

Michael Teske

List of Publications by Year in descending order

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23
papers

1,452
citations

1039406

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21
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docs citations

23
times ranked

3850
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerated Endothelialization of Nanofibrous Scaffolds for Biomimetic Cardiovascular Implants. <i>Materials</i> , 2022, 15, 2014.	1.3	9
2	A hydrogel based quasi-stationary test system for in vitro dexamethasone release studies for middle ear drug delivery systems. <i>Current Directions in Biomedical Engineering</i> , 2021, 7, 692-695.	0.2	0
3	Physico chemical and phase separation characterization of high molecular PLLA blended with low molecular PCL obtained from solvent cast processes. <i>Materials Research Express</i> , 2020, 7, 095302.	0.8	4
4	Immobilizing hydrolytic active Papain on biodegradable PLLA for biofilm inhibition in cardiovascular applications. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, 172-175.	0.2	3
5	Dexamethasone release from photopolymerised PEGDA700 for cochlea drug delivery. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, 82-84.	0.2	0
6	Controlled biodegradation of metallic biomaterials by plasma polymer coatings using hexamethyldisiloxane and allylamine monomers. <i>Current Directions in Biomedical Engineering</i> , 2019, 5, 315-317.	0.2	3
7	Systematic analysis about residual chloroform removal from PCL films. <i>Current Directions in Biomedical Engineering</i> , 2018, 4, 567-569.	0.2	4
8	Osteointegration of Porous Poly- $\hat{\mu}$ -Caprolactone-Coated and Previtallised Magnesium Implants in Critically Sized Calvarial Bone Defects in the Mouse Model. <i>Materials</i> , 2018, 11, 6.	1.3	13
9	Comparison of Six Different Silicones In Vitro for Application as Glaucoma Drainage Device. <i>Materials</i> , 2018, 11, 341.	1.3	6
10	Influence of bulk incorporation of FdAc and PTX on polymer properties. <i>Current Directions in Biomedical Engineering</i> , 2017, 3, 691-694.	0.2	1
11	Surface functionalization of poly($\hat{\mu}$ -caprolactone) and poly(3-hydroxybutyrate) with VEGF. <i>BioNanoMaterials</i> , 2017, 18, .	1.4	1
12	In Vitro Evaluation of PCL and P(3HB) as Coating Materials for Selective Laser Melted Porous Titanium Implants. <i>Materials</i> , 2017, 10, 1344.	1.3	13
13	Systemic analysis about residual chloroform in PLLA films. <i>Current Directions in Biomedical Engineering</i> , 2016, 2, 49-52.	0.2	2
14	Poly- $\hat{\mu}$ -caprolactone Coated and Functionalized Porous Titanium and Magnesium Implants for Enhancing Angiogenesis in Critically Sized Bone Defects. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1.	1.8	1,160
15	Evaluation of Functionalized Porous Titanium Implants for Enhancing Angiogenesis in Vitro. <i>Materials</i> , 2016, 9, 304.	1.3	5
16	Comparison of Selective Laser Melted Titanium and Magnesium Implants Coated with PCL. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13287-13301.	1.8	29
17	Surface Modification of Biodegradable Polymers towards Better Biocompatibility and Lower Thrombogenicity. <i>PLoS ONE</i> , 2015, 10, e0142075.	1.1	32
18	SLM Produced Porous Titanium Implant Improvements for Enhanced Vascularization and Osteoblast Seeding. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7478-7492.	1.8	72

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19	Chemical activation and changes in surface morphology of poly(ϵ -caprolactone) modulate VEGF responsiveness of human endothelial cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2003-2015.	1.7	7
20	Enhanced Hydrolytic Degradation of Heterografted Polyglycidols: Phosphonoethylated Monoester and Polycaprolactone Grafts. <i>Biomacromolecules</i> , 2013, 14, 3985-3996.	2.6	8
21	Development and In Vitro Characterization of Hyaluronic Acid-Based Coatings for Implant-Associated Local Drug Delivery Systems. <i>Journal of Chemistry</i> , 2013, 2013, 1-11.	0.9	13
22	Surface functionalization of poly(ϵ -caprolactone) improves its biocompatibility as scaffold material for bioartificial vessel prostheses. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 98B, 89-100.	1.6	45
23	Synthesis, characterization and in vitro degradation of 3D-microstructured poly(ϵ -caprolactone) resins. <i>Polymer Chemistry</i> , 2010, 1, 1215.	1.9	22