

George Dan MogoÅanu

List of Publications by Year in descending order

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55
papers

1,957
citations

304602

22
h-index

254106

43
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57
all docs

57
docs citations

57
times ranked

3351
citing authors

#	ARTICLE	IF	CITATIONS
1	MAPLE Coatings Embedded with Essential Oil-Conjugated Magnetite for Anti-Biofilm Applications. <i>Materials</i> , 2021, 14, 1612.	1.3	27
2	Letter to the Editor: Boron enhances the antiviral activity of the curcumin against SARS-CoV-2. <i>Romanian Journal of Morphology and Embryology</i> , 2021, 61, 967-970.	0.4	6
3	Biodistribution of essential oil-conjugated silver nanoparticles. <i>Romanian Journal of Morphology and Embryology</i> , 2021, 61, 1099-1109.	0.4	2
4	Biofilm-Resistant Nanocoatings Based on ZnO Nanoparticles and Linalool. <i>Nanomaterials</i> , 2021, 11, 2564.	1.9	14
5	Nanoparticle-functionalized dressings for the treatment of third-degree skin burns – histopathological and immunohistochemical study. <i>Romanian Journal of Morphology and Embryology</i> , 2021, 62, 159-168.	0.4	2
6	Preclinical and histological study of boron-containing compounds hydrogels on experimental model of periodontal disease. <i>Romanian Journal of Morphology and Embryology</i> , 2021, 62, 219-226.	0.4	4
7	Simultaneous quantitation of nicotinamide riboside and nicotinamide in dietary supplements via HPTLC-UV with confirmation by online HPTLC-ESI-MS. <i>Acta Chromatographica</i> , 2020, 32, 128-133.	0.7	2
8	Enhanced Internalization of Nanoparticles Following Ionizing Radiation Leads to Mitotic Catastrophe in MG-63 Human Osteosarcoma Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7220.	1.8	14
9	The Effect of Silver Nanoparticles on Antioxidant/Pro-Oxidant Balance in a Murine Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1233.	1.8	75
10	Natural and semisynthetic candidate molecules for COVID-19 prophylaxis and treatment. <i>Romanian Journal of Morphology and Embryology</i> , 2020, 61, 321-334.	0.4	4
11	In vitro and in vivo studies of novel fabricated bioactive dressings based on collagen and zinc oxide 3D scaffolds. <i>International Journal of Pharmaceutics</i> , 2019, 557, 199-207.	2.6	68
12	The Fructoborates: Part of a Family of Naturally Occurring Sugar-Borate Complexes – Biochemistry, Physiology, and Impact on Human Health: a Review. <i>Biological Trace Element Research</i> , 2019, 188, 11-25.	1.9	42
13	HPTLC QUANTIFICATION OF POLYPHENOLIC ACIDS AND ANTIOXIDANT ACTIVITY OF POLYGONUM HYDROPIPER L. SPECIES FROM ROMANIAN FLORA. <i>Farmacia</i> , 2019, 67, 1005-1010.	0.1	2
14	Study of antimicrobial effects of functionalized silver nanoparticles. <i>Romanian Journal of Morphology and Embryology</i> , 2019, 60, 939-946.	0.4	3
15	Antibiofilm Coatings Based on PLGA and Nanostructured Cefepime-Functionalized Magnetite. <i>Nanomaterials</i> , 2018, 8, 633.	1.9	23
16	Simultaneous Quantitation of Boric Acid and Calcium Fructoborate in Dietary Supplements by HPTLC-Densitometry. <i>Analytical Sciences</i> , 2017, 33, 743-746.	0.8	6
17	Collagen-Nanoparticles Composites for Wound Healing and Infection Control. <i>Metals</i> , 2017, 7, 516.	1.0	21
18	Fabrication and Cytotoxicity of Gemcitabine-Functionalized Magnetite Nanoparticles. <i>Molecules</i> , 2017, 22, 1080.	1.7	34

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19	Natural products used for food preservation. , 2017, , 365-411.		18
20	Antibiotic Resistance and Virulence Phenotypes of Recent Bacterial Strains Isolated from Urinary Tract Infections in Elderly Patients with Prostatic Disease. Pathogens, 2017, 6, 22.	1.2	20
21	Marine Natural Products in Fighting Microbial Infections. , 2016, , 351-375.		0
22	Silver Nanocoatings for Reducing the Exogenous Microbial Colonization of Wound Dressings. Materials, 2016, 9, 345.	1.3	38
23	Antimicrobial Nanostructured Bioactive Coating Based on Fe ₃ O ₄ and Patchouli Oil for Wound Dressing. Metals, 2016, 6, 103.	1.0	26
24	Bioactive ZnO Coatings Deposited by MAPLE – An Appropriate Strategy to Produce Efficient Anti-Biofilm Surfaces. Molecules, 2016, 21, 220.	1.7	26
25	Fabrication, Characterization, and Evaluation of Bionanocomposites Based on Natural Polymers and Antibiotics for Wound Healing Applications. Molecules, 2016, 21, 761.	1.7	22
26	Natural and synthetic polymers for drug delivery and targeting. , 2016, , 229-284.		12
27	Biocompatible hybrid silica nanobiocomposites for the efficient delivery of anti-staphylococcal drugs. International Journal of Pharmaceutics, 2016, 510, 532-542.	2.6	9
28	Applications of nanobiopolymers for soft tissue engineering. , 2016, , 83-109.		1
29	Calcium Fructoborate for Bone and Cardiovascular Health. Biological Trace Element Research, 2016, 172, 277-281.	1.9	32
30	Mesoporous silica coatings for cephalosporin active release at the bone-implant interface. Applied Surface Science, 2016, 374, 165-171.	3.1	20
31	Polymeric protective agents for nanoparticles in drug delivery and targeting. International Journal of Pharmaceutics, 2016, 510, 419-429.	2.6	52
32	Thin coatings based on ZnO@C18-usnic acid nanoparticles prepared by MAPLE inhibit the development of Salmonella enterica early biofilm growth. Applied Surface Science, 2016, 374, 318-325.	3.1	18
33	pH sensitive core-shell magnetic nanoparticles for targeted drug delivery in cancer therapy. Romanian Journal of Morphology and Embryology, 2016, 57, 23-32.	0.4	28
34	Effect of Scutellariae herba extracts in experimental model of skin burns: histological and immunohistochemical assessment. Romanian Journal of Morphology and Embryology, 2016, 57, 1285-1294.	0.4	3
35	Nanostructured mesoporous silica: new perspectives for fighting antimicrobial resistance. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	4
36	Poly(lactic-co-glycolic) acid/chitosan microsphere thin films functionalized with Cinnamomi aetheroleum and magnetite nanoparticles for preventing the microbial colonization of medical surfaces. Journal of Sol-Gel Science and Technology, 2015, 73, 679-686.	1.1	7

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37	Effects of Calcium Fructoborate on Levels of C-Reactive Protein, Total Cholesterol, Low-Density Lipoprotein, Triglycerides, IL-1 β , IL-6, and MCP-1: a Double-blind, Placebo-controlled Clinical Study. <i>Biological Trace Element Research</i> , 2015, 163, 124-131.	1.9	35
38	MAPLE fabrication of thin films based on kanamycin functionalized magnetite nanoparticles with anti-pathogenic properties. <i>Applied Surface Science</i> , 2015, 336, 188-195.	3.1	24
39	Prevention of Microbial Communities: Novel Approaches Based Natural Products. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 94-111.	0.9	25
40	Prosthetic Devices with Nanostructured Surfaces for Increased Resistance to Microbial Colonization. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 112-120.	0.9	5
41	In vitro and in vivo applications of 3D dendritic gold nanostructures. <i>Romanian Journal of Morphology and Embryology</i> , 2015, 56, 915-24.	0.4	3
42	In vivo biodistribution of CNTs using a BALB/c mouse experimental model. <i>Romanian Journal of Morphology and Embryology</i> , 2015, 56, 1481-93.	0.4	5
43	Efficiency of Vanilla, Patchouli and Ylang Ylang Essential Oils Stabilized by Iron Oxide@C14 Nanostructures against Bacterial Adherence and Biofilms Formed by <i>Staphylococcus aureus</i> and <i>Klebsiella pneumoniae</i> Clinical Strains. <i>Molecules</i> , 2014, 19, 17943-17956.	1.7	49
44	MAPLE fabricated magnetite@eugenol and (3-hidroxybutyric acid-co-3-hidroxyvaleric acid)@polyvinyl alcohol microspheres coated surfaces with anti-microbial properties. <i>Applied Surface Science</i> , 2014, 306, 16-22.	3.1	51
45	Natural and synthetic polymers for wounds and burns dressing. <i>International Journal of Pharmaceutics</i> , 2014, 463, 127-136.	2.6	826
46	Usnic acid-loaded biocompatible magnetic PLGA-PVA microsphere thin films fabricated by MAPLE with increased resistance to staphylococcal colonization. <i>Biofabrication</i> , 2014, 6, 035002.	3.7	45
47	Anionic polymers and 10nm Fe ₃ O ₄ @UA wound dressings support human foetal stem cells normal development and exhibit great antimicrobial properties. <i>International Journal of Pharmaceutics</i> , 2014, 463, 146-154.	2.6	37
48	Biocompatible Fe ₃ O ₄ Increases the Efficacy of Amoxicillin Delivery against Gram-Positive and Gram-Negative Bacteria. <i>Molecules</i> , 2014, 19, 5013-5027.	1.7	59
49	Novel Drug Delivery Magnetite Nano-systems Used in Antimicrobial Therapy. <i>Current Organic Chemistry</i> , 2014, 18, 185-191.	0.9	19
50	Keratin-Based Biomaterials for Biomedical Applications. <i>Current Drug Targets</i> , 2014, 15, 518-530.	1.0	37
51	Iron oxide nanoparticles modulate the interaction of different antibiotics with cellular membranes. <i>Romanian Journal of Morphology and Embryology</i> , 2014, 55, 849-56.	0.4	20
52	Comparative study of microvascular density in experimental third-degree skin burns treated with topical preparations containing herbal extracts. <i>Romanian Journal of Morphology and Embryology</i> , 2013, 54, 107-13.	0.4	6
53	Phases of the cutaneous angiogenesis process in experimental third-degree skin burns: histological and immunohistochemical study. <i>Romanian Journal of Morphology and Embryology</i> , 2013, 54, 163-71.	0.4	19
54	Macrophage response in experimental third-degree skin burns treated with allograft. Histological and immunohistochemical study. <i>Romanian Journal of Morphology and Embryology</i> , 2012, 53, 1027-36.	0.4	1

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55	Histological and immunohistochemical study of cutaneous angiogenesis process in experimental third-degree skin burns treated with allograft. Romanian Journal of Morphology and Embryology, 2012, 53, 1061-7.	0.4	2