

Ivana Gadjanski

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

930
citations

471061

17
h-index

500791

28
g-index

67
all docs

67
docs citations

67
times ranked

1397
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time detection of ochratoxin A in wine through insight of aptamer conformation in conjunction with graphene field-effect transistor. <i>Biosensors and Bioelectronics</i> , 2022, 200, 113890.	5.3	41
2	Bioengineering Outlook on Cultivated Meat Production. <i>Micromachines</i> , 2022, 13, 402.	1.4	14
3	Using Vertebrate Stem and Progenitor Cells for Cellular Agriculture, State-of-the-Art, Challenges, and Future Perspectives. <i>Biomolecules</i> , 2022, 12, 699.	1.8	9
4	Antimicrobial nanoparticles and biodegradable polymer composites for active food packaging applications. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 2428-2454.	5.9	140
5	Cultivating Multidisciplinarity: Manufacturing and Sensing Challenges in Cultured Meat Production. <i>Biology</i> , 2021, 10, 204.	1.3	35
6	Advanced mesoporous silica nanocarriers in cancer theranostics and gene editing applications. <i>Journal of Controlled Release</i> , 2021, 337, 193-211.	4.8	45
7	Spectral-Phase Interferometry Detection of Ochratoxin A via Aptamer-Functionalized Graphene Coated Glass. <i>Nanomaterials</i> , 2021, 11, 226.	1.9	13
8	Magnetic nanoarchitectures for cancer sensing, imaging and therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 9-23.	2.9	64
9	Point-of-Need DNA Testing for Detection of Foodborne Pathogenic Bacteria. <i>Sensors</i> , 2019, 19, 1100.	2.1	82
10	Microfluidic Sensor Based on Composite Left-Right Handed Transmission Line. <i>Electronics (Switzerland)</i> , 2019, 8, 1475.	1.8	7
11	Mimetic Hierarchical Approaches for Osteochondral Tissue Engineering. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1058, 143-170.	0.8	7
12	Strategies to Enhance Implantation and Survival of Stem Cells After Their Injection in Ischemic Neural Tissue. <i>Stem Cells and Development</i> , 2017, 26, 554-565.	1.1	29
13	R&D in a Fab Lab: Examples of Paste Extrusion Method. <i>Lecture Notes in Mechanical Engineering</i> , 2017, , 461-467.	0.3	0
14	Simulating fluid flow in “Shrinky Dink” microfluidic chips” Potential for combination with low-cost DIY microPIV. , 2017, , .		1
15	Editorial: Microenvironment-Derived Stem Cell Plasticity. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 82.	1.8	1
16	Recent advances on gradient hydrogels in biomimetic cartilage tissue engineering. <i>F1000Research</i> , 2017, 6, 2158.	0.8	12
17	Recent advances on gradient hydrogels in biomimetic cartilage tissue engineering. <i>F1000Research</i> , 2017, 6, 2158.	0.8	13
18	Potentials of fablabs for biomimetic architectural research. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
19	Formation of Fab lab Petnica. , 2016, , .		4
20	Mathematical modeling of ATP release in response to mechanical stimulation of chondrogenic cells. , 2015, , .		1
21	Ex vivo amplification kinetics of cord blood hematopoietic progenitor cells in one- and two-step hypoxic response-mimicking cultures (HRMC). , 2015, , .		0
22	Synergistic Effects of Hypoxia and Morphogenetic Factors on Early Chondrogenic Commitment of Human Embryonic Stem Cells in Embryoid Body Culture. Stem Cell Reviews and Reports, 2015, 11, 228-241.	5.6	20
23	Challenges in engineering osteochondral tissue grafts with hierarchical structures. Expert Opinion on Biological Therapy, 2015, 15, 1583-1599.	1.4	38
24	Transient hypoxia improves matrix properties in tissue engineered cartilage. Journal of Orthopaedic Research, 2013, 31, 544-553.	1.2	16
25	Supplementation of Exogenous Adenosine 5â€²-Triphosphate Enhances Mechanical Properties of 3D Cellâ€™Agarose Constructs for Cartilage Tissue Engineering. Tissue Engineering - Part A, 2013, 19, 2188-2200.	1.6	20
26	Purinergic responses of chondrogenic stem cells to dynamic loading. Journal of the Serbian Chemical Society, 2013, 78, 1865-1874.	0.4	4
27	An Optical Coherence Tomography Study on Degeneration of Retinal Nerve Fiber Layer in Rats with Autoimmune Optic Neuritis. , 2012, 53, 157.		33
28	Time-Dependent Processes in Stem Cell-Based Tissue Engineering of Articular Cartilage. Stem Cell Reviews and Reports, 2012, 8, 863-881.	5.6	86
29	Correlation of optical coherence tomography with clinical and histopathological findings in experimental autoimmune uveoretinitis. Experimental Eye Research, 2011, 93, 82-90.	1.2	23
30	Role of nâ€™type voltageâ€™dependent calcium channels in autoimmune optic neuritis. Annals of Neurology, 2009, 66, 81-93.	2.8	42
31	Strain-specific susceptibility for neurodegeneration in a rat model of autoimmune optic neuritis. Journal of Neuroimmunology, 2008, 193, 77-86.	1.1	20
32	MRI of optic neuritis in a rat model. NeuroImage, 2008, 41, 323-334.	2.1	38
33	Effects of interferon-beta-1a on neuronal survival under autoimmune inflammatory conditions. Experimental Neurology, 2006, 201, 172-181.	2.0	34
34	Therapeutic effect of nucleoside analogs on experimental autoimmune encephalomyelitis in dark agouti rats. Archives of Biological Sciences, 2006, 58, 13-20.	0.2	1
35	HIV-Tat-mediated Bcl-XL delivery protects retinal ganglion cells during experimental autoimmune optic neuritis. Neurobiology of Disease, 2005, 20, 218-226.	2.1	31