

Gabriela Adriana Filip

List of Publications by Year in descending order

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102
papers

2,370
citations

186209

28
h-index

265120

42
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103
all docs

103
docs citations

103
times ranked

3872
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis, characterization and anti-inflammatory activity of silver nanoparticles using European black elderberry fruits extract. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 767-777.	2.5	176
2	A green approach to phytomediated synthesis of silver nanoparticles using <i>Sambucus nigra</i> L. fruits extract and their antioxidant activity. <i>Journal of Molecular Liquids</i> , 2016, 221, 271-278.	2.3	110
3	In vitro and in vivo anti-inflammatory properties of green synthesized silver nanoparticles using <i>Viburnum opulus</i> L. fruits extract. <i>Materials Science and Engineering C</i> , 2017, 79, 720-727.	3.8	80
4	Antioxidant activity of Cornelian cherry (<i>Cornus mas</i> L.) fruits extract and the in vivo evaluation of its anti-inflammatory effects. <i>Journal of Functional Foods</i> , 2016, 26, 77-87.	1.6	75
5	Silymarin Inhibits the Progression of Fibrosis in the Early Stages of Liver Injury in CCl ₄ -Treated Rats. <i>Journal of Medicinal Food</i> , 2015, 18, 290-298.	0.8	71
6	UV-light mediated green synthesis of silver and gold nanoparticles using Cornelian cherry fruit extract and their comparative effects in experimental inflammation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 191, 26-37.	1.7	68
7	The effect of <i>Sambucus nigra</i> L. extract and phytosynthesized gold nanoparticles on diabetic rats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 192-200.	2.5	65
8	Flexural strength, biocompatibility, and antimicrobial activity of a polymethyl methacrylate denture resin enhanced with graphene and silver nanoparticles. <i>Clinical Oral Investigations</i> , 2020, 24, 2713-2725.	1.4	58
9	The anti-inflammatory role of SSRI and SNRI in the treatment of depression: a review of human and rodent research studies. <i>Inflammopharmacology</i> , 2021, 29, 75-90.	1.9	56
10	Effects of In Vitro Gastrointestinal Digestion on the Antioxidant Capacity and Anthocyanin Content of Cornelian Cherry Fruit Extract. <i>Antioxidants</i> , 2019, 8, 114.	2.2	53
11	Cytotoxicity assessment of graphene-based nanomaterials on human dental follicle stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 791-798.	2.5	51
12	Topical silver and gold nanoparticles complexed with <i>Cornus mas</i> suppress inflammation in human psoriasis plaques by inhibiting $\text{NF-}\kappa\text{B}$ activity. <i>Experimental Dermatology</i> , 2018, 27, 1166-1169.	1.4	51
13	The effects of grape seeds polyphenols on SKH-1 mice skin irradiated with multiple doses of UV-B. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011, 105, 133-142.	1.7	48
14	COX-2 as a potential biomarker and therapeutic target in melanoma. <i>Cancer Biology and Medicine</i> , 2020, 17, 20-31.	1.4	47
15	Beneficial Effects of Silymarin After the Discontinuation of CCl ₄ -Induced Liver Fibrosis. <i>Journal of Medicinal Food</i> , 2016, 19, 789-797.	0.8	42
16	Photoprotective Effects of Two Natural Products on Ultraviolet B-Induced Oxidative Stress and Apoptosis in SKH-1 Mouse Skin. <i>Journal of Medicinal Food</i> , 2011, 14, 761-766.	0.8	39
17	Photoprotective effects of Romanian propolis on skin of mice exposed to UVB irradiation. <i>Food and Chemical Toxicology</i> , 2013, 62, 329-342.	1.8	38
18	<i>Equisetum arvense</i> L. Extract Induces Antibacterial Activity and Modulates Oxidative Stress, Inflammation, and Apoptosis in Endothelial Vascular Cells Exposed to Hyperosmotic Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	1.9	38

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19	Grape seed extract as photochemopreventive agent against UVB-induced skin cancer. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 118, 16-21.	1.7	37
20	Photodynamic Therapy in Melanoma - Where do we Stand?. <i>Current Medicinal Chemistry</i> , 2019, 25, 5540-5563.	1.2	37
21	Transient oxidative stress and inflammation after intraperitoneal administration of multiwalled carbon nanotubes functionalized with single strand DNA in rats. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 281-292.	1.3	36
22	Inhibition of UVB-induced skin phototoxicity by a grape seed extract as modulator of nitrosative stress, ERK/NF- κ B signaling pathway and apoptosis, in SKH-1 mice. <i>Food and Chemical Toxicology</i> , 2013, 57, 296-306.	1.8	34
23	Effects of different hypoxia degrees on endothelial cell cultures – Time course study. <i>Mechanisms of Ageing and Development</i> , 2018, 172, 45-50.	2.2	34
24	Neutrophil-to-Lymphocyte Ratio, a Novel Inflammatory Marker, as a Predictor of Bipolar Type in Depressed Patients: A Quest for Biological Markers. <i>Journal of Clinical Medicine</i> , 2021, 10, 1924.	1.0	34
25	Hepatoprotective effects of silymarin coated gold nanoparticles in experimental cholestasis. <i>Materials Science and Engineering C</i> , 2020, 115, 111117.	3.8	34
26	Letrozole vs estradiol valerate induced PCOS in rats: glycemic, oxidative and inflammatory status assessment. <i>Reproduction</i> , 2016, 151, 401-409.	1.1	33
27	Efficiency of photodynamic therapy on WM35 melanoma with synthetic porphyrins: Role of chemical structure, intracellular targeting and antioxidant defense. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 151, 142-152.	1.7	31
28	Curcumin Reverses the Diazepam-Induced Cognitive Impairment by Modulation of Oxidative Stress and ERK 1/2/NF- κ B Pathway in Brain. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-16.	1.9	31
29	Ketoconazole-p-aminobenzoic Acid Cocrystal: Revival of an Old Drug by Crystal Engineering. <i>Molecular Pharmaceutics</i> , 2020, 17, 919-932.	2.3	30
30	The effects of silver nanoparticles on behavior, apoptosis and nitro-oxidative stress in offspring Wistar rats. <i>Nanomedicine</i> , 2017, 12, 1455-1473.	1.7	29
31	Modulatory effects of <i>Cornus sanguinea</i> L. mediated green synthesized silver nanoparticles on oxidative stress, COX-2/NOS2 and NF κ B/pNF κ B expressions in experimental inflammation in Wistar rats. <i>Materials Science and Engineering C</i> , 2020, 110, 110709.	3.8	29
32	Cytotoxicity mechanisms of nitrogen-doped graphene obtained by electrochemical exfoliation of graphite rods, on human endothelial and colon cancer cells. <i>Carbon</i> , 2020, 158, 267-281.	5.4	28
33	The dynamics of reactive oxygen species in photodynamic therapy with tetra sulfophenyl-porphyrin. <i>Acta Physiologica Hungarica</i> , 2010, 97, 41-51.	0.9	26
34	The effects of chitosan and low dose dexamethasone on extrahepatic cholestasis after bile duct ligation in Wistar rats. <i>Acta Physiologica Hungarica</i> , 2012, 99, 61-73.	0.9	26
35	Biphasic pro-melanogenic and pro-apoptotic effects of all-trans-retinoic acid (ATRA) on human melanocytes: Time-course study. <i>Journal of Dermatological Science</i> , 2013, 72, 168-176.	1.0	26
36	New nanomaterials for the improvement of psoriatic lesions. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3152.	2.9	26

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37	Escitalopram Targets Oxidative Stress, Caspase-3, BDNF and MeCP2 in the Hippocampus and Frontal Cortex of a Rat Model of Depression Induced by Chronic Unpredictable Mild Stress. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7483.	1.8	26
38	Combined regimen of photodynamic therapy mediated by Gallium phthalocyanine chloride and Metformin enhances anti-melanoma efficacy. <i>PLoS ONE</i> , 2017, 12, e0173241.	1.1	26
39	Effects of silver and gold nanoparticles phytosynthesized with <i>Cornus mas</i> extract on oral dysplastic human cells. <i>Nanomedicine</i> , 2020, 15, 55-75.	1.7	25
40	Effects of silver nanoparticles functionalized with <i>Cornus mas</i> L. extract on architecture and apoptosis in rat testicle. <i>Nanomedicine</i> , 2019, 14, 275-299.	1.7	24
41	Comparative evaluation by scanning confocal Raman spectroscopy and transmission electron microscopy of therapeutic effects of noble metal nanoparticles in experimental acute inflammation. <i>RSC Advances</i> , 2015, 5, 67435-67448.	1.7	22
42	Metformin associated with photodynamic therapy – A novel oncological direction. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 80-91.	1.7	21
43	Targeting Oxidative Stress Reduction and Inhibition of HDAC1, MECP2, and NF- κ B Pathways in Rats With Experimentally Induced Hyperglycemia by Administration of <i>Thymus marshallianus</i> Willd. Extracts. <i>Frontiers in Pharmacology</i> , 2020, 11, 581470.	1.6	21
44	Melanogenesis and DNA damage following photodynamic therapy in melanoma with two meso-substituted porphyrins. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 402-410.	1.7	18
45	Toxicity and efficiency study of plant extracts-based bleaching agents. <i>Clinical Oral Investigations</i> , 2017, 21, 1315-1326.	1.4	17
46	In vitro studies on the mechanisms involved in chemoprevention using <i>Calluna vulgaris</i> on vascular endothelial cells exposed to UVB. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 136, 54-61.	1.7	16
47	Periodontal disease may induce liver fibrosis in an experimental study on Wistar rats. <i>Journal of Periodontology</i> , 2019, 90, 911-919.	1.7	16
48	Biosynthesis of silver nanoparticles using <i>Sambucus nigra</i> L. fruit extract for targeting cell death in oral dysplastic cells. <i>Materials Science and Engineering C</i> , 2021, 123, 111974.	3.8	16
49	Modulatory effects of caffeine on oxidative stress and anxiety-like behavior in ovariectomized rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 961-972.	0.7	15
50	Photodynamic therapy of melanoma using new, synthetic porphyrins and phthalocyanines as photosensitisers - a comparative study. <i>Medicine and Pharmacy Reports</i> , 2015, 88, 175-180.	0.2	14
51	Spirolactone and Dimethylsulfoxide Effect on Glucose Metabolism and Oxidative Stress Markers in Polycystic Ovarian Syndrome Rat Model. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2014, 122, 154-162.	0.6	13
52	Short-term splenic impact of single-strand DNA functionalized multi-walled carbon nanotubes intraperitoneally injected in rats. <i>Journal of Applied Toxicology</i> , 2014, 34, 332-344.	1.4	13
53	Current position of TNF- α in melanomagenesis. <i>Tumor Biology</i> , 2015, 36, 6589-6602.	0.8	13
54	The impact of silver nanoparticles phytosynthesized with <i>Viburnum opulus</i> L. extract on the ultrastructure and cell death in the testis of offspring rats. <i>Food and Chemical Toxicology</i> , 2021, 150, 112053.	1.8	13

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55	Comparative Study of the Pharmacological Properties and Biological Effects of Polygonum aviculare L. herba Extract-Entrapped Liposomes versus Quercetin-Entrapped Liposomes on Doxorubicin-Induced Toxicity on HUVECs. <i>Pharmaceutics</i> , 2021, 13, 1418.	2.0	13
56	Blood oxidative stress generation after intraperitoneal administration of functionalized single-walled carbon nanotubes in rats. <i>Acta Physiologica Hungarica</i> , 2011, 98, 231-241.	0.9	12
57	Non-invasive oxidative stress markers for liver fibrosis development in the evolution of toxic hepatitis. <i>Acta Physiologica Hungarica</i> , 2011, 98, 195-204.	0.9	12
58	Development of a novel biomaterial with an important osteoinductive capacity for hard tissue engineering. <i>Tissue and Cell</i> , 2018, 52, 101-107.	1.0	12
59	From the heart to the bladder—particularities of ventricular shunt topography and the current status of cerebrospinal fluid diversion sites. <i>Neurosurgical Review</i> , 2020, 43, 847-860.	1.2	12
60	Immunological signature of chronic spontaneous urticaria (Review). <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 381.	0.8	12
61	Possible in vivo mechanisms involved in photodynamic therapy using tetrapyrrolic macrocycles. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 53-61.	0.7	11
62	Photochemoprotective Effect of Calluna vulgaris Extract on Skin Exposed to Multiple Doses of Ultraviolet B in SKH-1 Hairless Mice. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2012, 31, 233-243.	0.6	11
63	Physalis alkekengi L. Extract Reduces the Oxidative Stress, Inflammation and Apoptosis in Endothelial Vascular Cells Exposed to Hyperglycemia. <i>Molecules</i> , 2020, 25, 3747.	1.7	11
64	Solid Lipid Nanoparticles: Vital Characteristics and Prospective Applications in Cancer Treatment. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2019, 36, 537-581.	1.2	11
65	Photoprotective Effect of Calluna vulgaris Extract Against UVB-Induced Phototoxicity in Human Immortalized Keratinocytes. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2011, 30, 323-331.	0.6	11
66	Characterization and biological effects of Hypericum extracts on experimentally-induced - anxiety, oxidative stress and inflammation in rats. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, .	1.1	11
67	The effect of Tropaeolum majus L. on bacterial infections and in vitro efficacy on apoptosis and DNA lesions in hyperosmotic stress. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, .	1.1	10
68	Modulation of Doxorubicin-Induced Oxidative Stress by a Grape (Vitis viniferaL.) Seed Extract in Normal and Tumor Cells. <i>Journal of Medicinal Food</i> , 2012, 15, 639-645.	0.8	9
69	Electrochemical oxidation of adenine using platinum electrodes modified with carbon nanotubes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2014, 59, 181-185.	1.3	9
70	The effect of TSPP-mediated photodynamic therapy and Parecoxib in experimental tumours. <i>Life Sciences</i> , 2014, 117, 75-83.	2.0	9
71	Influence of mitochondrial and systemic iron levels in heart failure pathology. <i>Heart Failure Reviews</i> , 2019, 24, 647-659.	1.7	9
72	Neurobehavioral and Ultrastructural Changes Induced by Phytosynthesized Silver-Nanoparticle Toxicity in an In Vivo Rat Model. <i>Nanomaterials</i> , 2022, 12, 58.	1.9	9

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73	Application of Fuzzy Logic in Oral Cancer Risk Assessment. Iranian Journal of Public Health, 2017, 46, 612-619.	0.3	8
74	Natural chemopreventive alternatives in oral cancer chemoprevention. Journal of Physiology and Pharmacology, 2016, 67, 161-72.	1.1	8
75	Oxidative stress effects of fullerene-porphyrin derivatives in photodynamic therapy. Journal of Porphyrins and Phthalocyanines, 2012, 16, 870-877.	0.4	7
76	The Modulatory Effect of Metformin on Ethanol-Induced Anxiety, Redox Imbalance, and Extracellular Matrix Levels in the Brains of Wistar Rats. Journal of Molecular Neuroscience, 2020, 70, 1943-1961.	1.1	7
77	A Phytocomplex Consisting of Tropaeolum majus L. and Salvia officinalis L. Extracts Alleviates the Inflammatory Response of Dermal Fibroblasts to Bacterial Lipopolysaccharides. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	7
78	Celecoxib as a Valuable Adjuvant in Cutaneous Melanoma Treated with Trametinib. International Journal of Molecular Sciences, 2021, 22, 4387.	1.8	7
79	Polymorphisms of Vitamin D Receptor and the Effect on Metabolic and Endocrine Abnormalities in Polycystic Ovary Syndrome: A Review. Hormone and Metabolic Research, 2021, 53, 645-653.	0.7	7
80	Studies on antioxidant effects of the red grapes seed extract from Vitis Vinifera, Burgund Mare, Reca in pregnant rats. Acta Physiologica Hungarica, 2010, 97, 240-246.	0.9	6
81	Resveratrol and curcumin as protective agents in an experimental rat model of intestinal ischemia and reperfusion. Canadian Journal of Physiology and Pharmacology, 2016, 94, 1151-1158.	0.7	6
82	Synthesis, characterization, and cytotoxicity evaluation of high-magnetization multifunctional nanoclusters. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	6
83	The impact of Sambucus nigra L. extract on inflammation, oxidative stress and tissue remodeling in a rat model of lipopolysaccharide-induced subacute rhinosinusitis. Inflammopharmacology, 2021, 29, 753-769.	1.9	6
84	Design, in vitro bioactivity and in vivo influence on oxidative stress and matrix metalloproteinases of bioglasses in experimental skin wound. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126846.	1.5	6
85	Neurosurgical cadaveric and in vivo large animal training models for cranial and spinal approaches and techniques – a systematic review of the current literature. Neurologia I Neurochirurgia Polska, 2019, 53, 8-17.	0.6	6
86	Gold nanoparticles phyto-reduced with Cornus mas extract mitigate some of gliadin effects on Caco-2 cells. Journal of Physiology and Pharmacology, 2020, 71, .	1.1	5
87	Grape Seed Extract Effects in Brain After Hypobaric Hypoxia. Journal of Medicinal Food, 2013, 16, 831-838.	0.8	4
88	The in vivo modulatory effects of Cornus mas extract on photodynamic therapy in experimental tumors. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101656.	1.3	4
89	In vivo silymarin's antioxidant and anti-apoptotic effects on photodynamic therapy's responsiveness. Journal of Porphyrins and Phthalocyanines, 2017, 21, 189-197.	0.4	3
90	Resveratrol and Loratadine Effects on Oxidative Stress Induced by Experimental Inflammation. Studia Universitatis Babeş-Bolyai Chemia, 2017, 62, 89-100.	0.1	3

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91	Expression of Selected Genes and Circulating microRNAs in Patients with Celiac Disease. <i>Medicina (Lithuania)</i> , 2022, 58, 180.	0.8	3
92	Photodynamic therapy—indications and limits in malignant tumors treatment. <i>Romanian Journal of Internal Medicine</i> , 2008, 46, 285-93.	0.4	3
93	<i>Viburnum opulus</i> fruit extract-capped gold nanoparticles attenuated oxidative stress and acute inflammation in carrageenan-induced paw edema model. <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 320-336.	2.1	3
94	Oxidative Stress and DNA Lesion Reduction of a Polyphenolic Enriched Extract of <i>Thymus marschallianus</i> Willd. in Endothelial Vascular Cells Exposed to Hyperglycemia. <i>Plants</i> , 2021, 10, 2810.	1.6	2
95	VITIS VINIFERA L. AND SAMBUCUS NIGRA L. EXTRACTS ATTENUATE OXIDATIVE STRESS AND INFLAMMATION IN FEMORAL ISCHEMIA. <i>Farmacia</i> , 2021, 69, 59-67.	0.1	1
96	Experimental cerebral hemispherectomy in rodent models. A systematic review of current literature. <i>Acta Neurobiologiae Experimentalis</i> , 2018, 78, 14-20.	0.4	1
97	Quercetin attenuates naso-sinusal inflammation and inflammatory response in lungs and brain on an experimental model of acute rhinosinusitis in rats. <i>Journal of Physiology and Pharmacology</i> , 2020, 71, .	1.1	1
98	103 Experimental assessment of photodynamic therapy with 5,10,15,20-tetrakis-(methoxyphenyl)-porphyrins in rat walker tumor. <i>Cytokine</i> , 2008, 43, 260.	1.4	0
99	Testing endodontic sealers on human umbilical vein endothelial cells. <i>Open Medicine (Poland)</i> , 2013, 8, 523-529.	0.6	0
100	Ketoconazole-p aminobenzoic cocrystal, an improved antimycotic drug formulation, does not induce skin sensitization on the skin of BALBc mice. <i>Inflammopharmacology</i> , 2021, 29, 721-733.	1.9	0
101	Experimental cerebral hemispherectomy in rodent models. A systematic review of current literature. <i>Acta Neurobiologiae Experimentalis</i> , 2018, 78, 14-20.	0.4	0
102	Navigating through the Lipid Metabolism Maze: Diagnosis and Prognosis Metabolites of Hepatocellular Carcinoma versus Compensated Cirrhosis. <i>Journal of Clinical Medicine</i> , 2022, 11, 1292.	1.0	0