Bianca Galateanu

List of Publications by Year in descending order

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Version: 2024-02-01

60 papers	1,192 citations	377584 21 h-index	445137 33 g-index
61 all docs	61 docs citations	61 times ranked	2376 citing authors

#	Article	IF	Citations
1	Liquid Biopsy and Artificial Intelligence as Tools to Detect Signatures of Colorectal Malignancies: A Modern Approach in Patientâ€™s Stratification. Frontiers in Oncology, 2022, 12, 856575.	1.3	13
2	In Vitro Studies Regarding the Safety of Chitosan and Hyaluronic Acid-Based Nanohydrogels Containing Contrast Agents for Magnetic Resonance Imaging. International Journal of Molecular Sciences, 2022, 23, 3258.	1.8	7
3	Applications of Polymers for Organ-on-Chip Technology in Urology. Polymers, 2022, 14, 1668.	2.0	15
4	In Vitro Cytotoxic Protective Effect of Alginate-Encapsulated Capsaicin Might Improve Skin Side Effects Associated with the Topical Application of Capsaicin. Molecules, 2021, 26, 1455.	1.7	5
5	Composite P(3HB-3HV)-CS Spheres for Enhanced Antibiotic Efficiency. Polymers, 2021, 13, 989.	2.0	2
6	Current Landscape in Organic Nanosized Materials Advances for Improved Management of Colorectal Cancer Patients. Materials, 2021, 14, 2440.	1.3	14
7	Bio- and Hemo-Compatible Silk Fibroin PEGylated Nanocarriers for 5-Fluorouracil Chemotherapy in Colorectal Cancer: In Vitro Studies. Pharmaceutics, 2021, 13, 755.	2.0	9
8	In Vitro Interaction of Doxorubicin-Loaded Silk Sericin Nanocarriers with MCF-7 Breast Cancer Cells Leads to DNA Damage. Polymers, 2021, 13, 2047.	2.0	16
9	Bioinspired silk fibroin nano-delivery systems protect against 5-FU induced gastrointestinal mucositis in a mouse model and display antitumor effects on HT-29 colorectal cancer cells in vitro. Nanotoxicology, 2021, 15, 1-22.	1.6	8
10	Novel chitosan and bacterial cellulose biocomposites tailored with polymeric nanoparticles for modern wound dressing development. Drug Delivery, 2021, 28, 1932-1950.	2.5	1
11	Novel chitosan and bacterial cellulose biocomposites tailored with polymeric nanoparticles for modern wound dressing development. Drug Delivery, 2021, 28, 1932-1950.	2.5	26
12	Bioactive Coatings Loaded with Osteogenic Protein for Metallic Implants. Polymers, 2021, 13, 4303.	2.0	9
13	In Vitro Effects of Cetylated Fatty Acids Mixture from Celadrin on Chondrogenesis and Inflammation with Impact on Osteoarthritis. Cartilage, 2020, 11, 88-97.	1.4	7
14	Impact of the magnetic field on 3T3-E1 preosteoblasts inside SMART silk fibroin-based scaffolds decorated with magnetic nanoparticles. Materials Science and Engineering C, 2020, 110, 110714.	3.8	33
15	Novel Nanocomposites Based on Bacterial Polyester/LDH-SDS Clay for Stem Cells Delivery in Modern Wound Healing Management. Materials, 2020, 13, 4488.	1.3	6
16	Nanostructured Thin Coatings Containing Anthriscus sylvestris Extract with Dual Bioactivity. Molecules, 2020, 25, 3866.	1.7	6
17	Bacterial Cellulose-Modified Polyhydroxyalkanoates Scaffolds Promotes Bone Formation in Critical Size Calvarial Defects in Mice. Materials, 2020, 13, 1433.	1.3	32
18	5FU Delivery through Biocompatible SF/PEG Nanoshuttles Modulates Colorectal Cancer Cells Migration and Invasion Potential and Alters the Inflammatory Cytokines Expression Profile. Proceedings (mdpi), 2020, 78, .	0.2	0

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19	Adverse and hormetic effects in rats exposed for 12 months to low dose mixture of 13 chemicals: RLRS part III. Toxicology Letters, 2019, 310, 70-91.	0.4	71
20	Nanobiomaterials for tissue engineering. , 2019, , 1-21.		4
21	Poly(3-hydroxybutyrate-CO-3-hydroxyvalerate) PHBHV biocompatible nanocarriers for 5-FU delivery targeting colorectal cancer. Drug Delivery, 2019, 26, 318-327.	2.5	40
22	Antimicrobial applications of MAPLE processed coatings based on PLGA and lincomycin functionalized magnetite nanoparticles. Applied Surface Science, 2019, 484, 587-599.	3.1	14
23	Risk Factors as Biomarkers of Susceptibility in Breast Cancer. , 2019, , 841-853.		2
24	Synthesis and Characterization of a New Cr(III) Complex with 5-Hydroxyflavone as a Potential Antidiabetic Agent. Proceedings (mdpi), 2019, 29, .	0.2	0
25	Grafting versus Crosslinking of Silk Fibroin-g-PNIPAM via Tyrosine-NIPAM Bridges. Molecules, 2019, 24, 4096.	1.7	18
26	Silk-Based Hydrogels for Biomedical Applications. Polymers and Polymeric Composites, 2019, , 1791-1817.	0.6	7
27	Modern management of diabetic foot complications. Journal of Clinical and Investigative Surgery, 2019, 4, 5-9.	0.1	0
28	Alginate microencapsulated capsaicin suppresses ROS production and sustains human dermal fibroblasts cells viability. Toxicology Letters, 2018, 295, S265-S266.	0.4	0
29	Chemoprevention of Colorectal Cancer by Dietary Compounds. International Journal of Molecular Sciences, 2018, 19, 3787.	1.8	67
30	Sericin nanocarriers loaded with doxorubicin induce DNA damage in breast cancer cells. Toxicology Letters, 2018, 295, S156.	0.4	2
31	Effect of metformin/irinotecan-loaded poly-lactic-co-glycolic acid nanoparticles on glioblastoma: in vitro and in vivo studies. Nanomedicine, 2018, 13, 1595-1606.	1.7	41
32	Silk-Based Hydrogels for Biomedical Applications. Polymers and Polymeric Composites, 2018, , 1-26.	0.6	1
33	Comparative cytotoxicity study of nicotine and cotinine on MRC-5 cell line. Journal of Mind and Medical Sciences, 2018, 5, 117-122.	0.1	2
34	Update on radionuclide therapy in oncology (Review). Oncology Letters, 2017, 14, 7011-7015.	0.8	18
35	Worldwide legislative challenges related to psychoactive drugs. DARU, Journal of Pharmaceutical Sciences, 2017, 25, 14.	0.9	51
36	Alginate micro encapsulation modulates the capsaicin cytotoxicity for its prospective use in diabetic neuropathy. Toxicology Letters, 2017, 280, S222.	0.4	0

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37	Poly(HydroxyButyrate-co-HydroxyValerate) (PHBHV) Nanocarriers for Silymarin Release as Adjuvant Therapy in Colo-rectal Cancer. Frontiers in Pharmacology, 2017, 8, 508.	1.6	35
38	Silk Fibroin Films Decorated with Magnetic Nanoparticles for Wound Healling Applications. Materiale Plastice, 2017, 54, 83-87.	0.4	3
39	Fabrication of Novel Silk Fibroin - LDHs Composite Arhitectures for Potential Bone Tissue Engineering. Materiale Plastice, 2017, 54, 659-665.	0.4	6
40	Zenkerâ€™s diverticulum and squamous esophageal cancer: a case report. Journal of Mind and Medical Sciences, 2017, 4, 193-197.	0.1	1
41	Colon Cancer Cells Gene Expression Signature As Response to 5- Fluorouracil, Oxaliplatin, and Folinic Acid Treatment. Frontiers in Pharmacology, 2016, 7, 172.	1.6	33
42	About electrochemical stability and biocompatibility of two types of CoCr commercial dental alloys. Materials and Corrosion - Werkstoffe Und Korrosion, 2016, 67, 1096-1104.	0.8	9
43	Impact of multicellular tumor spheroids as an in vivo-like tumor model on anticancer drug response. International Journal of Oncology, 2016, 48, 2295-2302.	1.4	49
44	Electrochemical comparison and biological performance of a new CoCrNbMoZr alloy with commercial CoCrMo alloy. Materials Science and Engineering C, 2016, 59, 346-355.	3.8	17
45	A 3D Porous Gelatin-Alginate-Based-IPN Acts as an Efficient Promoter of Chondrogenesis from Human Adipose-Derived Stem Cells. Stem Cells International, 2015, 2015, 1-17.	1.2	27
46	In VitroStudies of Bacterial Cellulose and Magnetic Nanoparticles Smart Nanocomposites for Efficient Chronic Wounds Healing. Stem Cells International, 2015, 2015, 1-10.	1.2	37
47	Synthesis, characterization and in vitro studies of polysulfone/graphene oxide composite membranes. Composites Part B: Engineering, 2015, 72, 108-115.	5.9	78
48	Bioevaluation of Novel Anti-Biofilm Coatings Based on PVP/Fe3O4 Nanostructures and 2-((4-Ethylphenoxy)methyl)-N- (arylcarbamothioyl)benzamides. Molecules, 2014, 19, 12011-12030.	1.7	12
49	In vitro cytocompatibility evaluation of chitosan/graphene oxide 3D scaffold composites designed for bone tissue engineering. Bio-Medical Materials and Engineering, 2014, 24, 2249-2256.	0.4	84
50	Perilipin Expression Reveals Adipogenic Potential of hADSCs inside Superporous Polymeric Cellular Delivery Systems. BioMed Research International, 2014, 2014, 1-9.	0.9	4
51	Biocompatibility Assessment of Novel Collagen-Sericin Scaffolds Improved with Hyaluronic Acid and Chondroitin Sulfate for Cartilage Regeneration. BioMed Research International, 2013, 2013, 1-11.	0.9	50
52	Sericin Enhances the Bioperformance of Collagen-Based Matrices Preseeded with Human-Adipose Derived Stem Cells (hADSCs). International Journal of Molecular Sciences, 2013, 14, 1870-1889.	1.8	37
53	Modulation of Adipogenic Conditions for Prospective Use of hADSCs in Adipose Tissue Engineering. International Journal of Molecular Sciences, 2012, 13, 15881-15900.	1.8	29
54	Osteoblast cell behavior on the new beta-type Tiâ€“25Taâ€“25Nb alloy. Materials Science and Engineering C, 2012, 32, 1554-1563.	3.8	29

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55	Layer-shaped alginate hydrogels enhance the biological performance of human adipose-derived stem cells. BMC Biotechnology, 2012, 12, 35.	1.7	39
56	Characterization and deposition behavior of silk hydrogels soaked in simulated body fluid. Materials Science and Engineering C, 2012, 32, 945-952.	3.8	21
57	In Vitro Effects of Calcium Fructoborate upon Production of Inflammatory Mediators by LPS-stimulated RAW 264.7 Macrophages. Biological Trace Element Research, 2010, 135, 334-344.	1.9	43
58	Biochemical Investigation of Some Proteins from Human Primary Teeth to Evaluate Heavy Metal Pollution. Key Engineering Materials, 0, 415, 53-56.	0.4	1
59	The risk of bleeding and encephalopathy in surgical patients with liver cirrhosis. Journal of Mind and Medical Sciences, 0, , 6-10.	0.1	0
60	The correlation between histopathological and ultrasound findings regarding Cesarean section scars â€“ A three-year survey study. Journal of Mind and Medical Sciences, 0, , 143-149.	0.1	1