

# Adrian Florea

## List of Publications by Year in descending order

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56  
papers

1,354  
citations

393982

19  
h-index

360668

35  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2574  
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	Electrically Conductive Gold-Coated Collagen Nanofibers for Placental-Derived Mesenchymal Stem Cells Enhanced Differentiation and Proliferation. <i>ACS Nano</i> , 2011, 5, 4490-4503.	7.3	105
3	Doxorubicin-Incorporated Nanotherapeutic Delivery System Based on Gelatin-Coated Gold Nanoparticles: Formulation, Drug Release, and Multimodal Imaging of Cellular Internalization. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22900-22913.	4.0	87
4	The silent healer: miR-205-5p up-regulation inhibits epithelial to mesenchymal transition in colon cancer cells by indirectly up-regulating E-cadherin expression. <i>Cell Death and Disease</i> , 2018, 9, 66.	2.7	78
5	Polyethylene Glycol-Mediated Synthesis of Cubic Iron Oxide Nanoparticles with High Heating Power. <i>Nanoscale Research Letters</i> , 2015, 10, 391.	3.1	68
6	Hyperthermia, Cytotoxicity, and Cellular Uptake Properties of Manganese and Zinc Ferrite Magnetic Nanoparticles Synthesized by a Polyol-Mediated Process. <i>Nanomaterials</i> , 2019, 9, 1489.	1.9	62
7	Size-Dependent Cytotoxicity and Genotoxicity of Silver Nanoparticles in Cochlear Cells <i>In Vitro</i> . <i>Journal of Nanomaterials</i> , 2019, 2019, 1-12.	1.5	61
8	One-Step Synthesis of PEGylated Gold Nanoparticles with Tunable Surface Charge. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-7.	1.5	47
9	Small versus Large Iron Oxide Magnetic Nanoparticles: Hyperthermia and Cell Uptake Properties. <i>Molecules</i> , 2016, 21, 1357.	1.7	46
10	Simultaneous Enantiospecific Recognition of Several $\beta$ -Blocker Enantiomers Using Molecularly Imprinted Polymer-Based Electrochemical Sensor. <i>Analytical Chemistry</i> , 2015, 87, 2755-2763.	3.2	45
11	Reversing chemoresistance of malignant glioma stem cells using gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2013, 8, 689.	3.3	44
12	Antibody Conjugated, Raman Tagged Hollow Gold-Silver Nanospheres for Specific Targeting and Multimodal Dark-Field/SERS/Two Photon-FLIM Imaging of CD19(+) B Lymphoblasts. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 21155-21168.	4.0	41
13	Gold nanoparticles conjugated with cisplatin/doxorubicin/capecitabine lower the chemoresistance of hepatocellular carcinoma-derived cancer cells. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2012, 21, 187-96.	0.5	40
14	Gold nanoparticles enhance the effect of tyrosine kinase inhibitors in acute myeloid leukemia therapy. <i>International Journal of Nanomedicine</i> , 2016, 11, 641.	3.3	34
15	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
16	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
17	<i>Dracaena arborea</i> alleviates ultra-structural spermatogenic alterations in streptozotocin-induced diabetic rats. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 71.	3.7	23
18	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

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19	A new class of pegylated plasmonic liposomes: Synthesis and characterization. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 17-23.	5.0	20
20	CD19-targeted, Raman tagged gold nanourchins as theranostic agents against acute lymphoblastic leukemia. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110478.	2.5	20
21	<i>In Vitro</i> Characterization of Multipotent Mesenchymal Stromal Cells Isolated from Palatal Subepithelial Tissue Grafts. <i>Microscopy and Microanalysis</i> , 2013, 19, 370-380.	0.2	19
22	Gold Nanoparticles Synthesized with a Polyphenols-Rich Extract from Cornelian Cherry ( <i>Cornus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	16
23	Toxicological effects and ultrastructural changes induced by lanthanum and cerium in ovary and uterus of Wistar rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 349-355.	1.5	16
24	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
25	Comparative Assessment of Oral Mesenchymal Stem Cells Isolated from Healthy and Diseased Tissues. <i>Microscopy and Microanalysis</i> , 2015, 21, 1249-1263.	0.2	15
26	Chitosan Functionalized Magnetic Nanoparticles to Provide Neural Regeneration and Recovery after Experimental Model Induced Peripheral Nerve Injury. <i>Biomolecules</i> , 2021, 11, 676.	1.8	15
27	Multistructural biomimetic substrates for controlled cellular differentiation. <i>Nanotechnology</i> , 2014, 25, 065102.	1.3	13
28	Electrochemical platform for the detection of adenosine using a sandwich-structured molecularly imprinted polymer-based sensor. <i>Electrochimica Acta</i> , 2020, 354, 136656.	2.6	13
29	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
30	Bee Venom Induced <i>In Vivo</i> Ultrastructural Reactions of Cells Involved in the Bone Marrow Erythropoiesis and of Circulating Red Blood Cells. <i>Microscopy and Microanalysis</i> , 2013, 19, 393-405.	0.2	12
31	Electrophysiological and Structural Aspects in the Frontal Cortex After the Bee ( <i>Apis mellifera</i> ) Venom Experimental Treatment. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 701-714.	1.7	10
32	Abnormal mitochondrial cristae were experimentally generated by high doses of <i>Apis mellifera</i> venom in the rat adrenal cortex. <i>Micron</i> , 2011, 42, 434-442.	1.1	10
33	Single-Step Synthesis of Gold Nanowires Using Biomolecules as Capping Agent/Template: Applications for Tissue Engineering. <i>Particulate Science and Technology</i> , 2013, 31, 658-662.	1.1	10
34	Ultrastructural Analysis of <i>In Vivo</i> Hypoglycemic Effect of Two Polyoxometalates in Rats with Streptozotocin-Induced Diabetes. <i>Microscopy and Microanalysis</i> , 2015, 21, 1236-1248.	0.2	10
35	New insights into the cellular makeup and progenitor potential of palatal connective tissues. <i>Microscopy Research and Technique</i> , 2017, 80, 1270-1282.	1.2	10
36	Chronic Rhinosinusitis: MALDI-TOF Mass Spectrometry Microbiological Diagnosis and Electron Microscopy Analysis; Experience of the 2nd Otorhinolaryngology Clinic of Cluj-Napoca, Romania. <i>Journal of Clinical Medicine</i> , 2020, 9, 3973.	1.0	10

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37	Silica Coating of Ferromagnetic Iron Oxide Magnetic Nanoparticles Significantly Enhances Their Hyperthermia Performances for Efficiently Inducing Cancer Cells Death In Vitro. <i>Pharmaceutics</i> , 2021, 13, 2026.	2.0	9
38	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
39	Comparative Nuclear Magnetic Resonance Studies of Diffusional Water Permeability of Red Blood Cells from Different Species. XII. Dog ( <i>Canis familiaris</i> ) and Cat ( <i>Felis domestica</i> ). <i>Comparative Clinical Pathology</i> , 2002, 11, 246-255.	0.3	8
40	Design of fluorophore-loaded human serum albumin nanoparticles for specific targeting of NIH:OVCAR3 ovarian cancer cells. <i>Nanotechnology</i> , 2020, 31, 315102.	1.3	8
41	Bee ( <i>Apis mellifera</i> ) Venom Produced Toxic Effects of Higher Amplitude in Rat Thoracic Aorta than in Skeletal Muscle – An Ultrastructural Study. <i>Microscopy and Microanalysis</i> , 2012, 18, 304-316.	0.2	7
42	Tracing CD34+ Stromal Fibroblasts in Palatal Mucosa and Periodontal Granulation Tissue as a Possible Cell Reservoir for Periodontal Regeneration. <i>Microscopy and Microanalysis</i> , 2015, 21, 837-848.	0.2	6
43	Effects of Gold Nanoparticles Functionalized with Bioactive Compounds from <i>Cornus mas</i> Fruit on Aorta Ultrastructural and Biochemical Changes in Rats on a Hyperlipid Diet – A Preliminary Study. <i>Antioxidants</i> , 2022, 11, 1343.	2.2	5
44	Histopathological and ultrastructural changes experimentally induced by bee venom in seminiferous epithelium via structural-functional alteration of Sertoli cells. <i>Micron</i> , 2017, 102, 1-14.	1.1	4
45	Ultrastructural variability of mitochondrial cristae induced in vitro by bee ( <i>Apis mellifera</i> ) venom and its derivatives, melittin and phospholipase A2, in isolated rat adrenocortical mitochondria. <i>Micron</i> , 2018, 112, 42-54.	1.1	4
46	Histological and ultrastructural changes observed in testicles, epididymides, seminal vesicles and liver of rat after intraperitoneal administration of aluminum and indium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 73, 126997.	1.5	4
47	Ultrastructural analysis of early toxic effects produced by bee venom phospholipase A2 and melittin in Sertoli cells in rats. <i>Toxicol</i> , 2018, 141, 94-103.	0.8	3
48	Gold and Female Reproductive Organs: an Ultrastructural Study. <i>Biological Trace Element Research</i> , 2018, 183, 280-287.	1.9	2
49	Hsa-miR-125b Therapeutic Role in Colon Cancer Is Dependent on the Mutation Status of the TP53 Gene. <i>Pharmaceutics</i> , 2021, 13, 664.	2.0	2
50	Ultrastructural evaluation of mesenchymal stem cells from inflamed periodontium in different in vitro conditions. <i>Microscopy Research and Technique</i> , 2015, 78, 792-800.	1.2	1
51	Bee Venom Stimulates Hormone Secretion in Rat Somatotroph and Corticotroph Cells: Digital Image Analysis of Secretory Granules. <i>Microscopy and Microanalysis</i> , 2019, 25, 1234-1245.	0.2	1
52	Cytoarchitectural improvement in Leydig cells of diabetic rats after treatment with aqueous and ethanol extracts of <i>Dracaena arborea</i> (Dracaenaceae). <i>Journal of Traditional and Complementary Medicine</i> , 2021, 11, 1-8.	1.5	1
53	NIPAL4 mutation c.527C>A identified in Romanian patients with autosomal recessive congenital ichthyosis. <i>Romanian Journal of Laboratory Medicine</i> , 2016, 24, 387-398.	0.1	1
54	Two-body wear simulation influence on some direct and indirect dental resin biocomposites - A qualitative analysis. <i>Acta of Bioengineering and Biomechanics</i> , 2016, 18, 61-72.	0.2	1

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55	Ultrasound Protects Human Chondrocytes from Biochemical and Ultrastructural Changes Induced by Oxidative Stress. Applied Sciences (Switzerland), 2022, 12, 2334.	1.3	1
56	Changes in Organ Weight, Sperm Quality and Testosterone Levels After Aluminum (Al) and Indium (In) Administration to Wistar Rats. Biological Trace Element Research, 2022, , 1.	1.9	1