## Aleksandra Zielińska

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Polymeric Nanoparticles: Production, Characterization, Toxicology and Ecotoxicology. Molecules, 2020, 25, 3731.	3.8	640
2	Nanotoxicology and Nanosafety: Safety-by-Design and Testing at a Glance. International Journal of Environmental Research and Public Health, 2020, 17, 4657.	2.6	114
3	Nanopesticides in Agriculture: Benefits and Challenge in Agricultural Productivity, Toxicological Risks to Human Health and Environment. Toxics, 2021, 9, 131.	3.7	110
4	Abundance of active ingredients in sea-buckthorn oil. Lipids in Health and Disease, 2017, 16, 95.	3.0	105
5	Anti-inflammatory and anti-cancer activity of citral: Optimization of citral-loaded solid lipid nanoparticles (SLN) using experimental factorial design and LUMiSizer®. International Journal of Pharmaceutics, 2018, 553, 428-440.	5.2	92
6	Nanopharmaceutics: Part l—Clinical Trials Legislation and Good Manufacturing Practices (GMP) of Nanotherapeutics in the EU. Pharmaceutics, 2020, 12, 146.	4.5	75
7	Microemulsions and Nanoemulsions in Skin Drug Delivery. Bioengineering, 2022, 9, 158.	3.5	72
8	(+)-Limonene 1,2-Epoxide-Loaded SLNs: Evaluation of Drug Release, Antioxidant Activity, and Cytotoxicity in an HaCaT Cell Line. International Journal of Molecular Sciences, 2020, 21, 1449.	4.1	62
9	Optimization of linalool-loaded solid lipid nanoparticles using experimental factorial design and long-term stability studies with a new centrifugal sedimentation method. International Journal of Pharmaceutics, 2018, 549, 261-270.	5.2	55
10	Nanopharmaceutics: Part IIâ $\in$ "Production Scales and Clinically Compliant Production Methods. Nanomaterials, 2020, 10, 455.	4.1	55
11	Properties, Extraction Methods, and Delivery Systems for Curcumin as a Natural Source of Beneficial Health Effects. Medicina (Lithuania), 2020, 56, 336.	2.0	55
12	Development and Optimization of Alpha-Pinene-Loaded Solid Lipid Nanoparticles (SLN) Using Experimental Factorial Design and Dispersion Analysis. Molecules, 2019, 24, 2683.	3.8	52
13	Loading, release profile and accelerated stability assessment of monoterpenes-loaded solid lipid nanoparticles (SLN). Pharmaceutical Development and Technology, 2020, 25, 832-844.	2.4	52
14	Linseed Essential Oil – Source of Lipids as Active Ingredients for Pharmaceuticals and Nutraceuticals. Current Medicinal Chemistry, 2019, 26, 4537-4558.	2.4	49
15	Uveal melanoma: physiopathology and new in situ-specific therapies. Cancer Chemotherapy and Pharmacology, 2019, 84, 15-32.	2.3	48
16	Dual-drugs delivery in solid lipid nanoparticles for the treatment of Candida albicans mycosis. Colloids and Surfaces B: Biointerfaces, 2020, 186, 110705.	5.0	45
17	3D printing in the design of pharmaceutical dosage forms. Pharmaceutical Development and Technology, 2019, 24, 1044-1053.	2.4	42
18	Key production parameters for the development of solid lipid nanoparticles by high shear homogenization. Pharmaceutical Development and Technology, 2019, 24, 1181-1185.	2.4	37

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19	Perillaldehyde 1,2-epoxide Loaded SLN-Tailored mAb: Production, Physicochemical Characterization and In Vitro Cytotoxicity Profile in MCF-7 Cell Lines. Pharmaceutics, 2020, 12, 161.	4.5	36
20	Cannabidiol in Neurological and Neoplastic Diseases: Latest Developments on the Molecular Mechanism of Action. International Journal of Molecular Sciences, 2021, 22, 4294.	4.1	30
21	Elastic and Ultradeformable Liposomes for Transdermal Delivery of Active Pharmaceutical Ingredients (APIs). International Journal of Molecular Sciences, 2021, 22, 9743.	4.1	30
22	Biosynthesis of Silver Nanoparticles Mediated by Entomopathogenic Fungi: Antimicrobial Resistance, Nanopesticides, and Toxicity. Antibiotics, 2021, 10, 852.	3.7	29
23	Endocannabinoid System as a Promising Therapeutic Target in Inflammatory Bowel Disease – A Systematic Review. Frontiers in Immunology, 2021, 12, 790803.	4.8	28
24	Exudative versus Nonexudative Age-Related Macular Degeneration: Physiopathology and Treatment Options. International Journal of Molecular Sciences, 2022, 23, 2592.	4.1	27
25	Is the Retinol-Binding Protein 4 a Possible Risk Factor for Cardiovascular Diseases in Obesity?. International Journal of Molecular Sciences, 2020, 21, 5229.	4.1	25
26	Stability determination of the formulations containing hyaluronic acid. International Journal of Cosmetic Science, 2015, 37, 401-407.	2.6	23
27	Encapsulation of Active Pharmaceutical Ingredients in Lipid Micro/Nanoparticles for Oral Administration by Spray-Cooling. Pharmaceutics, 2021, 13, 1186.	4.5	23
28	Development, Cytotoxicity and Eye Irritation Profile of a New Sunscreen Formulation Based on Benzophenone-3-poly(Îμ-caprolactone) Nanocapsules. Toxics, 2019, 7, 51.	3.7	20
29	Bacillus thuringiensis: From biopesticides to anticancer agents. Biochimie, 2022, 192, 83-90.	2.6	17
30	In Vitro Characterization, Modelling, and Antioxidant Properties of Polyphenon-60 from Green Tea in Eudragit S100-2 Chitosan Microspheres. Nutrients, 2020, 12, 967.	4.1	16
31	Cancer Nanopharmaceuticals: Physicochemical Characterization and In Vitro/In Vivo Applications. Cancers, 2021, 13, 1896.	3.7	15
32	Lipid Nanomaterials for Targeted Delivery of Dermocosmetic Ingredients: Advances in Photoprotection and Skin Anti-Aging. Nanomaterials, 2022, 12, 377.	4.1	15
33	Quality by Design Approach for the Development of Liposome Carrying Ghrelin for Intranasal Administration. Pharmaceutics, 2021, 13, 686.	4.5	14
34	Hydrogels for Modified-release Drug Delivery Systems. Current Pharmaceutical Design, 2022, 28, 609-618.	1.9	14
35	Solid lipid nanoparticles and nanostructured lipid carriers as novel carriers for cosmetic ingredients. , 2016, , 231-255.		13
36	Silver nanoparticles obtained from Brazilian pepper extracts with synergistic anti-microbial effect: production, characterization, hydrogel formulation, cell viability, and inAvitro efficacy. Pharmaceutical Development and Technology, 2021, 26, 539-548.	2.4	13

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37	Lipid-Polymeric Films: Composition, Production and Applications in Wound Healing and Skin Repair. Pharmaceutics, 2021, 13, 1199.	4.5	13
38	Nanopharmaceuticals for Eye Administration: Sterilization, Depyrogenation and Clinical Applications. Biology, 2020, 9, 336.	2.8	11
39	Primary Humoral Immune Deficiencies: Overlooked Mimickers of Chronic Immune-Mediated Gastrointestinal Diseases in Adults. International Journal of Molecular Sciences, 2020, 21, 5223.	4.1	10
40	How could nanobiotechnology improve treatment outcomes of anti-TNF-α therapy in inflammatory bowel disease? Current knowledge, future directions. Journal of Nanobiotechnology, 2021, 19, 346.	9.1	10
41	Non-melanoma skin cancers: physio-pathology and role of lipid delivery systems in new chemotherapeutic treatments. Neoplasia, 2022, 30, 100810.	5.3	10
42	Cachexia: Pathophysiology and Ghrelin Liposomes for Nose-to-Brain Delivery. International Journal of Molecular Sciences, 2020, 21, 5974.	4.1	9
43	Antimycotic nail polish based on humic acidâ€coated silver nanoparticles for onychomycosis. Journal of Chemical Technology and Biotechnology, 2021, 96, 2208-2218.	3.2	9
44	Development, in vitro release and in vivo bioavailability of sustained release nateglinide tablets. Journal of Drug Delivery Science and Technology, 2020, 55, 101355.	3.0	8
45	Lipid Nanocarriers for Hyperproliferative Skin Diseases. Cancers, 2021, 13, 5619.	3.7	8
46	Cytotoxicity of Thiopurine Drugs in Patients with Inflammatory Bowel Disease. Toxics, 2022, 10, 151.	3.7	8
47	Obesity and the Brain. International Journal of Molecular Sciences, 2022, 23, 6145.	4.1	8
48	<i>Citrus sinensis</i> Essential Oil-Based Microemulsions: Green Synthesis, Characterization, and Antibacterial and Larvicide Activities. ACS Food Science & Technology, 2021, 1, 462-469.	2.7	6
49	Chemical and Physical Properties of Meadowfoam Seed Oil and Extra Virgin Olive Oil: Focus on Vibrational Spectroscopy. Journal of Spectroscopy, 2020, 2020, 1-9.	1.3	5
50	Rutin-Functionalized Multi-Walled Carbon Nanotubes: Molecular Docking, Physicochemistry and Cytotoxicity in Fibroblasts. Toxics, 2021, 9, 173.	3.7	5
51	Mesoporous silica nanoparticles as drug delivery systems against melanoma. , 2018, , 437-466.		4
52	Genotoxicity Assessment of Metal-Based Nanocomposites Applied in Drug Delivery. Materials, 2021, 14, 6551.	2.9	4
53	Basal Cell Carcinoma: Pathology, Current Clinical Treatment, and Potential Use of Lipid Nanoparticles. Cancers, 2022, 14, 2778.	3.7	4
54	Lipid-Drug Conjugates and Nanoparticles for the Cutaneous Delivery of Cannabidiol. International Journal of Molecular Sciences, 2022, 23, 6165.	4.1	3

#	Article	IF	CITATIONS
55	Two- and Three-Dimensional Spectrofluorimetric Qualitative Analysis of Selected Vegetable Oils for Biomedical Applications. Molecules, 2020, 25, 5608.	3.8	1
56	Combination drug delivery system to enhance the transdermal drug delivery of bioactive molecules. , 2022, , 65-80.		1
57	Metabolic link between obesity and autoimmune diseases. European Cytokine Network, 2021, 32, 64-72.	2.0	1
58	In Vitro Methodologies for Toxicological Assessment of Drug Delivery Nanocarriers. Environmental Chemistry for A Sustainable World, 2021, , 203-227.	0.5	0
59	Metrology and nanometrology at agricultur-al/food/nutraceutical interface: an updated shot. Current Bioactive Compounds, 2022, 18, .	0.5	0