

Jaime E RamÃ- rez-Vick

List of Publications by Year in descending order

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29
papers

1,920
citations

623734

14
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

4096
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaffold Design for Bone Regeneration. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 15-56.	0.9	696
2	Recent advances in ZnO nanostructures and thin films for biosensor applications: Review. <i>Analytica Chimica Acta</i> , 2012, 737, 1-21.	5.4	513
3	Anti-IL8/AuNPs-rGO/ITO as an Immunosensing Platform for Noninvasive Electrochemical Detection of Oral Cancer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27462-27474.	8.0	120
4	Fibronectin and Vitronectin Promote Human Fetal Osteoblast Cell Attachment and Proliferation on Nanoporous Titanium Surfaces. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1092-1097.	1.1	102
5	The anticancer activity of chloroquine-gold nanoparticles against MCF-7 breast cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 95, 195-200.	5.0	85
6	Tissue Engineering Strategies for Myocardial Regeneration: Acellular Versus Cellular Scaffolds?. <i>Tissue Engineering - Part B: Reviews</i> , 2016, 22, 438-458.	4.8	83
7	CD45 Targeted Ultrasensitive Electrochemical Immunosensor for Fast and Noninvasive Diagnosis of Oral Cancer. <i>Electroanalysis</i> , 2016, 28, 2565-2574.	2.9	80
8	Evaluation of the cytotoxic effect of camptothecin solid lipid nanoparticles on MCF7 cells. <i>Drug Delivery</i> , 2013, 20, 338-348.	5.7	38
9	Graphene oxide-chloroquine nanoconjugate induce necroptotic death in A549 cancer cells through autophagy modulation. <i>Nanomedicine</i> , 2018, 13, 2261-2282.	3.3	34
10	Redox active poly(pyrrole-N-ferrocene-pyrrole) copolymer based mediator-less biosensors. <i>Journal of Electroanalytical Chemistry</i> , 2011, 658, 33-37.	3.8	31
11	Zinc Oxide Nanorods Modified Indium Tin Oxide Surface for Amperometric Urea Biosensor. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 6683-6689.	0.9	23
12	Effect of Pulsed Electromagnetic Fields on Human Mesenchymal Stem Cells Using 3D Magnetic Scaffolds. <i>Bioelectromagnetics</i> , 2020, 41, 175-187.	1.6	20
13	Cytotoxicity and Reactive Oxygen Species Generated by Ferrocenium and Ferrocene on MCF7 and MCF10A Cell Lines. <i>Journal of Cancer Science & Therapy</i> , 2012, 04, .	1.7	16
14	Nanostructured gold dsDNA sensor for early detection of breast cancer by beta protein 1 (BP1). <i>Journal of Electroanalytical Chemistry</i> , 2015, 751, 49-56.	3.8	14
15	Characterizing basal-like triple negative breast cancer using gene expression analysis: A data mining approach. <i>Expert Systems With Applications</i> , 2020, 148, 113253.	7.6	12
16	Water soluble molybdenocene complexes: Synthesis, cytotoxic activity and binding studies to ubiquitin by fluorescence spectroscopy, circular dichroism and molecular modeling. <i>Journal of Inorganic Biochemistry</i> , 2014, 132, 77-91.	3.5	9
17	Gene Expression Profiling of Human Adipose Tissue Stem Cells during 2D versus 3D Adipogenesis. <i>Cells Tissues Organs</i> , 2019, 208, 113-133.	2.3	8
18	Recent Developments in the Use of Group-Specific Ligands for Affinity Bioseparations. <i>Separation and Purification Reviews</i> , 1996, 25, 85-129.	0.8	7

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19	Combinatorial growth of oxide nanoscaffolds and its influence in osteoblast cell adhesion. Journal of Applied Physics, 2012, 111, 102810.	2.5	7
20	Nanostructured ZnO For Electrochemical Biosensors. Journal of Biosensors & Bioelectronics, 2012, 03, .	0.4	6
21	Recent Advances in Biophysical stimulation of MSC for bone regeneration. Indian Journal of Science and Technology, 2018, 11, 1-41.	0.7	5
22	Immobilization of silver ions onto paramagnetic particles for binding and release of a biotin-labeled oligonucleotide. Reactive and Functional Polymers, 2000, 43, 53-62.	4.1	4
23	Biophysical Stimulation for Bone Regeneration. JSM Biotechnology & Biomedical Engineering, 2013, 1, 1014.	0.0	2
24	Recovery of an Oligonucleotide Using Silver Ions Immobilized on to Paramagnetic Particles. Preparative Biochemistry and Biotechnology, 1998, 28, 243-260.	1.9	1
25	Zinc Oxide Nanorod Films for Electrochemical Urea Biosensor. Materials Research Society Symposia Proceedings, 2011, 1355, 1.	0.1	1
26	Effect of all-trans retinoic acid and pentagalloyl glucose on smooth muscle cell elastogenesis. Bio-Medical Materials and Engineering, 2021, 32, 145-157.	0.6	1
27	Differential Expression of PPAR β and CHOP β During Adipogenic Differentiation of Human Bone Marrow Derived Mesenchymal Stem Cells. FASEB Journal, 2018, 32, 1b17.	0.5	1
28	New Trends in Engineering Education: The AGEP: CNY-PR. , 0, , .		0
29	Anti-Tumor Chloroquine-Gold Nanocomposites and their Binding Interaction with Bovine Serum Albumin: Biophysical and Biochemical Aspects of Protein Binding. Materials Research Society Symposia Proceedings, 2011, 1316, 1.	0.1	0