

# Aleksandra Zielińska

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,286  
citations

304368  
22  
h-index

223531  
46  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric Nanoparticles: Production, Characterization, Toxicology and Ecotoxicology. <i>Molecules</i> , 2020, 25, 3731.	1.7	640
2	Nanotoxicology and Nanosafety: Safety-by-Design and Testing at a Glance. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4657.	1.2	114
3	Nanopesticides in Agriculture: Benefits and Challenge in Agricultural Productivity, Toxicological Risks to Human Health and Environment. <i>Toxics</i> , 2021, 9, 131.	1.6	110
4	Abundance of active ingredients in sea-buckthorn oil. <i>Lipids in Health and Disease</i> , 2017, 16, 95.	1.2	105
5	Anti-inflammatory and anti-cancer activity of citral: Optimization of citral-loaded solid lipid nanoparticles (SLN) using experimental factorial design and LUMiSizer®. <i>International Journal of Pharmaceutics</i> , 2018, 553, 428-440.	2.6	92
6	Nanopharmaceutics: Part II—Clinical Trials Legislation and Good Manufacturing Practices (GMP) of Nanotherapeutics in the EU. <i>Pharmaceutics</i> , 2020, 12, 146.	2.0	75
7	Microemulsions and Nanoemulsions in Skin Drug Delivery. <i>Bioengineering</i> , 2022, 9, 158.	1.6	72
8	(+)-Limonene 1,2-Epoxy-Loaded SLNs: Evaluation of Drug Release, Antioxidant Activity, and Cytotoxicity in an HaCaT Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1449.	1.8	62
9	Optimization of linalool-loaded solid lipid nanoparticles using experimental factorial design and long-term stability studies with a new centrifugal sedimentation method. <i>International Journal of Pharmaceutics</i> , 2018, 549, 261-270.	2.6	55
10	Nanopharmaceutics: Part II—Production Scales and Clinically Compliant Production Methods. <i>Nanomaterials</i> , 2020, 10, 455.	1.9	55
11	Properties, Extraction Methods, and Delivery Systems for Curcumin as a Natural Source of Beneficial Health Effects. <i>Medicina (Lithuania)</i> , 2020, 56, 336.	0.8	55
12	Development and Optimization of Alpha-Pinene-Loaded Solid Lipid Nanoparticles (SLN) Using Experimental Factorial Design and Dispersion Analysis. <i>Molecules</i> , 2019, 24, 2683.	1.7	52
13	Loading, release profile and accelerated stability assessment of monoterpenes-loaded solid lipid nanoparticles (SLN). <i>Pharmaceutical Development and Technology</i> , 2020, 25, 832-844.	1.1	52
14	Linseed Essential Oil – Source of Lipids as Active Ingredients for Pharmaceuticals and Nutraceuticals. <i>Current Medicinal Chemistry</i> , 2019, 26, 4537-4558.	1.2	49
15	Uveal melanoma: physiopathology and new in situ-specific therapies. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 84, 15-32.	1.1	48
16	Dual-drugs delivery in solid lipid nanoparticles for the treatment of <i>Candida albicans</i> mycosis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110705.	2.5	45
17	3D printing in the design of pharmaceutical dosage forms. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 1044-1053.	1.1	42
18	Key production parameters for the development of solid lipid nanoparticles by high shear homogenization. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 1181-1185.	1.1	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. <i>Pharmaceutics</i> , 2020, 12, 161.	2.0	36
20	Cannabidiol in Neurological and Neoplastic Diseases: Latest Developments on the Molecular Mechanism of Action. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4294.	1.8	30
21	Elastic and Ultradeformable Liposomes for Transdermal Delivery of Active Pharmaceutical Ingredients (APIs). <i>International Journal of Molecular Sciences</i> , 2021, 22, 9743.	1.8	30
22	Biosynthesis of Silver Nanoparticles Mediated by Entomopathogenic Fungi: Antimicrobial Resistance, Nanopesticides, and Toxicity. <i>Antibiotics</i> , 2021, 10, 852.	1.5	29
23	Endocannabinoid System as a Promising Therapeutic Target in Inflammatory Bowel Disease – A Systematic Review. <i>Frontiers in Immunology</i> , 2021, 12, 790803.	2.2	28
24	Exudative versus Nonexudative Age-Related Macular Degeneration: Physiopathology and Treatment Options. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2592.	1.8	27
25	Is the Retinol-Binding Protein 4 a Possible Risk Factor for Cardiovascular Diseases in Obesity?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5229.	1.8	25
26	Stability determination of the formulations containing hyaluronic acid. <i>International Journal of Cosmetic Science</i> , 2015, 37, 401-407.	1.2	23
27	Encapsulation of Active Pharmaceutical Ingredients in Lipid Micro/Nanoparticles for Oral Administration by Spray-Cooling. <i>Pharmaceutics</i> , 2021, 13, 1186.	2.0	23
28	Development, Cytotoxicity and Eye Irritation Profile of a New Sunscreen Formulation Based on Benzophenone-3-poly( $\mu$ -caprolactone) Nanocapsules. <i>Toxics</i> , 2019, 7, 51.	1.6	20
29	<i>Bacillus thuringiensis</i> : From biopesticides to anticancer agents. <i>Biochimie</i> , 2022, 192, 83-90.	1.3	17
30	In Vitro Characterization, Modelling, and Antioxidant Properties of Polyphenon-60 from Green Tea in Eudragit S100-2 Chitosan Microspheres. <i>Nutrients</i> , 2020, 12, 967.	1.7	16
31	Cancer Nanopharmaceuticals: Physicochemical Characterization and In Vitro/In Vivo Applications. <i>Cancers</i> , 2021, 13, 1896.	1.7	15
32	Lipid Nanomaterials for Targeted Delivery of Dermocosmetic Ingredients: Advances in Photoprotection and Skin Anti-Aging. <i>Nanomaterials</i> , 2022, 12, 377.	1.9	15
33	Quality by Design Approach for the Development of Liposome Carrying Ghrelin for Intranasal Administration. <i>Pharmaceutics</i> , 2021, 13, 686.	2.0	14
34	Hydrogels for Modified-release Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2022, 28, 609-618.	0.9	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 in vitro efficacy. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 539-548.	1.1	13

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37	Lipid-Polymeric Films: Composition, Production and Applications in Wound Healing and Skin Repair. <i>Pharmaceutics</i> , 2021, 13, 1199.	2.0	13
38	Nanopharmaceuticals for Eye Administration: Sterilization, Depyrogenation and Clinical Applications. <i>Biology</i> , 2020, 9, 336.	1.3	11
39	Primary Humoral Immune Deficiencies: Overlooked Mimickers of Chronic Immune-Mediated Gastrointestinal Diseases in Adults. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5223.	1.8	10
40	How could nanobiotechnology improve treatment outcomes of anti-TNF- $\alpha$ therapy in inflammatory bowel disease? Current knowledge, future directions. <i>Journal of Nanobiotechnology</i> , 2021, 19, 346.	4.2	10
41	Non-melanoma skin cancers: physio-pathology and role of lipid delivery systems in new chemotherapeutic treatments. <i>Neoplasia</i> , 2022, 30, 100810.	2.3	10
42	Cachexia: Pathophysiology and Ghrelin Liposomes for Nose-to-Brain Delivery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5974.	1.8	9
43	Antimycotic nail polish based on humic acid-coated silver nanoparticles for onychomycosis. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 2208-2218.	1.6	9
44	Development, in vitro release and in vivo bioavailability of sustained release nateglinide tablets. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101355.	1.4	8
45	Lipid Nanocarriers for Hyperproliferative Skin Diseases. <i>Cancers</i> , 2021, 13, 5619.	1.7	8
46	Cytotoxicity of Thiopurine Drugs in Patients with Inflammatory Bowel Disease. <i>Toxics</i> , 2022, 10, 151.	1.6	8
47	Obesity and the Brain. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6145.	1.8	8
48	<i>Citrus sinensis</i> Essential Oil-Based Microemulsions: Green Synthesis, Characterization, and Antibacterial and Larvicide Activities. <i>ACS Food Science &amp; Technology</i> , 2021, 1, 462-469.	1.3	6
49	Chemical and Physical Properties of Meadowfoam Seed Oil and Extra Virgin Olive Oil: Focus on Vibrational Spectroscopy. <i>Journal of Spectroscopy</i> , 2020, 2020, 1-9.	0.6	5
50	Rutin-Functionalized Multi-Walled Carbon Nanotubes: Molecular Docking, Physicochemistry and Cytotoxicity in Fibroblasts. <i>Toxics</i> , 2021, 9, 173.	1.6	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. <i>Materials</i> , 2021, 14, 6551.	1.3	4
53	Basal Cell Carcinoma: Pathology, Current Clinical Treatment, and Potential Use of Lipid Nanoparticles. <i>Cancers</i> , 2022, 14, 2778.	1.7	4
54	Lipid-Drug Conjugates and Nanoparticles for the Cutaneous Delivery of Cannabidiol. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6165.	1.8	3

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55	Two- and Three-Dimensional Spectrofluorimetric Qualitative Analysis of Selected Vegetable Oils for Biomedical Applications. <i>Molecules</i> , 2020, 25, 5608.	1.7	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. <i>European Cytokine Network</i> , 2021, 32, 64-72.	1.1	1
58	In Vitro Methodologies for Toxicological Assessment of Drug Delivery Nanocarriers. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 203-227.	0.3	0
59	Metrology and nanometrology at agricultural/food/nutraceutical interface: an updated shot. <i>Current Bioactive Compounds</i> , 2022, 18, .	0.2	0