

# Iulia Pinzaru

## List of Publications by Year in descending order

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57  
papers

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citations

516215

16  
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476904

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times ranked

1495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant-Derived Anticancer Compounds as New Perspectives in Drug Discovery and Alternative Therapy. <i>Molecules</i> , 2021, 26, 1109.	1.7	137
2	Stable PEG-coated silver nanoparticles – A comprehensive toxicological profile. <i>Food and Chemical Toxicology</i> , 2018, 111, 546-556.	1.8	113
3	Biocompatible Colloidal Suspensions Based on Magnetic Iron Oxide Nanoparticles: Synthesis, Characterization and Toxicological Profile. <i>Frontiers in Pharmacology</i> , 2017, 8, 154.	1.6	70
4	Cutaneous Melanoma – A Long Road from Experimental Models to Clinical Outcome: A Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1566.	1.8	67
5	&lt;p&gt;Thermosensitive Betulinic Acid-Loaded Magnetoliposomes: A Promising Antitumor Potential for Highly Aggressive Human Breast Adenocarcinoma Cells Under Hyperthermic Conditions&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8175-8200.	3.3	43
6	Standardization of A375 human melanoma models on chicken embryo chorioallantoic membrane and Balb/c nude mice. <i>Oncology Reports</i> , 2017, 38, 89-99.	1.2	39
7	SARS-CoV-2: Repurposed Drugs and Novel Therapeutic Approaches – Insights into Chemical Structure – Biological Activity and Toxicological Screening. <i>Journal of Clinical Medicine</i> , 2020, 9, 2084.	1.0	38
8	Elemental Characterization of Romanian Crop Medicinal Plants by Neutron Activation Analysis. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-12.	0.7	24
9	Assessment of Betulinic Acid Cytotoxicity and Mitochondrial Metabolism Impairment in a Human Melanoma Cell Line. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4870.	1.8	24
10	Melanin and Melanin-Functionalized Nanoparticles as Promising Tools in Cancer Research – A Review. <i>Cancers</i> , 2022, 14, 1838.	1.7	23
11	Betulin silver nanoparticles qualify as efficient antimelanoma agents in in vitro and in vivo studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 134, 1-19.	2.0	22
12	High Concentrations of Aspartame Induce Pro-Angiogenic Effects in Ovo and Cytotoxic Effects in HT-29 Human Colorectal Carcinoma Cells. <i>Nutrients</i> , 2020, 12, 3600.	1.7	21
13	Anti-proliferative and antibacterial <i>in vitro</i> evaluation of the polyurethane nanostructures incorporating pentacyclic triterpenes. <i>Pharmaceutical Biology</i> , 2016, 54, 2714-2722.	1.3	18
14	Proniosomal Gel for Topical Delivery of Rutin: Preparation, Physicochemical Characterization and In Vitro Toxicological Profile Using 3D Reconstructed Human Epidermis Tissue and 2D Cells. <i>Antioxidants</i> , 2021, 10, 85.	2.2	18
15	Physico-chemical and Biological Evaluation of Flavonols: Fisetin, Quercetin and Kaempferol Alone and Incorporated in beta Cyclodextrins. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 615-626.	0.9	18
16	Assessment of the Antiangiogenic and Anti-Inflammatory Properties of a Maslinic Acid Derivative and its Potentiation using Zinc Chloride. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2828.	1.8	17
17	Classification of cancer cell lines using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and statistical analysis. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1096-1104.	1.8	16
18	Ethinylestradiol and Levonorgestrel as Active Agents in Normal Skin, and Pathological Conditions Induced by UVB Exposure: In Vitro and In Ovo Assessments. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3600.	1.8	16

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19	Two Antibiotics, Ampicillin and Tetracycline, Exert Different Effects in HT-29 Colorectal Adenocarcinoma Cells in Terms of Cell Viability and Migration Capacity. <i>Current Oncology</i> , 2021, 28, 2466-2480.	0.9	16
20	A comparative study on the biological activity of essential oil and total hydro-alcoholic extract of <i>Satureja hortensis</i> L.. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 932-942.	0.8	14
21	Nanocarriers as Tools in Delivering Active Compounds for Immune System Related Pathologies. <i>Recent Patents on Nanotechnology</i> , 2016, 10, 128-145.	0.7	13
22	Rutin Exerts Cytotoxic and Senescence-Inducing Properties in Human Melanoma Cells. <i>Toxics</i> , 2021, 9, 226.	1.6	13
23	Methotrexate and Cetuximab's Biological Impact on Non-Tumorigenic Models: In Vitro and In Ovo Assessments. <i>Medicina (Lithuania)</i> , 2022, 58, 167.	0.8	13
24	Integrating Ethnobotany, Phytochemistry, and Pharmacology of <i>Cotinus coggygria</i> and <i>Toxicodendron vernicifluum</i> : What Predictions can be Made for the European Smoketree?. <i>Frontiers in Pharmacology</i> , 2021, 12, 662852.	1.6	12
25	Germinated and Ungerminated Seeds Extract from Two <i>Lupinus</i> Species: Biological Compounds Characterization and In Vitro and In Vivo Evaluations. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-8.	0.5	11
26	Sex differences and pathology status correlated to the toxicity of some common carcinogens in experimental skin carcinoma. <i>Food and Chemical Toxicology</i> , 2016, 95, 149-158.	1.8	11
27	In Vitro Pharmacotoxicological Characterization of <i>Melissa officinalis</i> Total Extract Using Oral, Pharynx and Colorectal Carcinoma Cell Lines. <i>Processes</i> , 2021, 9, 850.	1.3	11
28	A systematic review and meta-analysis of clinical trials investigating the effects of flaxseed supplementation on plasma C-reactive protein concentrations. <i>Archives of Medical Science</i> , 2019, 15, 12-22.	0.4	10
29	Controlled Synthesis and Characterization of Micrometric Single Crystalline Magnetite With Superparamagnetic Behavior and Cytocompatibility/Cytotoxicity Assessments. <i>Frontiers in Pharmacology</i> , 2020, 11, 410.	1.6	10
30	Vegetal Compounds as Sources of Prophylactic and Therapeutic Agents in Dentistry. <i>Plants</i> , 2021, 10, 2148.	1.6	10
31	Preclinical Aspects on Magnetic Iron Oxide Nanoparticles and Their Interventions as Anticancer Agents: Enucleation, Apoptosis and Other Mechanism. , 2018, , .		8
32	Silver-, gold-, and iron-based metallic nanoparticles. , 2018, , 161-242.		8
33	Mistletoe and Garlic Extracts as Polyurethane Carriers – A Possible Remedy for Choroidal Melanoma. <i>Current Drug Delivery</i> , 2017, 14, 1178-1188.	0.8	8
34	Silver Nanocolloids Loaded with Betulinic Acid with Enhanced Antitumor Potential: Physicochemical Characterization and In Vitro Evaluation. <i>Nanomaterials</i> , 2021, 11, 152.	1.9	7
35	Comparative Characterization of Birch Bark Extracts Encapsulated Inside Polyurethane Microstructures. <i>Materiale Plastice</i> , 2018, 55, 385-388.	0.4	5
36	Soil copper uptake by land snails: A semi-field experiment with juvenile <i>Cantareus aspersus</i> snails. <i>Environmental Toxicology and Pharmacology</i> , 2019, 72, 103243.	2.0	4

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37	Correlations on Phenolic Screening Related to In Vitro and In Ovo Assessment of Ocimum basilicum L. Hydro-Alcoholic Extracts Used as Skin Active Ingredient. <i>Molecules</i> , 2020, 25, 5442.	1.7	4
38	Obtaining and Characterization of a Polyurethane Carrier Used for Eugenol as a Possible Remedy in Oral Therapies. <i>Materiale Plastice</i> , 2018, 55, 9-13.	0.4	4
39	THYMUS VULGARIS EXTRACT FORMULATED AS CYCLODEXTRIN COMPLEXES: SYNTHESIS, CHARACTERIZATION, ANTIOXIDANT ACTIVITY AND IN VITRO CYTOTOXICITY ASSESSMENT. <i>Farmacia</i> , 2019, 67, 442-451.	0.1	4
40	The Biological Effects of Ozone Gas on Soft and Hard Dental Tissues and the Impact on Human Gingival Fibroblasts and Gingival Keratinocytes. <i>Processes</i> , 2021, 9, 1978.	1.3	4
41	Investigation of Lupeol as Anti-Melanoma Agent: An In Vitro-In Ovo Perspective. <i>Current Oncology</i> , 2021, 28, 5054-5066.	0.9	4
42	Preliminary In Vitro Evaluation of Genistein Chemopreventive Capacity as a Result of Esterification and Cyclodextrin Encapsulation. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-8.	0.7	3
43	Space Maintainers Used in Pediatric Dentistry: An Insight of Their Biosecurity Profile by Applying In Vitro Methods. <i>Materials</i> , 2021, 14, 6215.	1.3	3
44	Comparative Evaluation of the Potential Antitumor of <i>Helleborus purpurascens</i> in Skin and Breast Cancer. <i>Plants</i> , 2022, 11, 194.	1.6	3
45	Phytochemical Analysis and In Vitro Cytotoxic Activity against Colorectal Adenocarcinoma Cells of <i>Hippophae rhamnoides</i> L., <i>Cymbopogon citratus</i> (D.C.) Stapf, and <i>Ocimum basilicum</i> L. <i>Essential Oils. Plants</i> , 2021, 10, 2752.	1.6	3
46	Melanin Quantification by Chemical Methods in Healthy and Melanoma Cell Lines Correlated with the Importance in the Development of Melanoma. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 430-437.	0.2	2
47	Skin Specific Cells and UVB Damage An experimental assessment. <i>Revista De Chimie (discontinued)</i> , 2017, 68, 1229-1233.	0.2	2
48	Chemical Composition and Biological Activity of Birch Bark Extracts on Human and Murine Healthy/Melanoma Cell Lines. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 1907-1910.	0.2	2
49	Toxicological Profile of Biological Environment of Two Elastodontic Devices. <i>Processes</i> , 2021, 9, 2116.	1.3	2
50	In Vitro and In Ovo Assessment of Betulinic Acid Antimelanoma Effect. <i>Timisoara Medical Journal</i> , 2020, 2020, 1.	0.1	2
51	Biophysical Assessment and Impact of Catalyst on the Properties of Polyurethane Drug Carriers. <i>Materiale Plastice</i> , 2018, 55, 91-94.	0.4	1
52	In Vitro Toxicological Profile of Labetalol-Folic Acid/Folate Co-Administration in H9c2(2-1) and HepaRG Cells. <i>Medicina (Lithuania)</i> , 2022, 58, 784.	0.8	1
53	Evaluation of eugenol polyurethane nanostructures toxicological statement. <i>Toxicology Letters</i> , 2017, 280, S271.	0.4	0
54	In vitro anti-proliferative and antimetastatic effects of lupan pentacyclic triterpenes. <i>Toxicology Letters</i> , 2017, 280, S273.	0.4	0

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55	Hormone treatment and UVB exposure influences on female mice regarding skin physiological parameters, biochemical parameters and organ histology. Romanian Journal of Morphology and Embryology, 2021, 61, 879-887.	0.4	0
56	Lymphatic Network in Cancer and Some Chemical Observations. Revista De Chimie (discontinued), 2017, 68, 1602-1606.	0.2	0
57	Drug Delivery Systems for Lymphatic Uptake. Revista De Chimie (discontinued), 2018, 68, 2902-2906.	0.2	0