Azizeh-Mitra Yousefi

List of Publications by Year
in descending order

30 papers	1,330 citations	567281 15 h-index	477307 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. Polymer Composites, 1997, 18, 157-168.	4.6	290
2	Current strategies in multiphasic scaffold design for osteochondral tissue engineering: A review. Journal of Biomedical Materials Research - Part A, 2015, 103, 2460-2481.	4.0	169
3	Effects of processing parameters in thermally induced phase separation technique on porous architecture of scaffolds for bone tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1304-1315.	3.4	154
4	Prospect of Stem Cells in Bone Tissue Engineering: A Review. Stem Cells International, 2016, 2016, 1-13.	2.5	140
5	Threeâ€dimensional porous scaffolds at the crossroads of tissue engineering and cellâ€based gene therapy. Journal of Cellular Biochemistry, 2009, 108, 537-546.	2.6	57
6	A review of calcium phosphate cements and acrylic bone cements as injectable materials for bone repair and implant fixation. Journal of Applied Biomaterials and Functional Materials, 2019, 17, 228080001987259.	1.6	57
7	Design and Dynamic Culture of 3D-Scaffolds for Cartilage Tissue Engineering. Journal of Biomaterials Applications, 2011, 25, 429-444.	2.4	51
8	Validation of scaffold design optimization in bone tissue engineering: finite element modeling versus designed experiments. Biofabrication, 2017, 9, 015023.	7.1	51
9	Physical and biological characteristics of nanohydroxyapatite and bioactive glasses used for bone tissue engineering. Nanotechnology Reviews, 2014, 3, .	5.8	46
10	Design and Fabrication of 3D Porous Scaffolds to Facilitate Cell-Based Gene Therapy. Tissue Engineering - Part A, 2008, 14, 1037-1048.	3.1	39
11	Hierarchical scaffold design for mesenchymal stem cell-based gene therapy of hemophilia B. Biomaterials, 2011, 32, 295-305.	11.4	39
12	Design and fabrication of 3D-plotted polymeric scaffolds in functional tissue engineering. Polymer Engineering and Science, 2007, 47, 608-618.	3.1	37
13	Hierarchical polymeric scaffolds support the growth of MC3T3-E1 cells. Journal of Materials Science: Materials in Medicine, 2015, 26, 116.	3.6	24
14	Solvent-free polymer/bioceramic scaffolds for bone tissue engineering: fabrication, analysis, and cell growth. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 1856-1874.	3.5	23
15	I-Optimal Design of Hierarchical 3D Scaffolds Produced by Combining Additive Manufacturing and Thermally Induced Phase Separation. ACS Applied Bio Materials, 2019, 2, 685-696.	4.6	17
16	Numerical analysis of promoted polyester and vinylester reinforced composites in RTM molds. Polymer Engineering and Science, 1997, 37, 757-771.	3.1	16
17	A comprehensive experimental study and numerical modeling of parison formation in extrusion blow molding. Polymer Engineering and Science, 2007, 47, 1-13.	3.1	15
18	Improving the homogeneity of tissueâ€mimicking cryogel phantoms for medical imaging. Medical Physics, 2012, 39, 6796-6807.	3.0	14

#	Article	IF	Citations
19	A modeling approach to the effect of resin characteristics on parison formation in extrusion blow molding. Polymer Engineering and Science, 2009, 49, 251-263.	3.1	13
20	Modeling of complex parison formation in extrusion blow molding: Effect of medium to large die heads and fuel tank geometry. Polymer Engineering and Science, 2009, 49, 229-239.	3.1	12
21	Controlling the extrudate swell in melt extrusion additive manufacturing of 3D scaffolds: a designed experiment. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 195-216.	3.5	11
22	Producing homogeneous cryogel phantoms for medical imaging: a finite-element approach. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 181-202.	3.5	10
23	Design and Fabrication of 3D Porous Scaffolds to Facilitate Cell-Based Gene Therapy. Tissue Engineering - Part A, 2008, 14, 080422095744451.	3.1	10
24	The effects of cobalt promoter and glass fibers on the curing behavior of unsaturated polyester resin. Journal of Vinyl and Additive Technology, 1997, 3, 157-169.	3.4	8
25	Streptavidin Inhibits Self-Assembly of CdTe Nanoparticles. Journal of Physical Chemistry Letters, 2012, 3, 3249-3256.	4.6	7
26	Iâ€Optimal design of poly(lacticâ€coâ€glycolic) acid/hydroxyapatite threeâ€dimensional scaffolds produced by thermally induced phase separation. Polymer Engineering and Science, 2019, 59, 1146-1157.	3.1	7
27	In vitro characterization of hierarchical 3D scaffolds produced by combining additive manufacturing and thermally induced phase separation. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 454-476.	3.5	7
28	Cultivation of hierarchical 3D scaffolds inside a perfusion bioreactor: scaffold design and finite-element analysis of fluid flow. SN Applied Sciences, 2021, 3, 1.	2.9	4
29	Probing the temperature sensitivity of induction time in latent cure epoxy resins. Polymer International, 2013, 62, 1451-1456.	3.1	2
30	Cryogel Tissue Phantoms with Uniform Elasticity for Medical Imaging. , 2016, , 149-178.		0