

Stephanie J Florczyk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

1,206
citations

17
h-index

32
g-index

32
ext. papers

1,372
ext. citations

7.3
avg, IF

4.26
L-index

#	Paper	IF	Citations
27	Evaluation of the effect of 3D porous Chitosan-alginate scaffold stiffness on breast cancer proliferation and migration. <i>Journal of Biomedical Materials Research - Part A</i> , 2021 , 109, 1990-2000	5.4	2
26	Freeze-FRESH: A 3D Printing Technique to Produce Biomaterial Scaffolds with Hierarchical Porosity. <i>Materials</i> , 2020 , 13,	3.5	13
25	3D porous chitosan-chondroitin sulfate scaffolds promote epithelial to mesenchymal transition in prostate cancer cells. <i>Biomaterials</i> , 2020 , 254, 120126	15.6	13
24	Effect of Mold Geometry on Pore Size in Freeze-Cast Chitosan-Alginate Scaffolds for Tissue Engineering. <i>Annals of Biomedical Engineering</i> , 2020 , 48, 1090-1102	4.7	8
23	3D porous chitosan-alginate scaffold stiffness promotes differential responses in prostate cancer cell lines. <i>Biomaterials</i> , 2019 , 217, 119311	15.6	43
22	Effect of the scaffold microenvironment on cell polarizability and capacitance determined by probabilistic computations. <i>Biomedical Materials (Bristol)</i> , 2018 , 13, 025012	3.5	3
21	Direct-Contact Cytotoxicity Evaluation of CoCrFeNi-Based Multi-Principal Element Alloys. <i>Journal of Functional Biomaterials</i> , 2018 , 9,	4.8	4
20	Periodically Patterned Au-TiO Heterostructures for Photoelectrochemical Sensor. <i>ACS Sensors</i> , 2017 , 2, 621-625	9.2	66
19	Modeling, validation and verification of three-dimensional cell-scaffold contacts from terabyte-sized images. <i>BMC Bioinformatics</i> , 2017 , 18, 526	3.6	2
18	A Bioinformatics 3D Cellular Morphotyping Strategy for Assessing Biomaterial Scaffold Niches. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 2302-2313	5.5	2
17	Machine learning based methodology to identify cell shape phenotypes associated with microenvironmental cues. <i>Biomaterials</i> , 2016 , 104, 104-18	15.6	22
16	3D Porous Chitosan-Alginate Scaffolds Promote Proliferation and Enrichment of Cancer Stem-Like Cells. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 6326-6334	7.3	47
15	3D Porous Chitosan-Alginate Scaffolds as an In Vitro Model for Evaluating Nanoparticle-Mediated Tumor Targeting and Gene Delivery to Prostate Cancer. <i>Biomacromolecules</i> , 2015 , 16, 3362-72	6.9	54
14	Proliferation and enrichment of CD133(+) glioblastoma cancer stem cells on 3D chitosan-alginate scaffolds. <i>Biomaterials</i> , 2014 , 35, 9137-43	15.6	88
13	CCL21 and IFN γ recruit and activate tumor specific T cells in 3D scaffold model of breast cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014 , 14, 204-10	2.2	20
12	Integrated bi-layered scaffold for osteochondral tissue engineering. <i>Advanced Healthcare Materials</i> , 2013 , 2, 872-83	10.1	68
11	Three-dimensional scaffolds to evaluate tumor associated fibroblast-mediated suppression of breast tumor specific T cells. <i>Biomacromolecules</i> , 2013 , 14, 1330-7	6.9	47

10	Porous chitosan-hyaluronic acid scaffolds as a mimic of glioblastoma microenvironment ECM. <i>Biomaterials</i> , 2013 , 34, 10143-50	15.6	152
9	Evaluation of three-dimensional porous chitosan-alginate scaffolds in rat calvarial defects for bone regeneration applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 2974-83	5.4	57
8	High-strength pristine porous chitosan scaffolds for tissue engineering. <i>Journal of Materials Chemistry</i> , 2012 , 22, 6291		89
7	Enhanced bone tissue formation by alginate gel-assisted cell seeding in porous ceramic scaffolds and sustained release of growth factor. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 3408-15	5.4	26
6	3D porous chitosan-alginate scaffolds: a new matrix for studying prostate cancer cell-lymphocyte interactions in vitro. <i>Advanced Healthcare Materials</i> , 2012 , 1, 590-9	10.1	67
5	Influence of processing parameters on pore structure of 3D porous chitosan-alginate polyelectrolyte complex scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 98, 614-20	5.4	69
4	Chitosan-alginate 3D scaffolds as a mimic of the glioma tumor microenvironment. <i>Biomaterials</i> , 2010 , 31, 5903-10	15.6	159
3	Chitosan-alginate scaffold culture system for hepatocellular carcinoma increases malignancy and drug resistance. <i>Pharmaceutical Research</i> , 2010 , 27, 1939-48	4.5	72
2	Manufacture of nanoparticles from bone: a preliminary study. <i>Journal of Long-Term Effects of Medical Implants</i> , 2009 , 19, 323-9	0.2	
1	Ethical issues in nanotechnology. <i>Journal of Long-Term Effects of Medical Implants</i> , 2007 , 17, 271-80	0.2	11