

Azizeh-Mitra Yousefi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,330
citations

566801

15
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

2257
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic studies of thermoset cure reactions: A review. <i>Polymer Composites</i> , 1997, 18, 157-168.	2.3	290
2	Current strategies in multiphasic scaffold design for osteochondral tissue engineering: A review. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 2460-2481.	2.1	169
3	Effects of processing parameters in thermally induced phase separation technique on porous architecture of scaffolds for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 1304-1315.	1.6	154
4	Prospect of Stem Cells in Bone Tissue Engineering: A Review. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	140
5	Three-dimensional porous scaffolds at the crossroads of tissue engineering and cell-based gene therapy. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 537-546.	1.2	57
6	A review of calcium phosphate cements and acrylic bone cements as injectable materials for bone repair and implant fixation. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2019, 17, 228080001987259.	0.7	57
7	Design and Dynamic Culture of 3D-Scaffolds for Cartilage Tissue Engineering. <i>Journal of Biomaterials Applications</i> , 2011, 25, 429-444.	1.2	51
8	Validation of scaffold design optimization in bone tissue engineering: finite element modeling versus designed experiments. <i>Biofabrication</i> , 2017, 9, 015023.	3.7	51
9	Physical and biological characteristics of nanohydroxyapatite and bioactive glasses used for bone tissue engineering. <i>Nanotechnology Reviews</i> , 2014, 3, .	2.6	46
10	Design and Fabrication of 3D Porous Scaffolds to Facilitate Cell-Based Gene Therapy. <i>Tissue Engineering - Part A</i> , 2008, 14, 1037-1048.	1.6	39
11	Hierarchical scaffold design for mesenchymal stem cell-based gene therapy of hemophilia B. <i>Biomaterials</i> , 2011, 32, 295-305.	5.7	39
12	Design and fabrication of 3D-plotted polymeric scaffolds in functional tissue engineering. <i>Polymer Engineering and Science</i> , 2007, 47, 608-618.	1.5	37
13	Hierarchical polymeric scaffolds support the growth of MC3T3-E1 cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 116.	1.7	24
14	Solvent-free polymer/bioceramic scaffolds for bone tissue engineering: fabrication, analysis, and cell growth. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014, 25, 1856-1874.	1.9	23
15	I-Optimal Design of Hierarchical 3D Scaffolds Produced by Combining Additive Manufacturing and Thermally Induced Phase Separation. <i>ACS Applied Bio Materials</i> , 2019, 2, 685-696.	2.3	17
16	Numerical analysis of promoted polyester and vinylester reinforced composites in RTM molds. <i>Polymer Engineering and Science</i> , 1997, 37, 757-771.	1.5	16
17	A comprehensive experimental study and numerical modeling of parison formation in extrusion blow molding. <i>Polymer Engineering and Science</i> , 2007, 47, 1-13.	1.5	15
18	Improving the homogeneity of tissue-mimicking cryogel phantoms for medical imaging. <i>Medical Physics</i> , 2012, 39, 6796-6807.	1.6	14

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19	A modeling approach to the effect of resin characteristics on parison formation in extrusion blow molding. <i>Polymer Engineering and Science</i> , 2009, 49, 251-263.	1.5	13
20	Modeling of complex parison formation in extrusion blow molding: Effect of medium to large die heads and fuel tank geometry. <i>Polymer Engineering and Science</i> , 2009, 49, 229-239.	1.5	12
21	Controlling the extrudate swell in melt extrusion additive manufacturing of 3D scaffolds: a designed experiment. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 195-216.	1.9	11
22	Producing homogeneous cryogel phantoms for medical imaging: a finite-element approach. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014, 25, 181-202.	1.9	10
23	Design and Fabrication of 3D Porous Scaffolds to Facilitate Cell-Based Gene Therapy. <i>Tissue Engineering - Part A</i> , 2008, 14, 080422095744451.	1.6	10
24	The effects of cobalt promoter and glass fibers on the curing behavior of unsaturated polyester resin. <i>Journal of Vinyl and Additive Technology</i> , 1997, 3, 157-169.	1.8	8
25	Streptavidin Inhibits Self-Assembly of CdTe Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3249-3256.	2.1	7
26	Optimal design of poly(lactic acid-co-glycolic) acid/hydroxyapatite three-dimensional scaffolds produced by thermally induced phase separation. <i>Polymer Engineering and Science</i> , 2019, 59, 1146-1157.	1.5	7
27	In vitro characterization of hierarchical 3D scaffolds produced by combining additive manufacturing and thermally induced phase separation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 454-476.	1.9	7
28	Cultivation of hierarchical 3D scaffolds inside a perfusion bioreactor: scaffold design and finite-element analysis of fluid flow. <i>SN Applied Sciences</i> , 2021, 3, 1.	1.5	4
29	Probing the temperature sensitivity of induction time in latent cure epoxy resins. <i>Polymer International</i> , 2013, 62, 1451-1456.	1.6	2
30	Cryogel Tissue Phantoms with Uniform Elasticity for Medical Imaging. , 2016, , 149-178.		0