Michael Teske

List of Publications by Year
in descending order

23 papers	1,452 citations	1039406 9 h-index	713013 21 g-index
23 all docs	23 docs citations	23 times ranked	3850 citing authors

#	Article	IF	Citations
1	Poly-Îµ-caprolactone Coated and Functionalized Porous Titanium and Magnesium Implants for Enhancing Angiogenesis in Critically Sized Bone Defects. International Journal of Molecular Sciences, 2016, 17, 1.	1.8	1,160
2	SLM Produced Porous Titanium Implant Improvements for Enhanced Vascularization and Osteoblast Seeding. International Journal of Molecular Sciences, 2015, 16, 7478-7492.	1.8	72
3	Surface functionalization of poly(Îµâ€caprolactone) improves its biocompatibility as scaffold material for bioartificial vessel prostheses. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2011, 98B, 89-100.	1.6	45
4	Surface Modification of Biodegradable Polymers towards Better Biocompatibility and Lower Thrombogenicity. PLoS ONE, 2015, 10, e0142075.	1.1	32
5	Comparison of Selective Laser Melted Titanium and Magnesium Implants Coated with PCL. International Journal of Molecular Sciences, 2015, 16, 13287-13301.	1.8	29
6	Synthesis, characterization and in vitro degradation of 3D-microstructured poly(Îµ-caprolactone) resins. Polymer Chemistry, 2010, 1, 1215.	1.9	22
7	Development andIn VitroCharacterization of Hyaluronic Acid-Based Coatings for Implant-Associated Local Drug Delivery Systems. Journal of Chemistry, 2013, 2013, 1-11.	0.9	13
8	In Vitro Evaluation of PCL and P(3HB) as Coating Materials for Selective Laser Melted Porous Titanium Implants. Materials, 2017, 10, 1344.	1.3	13
9	Osteointegration of Porous Poly-Îµ-Caprolactone-Coated and Previtalised Magnesium Implants in Critically Sized Calvarial Bone Defects in the Mouse Model. Materials, 2018, 11, 6.	1.3	13
10	Accelerated Endothelialization of Nanofibrous Scaffolds for Biomimetic Cardiovascular Implants. Materials, 2022, 15, 2014.	1.3	9
11	Enhanced Hydrolytic Degradation of Heterografted Polyglycidols: Phosphonoethylated Monoester and Polycaprolactone Grafts. Biomacromolecules, 2013, 14, 3985-3996.	2.6	8
12	Chemical activation and changes in surface morphology of poly(Îµ-caprolactone) modulate VEGF responsiveness of human endothelial cells. Journal of Materials Science: Materials in Medicine, 2014, 25, 2003-2015.	1.7	7
13	Comparison of Six Different Silicones In Vitro for Application as Glaucoma Drainage Device. Materials, 2018, 11, 341.	1.3	6
14	Evaluation of Functionalized Porous Titanium Implants for Enhancing Angiogenesis in Vitro. Materials, 2016, 9, 304.	1.3	5
15	Systematic analysis about residual chloroform removal from PCL films. Current Directions in Biomedical Engineering, 2018, 4, 567-569.	0.2	4
16	Physico chemical and phase separation characterization of high molecular PLLA blended with low molecular PCL obtained from solvent cast processes. Materials Research Express, 2020, 7, 095302.	0.8	4
17	Controlled biodegradation of metallic biomaterials by plasma polymer coatings using hexamethyldisiloxane and allylamine monomers. Current Directions in Biomedical Engineering, 2019, 5, 315-317.	0.2	3
18	Immobilizing hydrolytic active Papain on biodegradable PLLA for biofilm inhibition in cardiovascular applications. Current Directions in Biomedical Engineering, 2020, 6, 172-175.	0.2	3

#	Article	IF	Citations
19	Systemic analysis about residual chloroform in PLLA films. Current Directions in Biomedical Engineering, 2016, 2, 49-52.	0.2	2
20	Influence of bulk incorporation of FDAc and PTX on polymer properties. Current Directions in Biomedical Engineering, 2017, 3, 691-694.	0.2	1
21	Surface functionalization of poly(Îµ-caprolactone) and poly(3-hydroxybutyrate) with VEGF. BioNanoMaterials, 2017, 18, .	1.4	1
22	Dexamethasone release from photopolymerised PEGDA700 for cochlea drug delivery. Current Directions in Biomedical Engineering, 2020, 6, 82-84.	0.2	0
23	A hydrogel based quasi-stationary test system for in vitro dexamethasone release studies for middle ear drug delivery systems. Current Directions in Biomedical Engineering, 2021, 7, 692-695.	0.2	0