmaceutica, 2005, 62, 405-9.	0.1	34