

# Ioana Baldea

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,151  
citations

304743

22  
h-index

434195

31  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2007  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.3	80
2	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.	3.8	68
3	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.	3.0	58
4	Cytotoxicity assessment of graphene-based nanomaterials on human dental follicle stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 791-798.	5.0	51
5	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.	3.8	48
6	The Influence of Graphene in Improvement of Physico-Mechanical Properties in PMMA Denture Base Resins. <i>Materials</i> , 2019, 12, 2335.	2.9	47
7	COX-2 as a potential biomarker and therapeutic target in melanoma. <i>Cancer Biology and Medicine</i> , 2020, 17, 20-31.	3.0	47
8	<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.	4.0	38
9	Photodynamic Therapy in Melanoma - Where do we Stand?. <i>Current Medicinal Chemistry</i> , 2019, 25, 5540-5563.	2.4	37
10	Effects of different hypoxia degrees on endothelial cell cultures – Time course study. <i>Mechanisms of Ageing and Development</i> , 2018, 172, 45-50.	4.6	34
11	Hepatoprotective effects of silymarin coated gold nanoparticles in experimental cholestasis. <i>Materials Science and Engineering C</i> , 2020, 115, 111117.	7.3	34
12	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.	3.8	31
13	Curcumin Reverses the Diazepam-Induced Cognitive Impairment by Modulation of Oxidative Stress and ERK 1/2/NF- $\kappa$ B Pathway in Brain. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-16.	4.0	31
14	Ketoconazole- <i>p</i> -aminobenzoic Acid Cocrystal: Revival of an Old Drug by Crystal Engineering. <i>Molecular Pharmaceutics</i> , 2020, 17, 919-932.	4.6	30
15	The effects of silver nanoparticles on behavior, apoptosis and nitro-oxidative stress in offspring Wistar rats. <i>Nanomedicine</i> , 2017, 12, 1455-1473.	3.3	29
16	Modulatory effects of <i>Cornus sanguinea</i> L. mediated green synthesized silver nanoparticles on oxidative stress, COX-2/NOS2 and NF $\kappa$ B/pNF $\kappa$ B expressions in experimental inflammation in Wistar rats. <i>Materials Science and Engineering C</i> , 2020, 110, 110709.	7.3	29
17	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.	10.3	28
18	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.	1.9	26

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19	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.	4.1	26
20	Combined regimen of photodynamic therapy mediated by Gallium phthalocyanine chloride and Metformin enhances anti-melanoma efficacy. <i>PLoS ONE</i> , 2017, 12, e0173241.	2.5	26
21	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.	3.3	25
22	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.	3.3	24
23	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.	3.6	22
24	A Novel Thiazolyl Schiff Base: Antibacterial and Antifungal Effects and <i>In Vitro</i> Oxidative Stress Modulation on Human Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	21
25	Targeting Oxidative Stress Reduction and Inhibition of HDAC1, MECP2, and NF- $\kappa$ 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.	3.5	21
26	Photodamaging effects of porphyrins and chitosan on primary human keratinocytes and carcinoma cell cultures. <i>International Journal of Dermatology</i> , 2011, 50, 280-286.	1.0	19
27	New Pre-reacted Glass Containing Dental Composites (giomers) with Improved Fluoride Release and Biocompatibility. <i>Materials</i> , 2019, 12, 4021.	2.9	19
28	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.	3.8	18
29	Toxicity and efficiency study of plant extracts-based bleaching agents. <i>Clinical Oral Investigations</i> , 2017, 21, 1315-1326.	3.0	17
30	Evaluation of the Biocompatibility of New Fiber-Reinforced Composite Materials for Craniofacial Bone Reconstruction. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 1694-1699.	0.7	16
31	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.	7.3	16
32	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.	0.4	14
33	Assessment and Characterization of Some New Photosensitizers for Antimicrobial Photodynamic Therapy (aPDT). <i>Materials</i> , 2020, 13, 3012.	2.9	14
34	Current position of TNF- $\alpha$ in melanomagenesis. <i>Tumor Biology</i> , 2015, 36, 6589-6602.	1.8	13
35	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.	3.6	13
36	Comparative Study of the Pharmacological Properties and Biological Effects of <i>Polygonum aviculare</i> L. herba Extract-Entrapped Liposomes versus Quercetin-Entrapped Liposomes on Doxorubicin-Induced Toxicity on HUVECs. <i>Pharmaceutics</i> , 2021, 13, 1418.	4.5	13

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37	Physalis alkekengi L. Extract Reduces the Oxidative Stress, Inflammation and Apoptosis in Endothelial Vascular Cells Exposed to Hyperglycemia. <i>Molecules</i> , 2020, 25, 3747.	3.8	11
38	Association of Graphene Silver Polymethyl Methacrylate (PMMA) with Photodynamic Therapy for Inactivation of Halitosis Responsible Bacteria in Denture Wearers. <i>Nanomaterials</i> , 2021, 11, 1643.	4.1	11
39	The Modulatory Effect of Metformin on Ethanol-Induced Anxiety, Redox Imbalance, and Extracellular Matrix Levels in the Brains of Wistar Rats. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1943-1961.	2.3	7
40	A Phytocomplex Consisting of Tropaeolum majus L. and Salvia officinalis L. Extracts Alleviates the Inflammatory Response of Dermal Fibroblasts to Bacterial Lipopolysaccharides. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	7
41	Celecoxib as a Valuable Adjuvant in Cutaneous Melanoma Treated with Trametinib. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4387.	4.1	7
42	Synthesis, characterization, and cytotoxicity evaluation of high-magnetization multifunctional nanoclusters. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	6
43	Immunological markers as predictors of developing steroid-induced diabetes mellitus in pemphigus vulgaris patients. <i>Medicine (United States)</i> , 2018, 97, e0463.	1.0	4
44	The in vivo modulatory effects of Cornus mas extract on photodynamic therapy in experimental tumors. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101656.	2.6	4
45	Phenytoin induces <i>in vitro</i> melanocyte proliferation. <i>International Journal of Dermatology</i> , 2012, 51, 1379-1384.	1.0	3
46	Resveratrol and Loratadine Effects on Oxidative Stress Induced by Experimental Inflammation. <i>Studia Universitatis Babeş-Bolyai Chemia</i> , 2017, 62, 89-100.	0.2	3
47	In vitro Testing of Experimental and Commercial Bracket Bonding Materials. <i>Materiale Plastice</i> , 2017, 54, 620-625.	0.8	2
48	Oxidative Stress and DNA Lesion Reduction of a Polyphenolic Enriched Extract of Thymus marschallianus Willd. in Endothelial Vascular Cells Exposed to Hyperglycemia. <i>Plants</i> , 2021, 10, 2810.	3.5	2
49	Evaluation of Surface Characteristics and Cytotoxicity of Dental Composites. <i>Coatings</i> , 2020, 10, 749.	2.6	1
50	Ketoconazole-p aminobenzoic cocystal, an improved antimycotic drug formulation, does not induce skin sensitization on the skin of BALBc mice. <i>Inflammopharmacology</i> , 2021, 29, 721-733.	3.9	0