Pablo Christian Caracciolo

List of Publications by Citations

23	365	10	19
papers	citations	h-index	g-index
26	416	4.4	3.39
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
23	Effect of the hard segment chemistry and structure on the thermal and mechanical properties of novel biomedical segmented poly(esterurethanes). *Journal of Materials Science: Materials in Medicine*, **2009**, 20, 145-55	4.5	62
22	Mechanical behavior of bilayered small-diameter nanofibrous structures as biomimetic vascular grafts. *Journal of the Mechanical Behavior of Biomedical Materials*, **2016**, 60, 220-233	4.1	51
21	Electrospinning of novel biodegradable poly(ester urethane)s and poly(ester urethane urea)s for soft tissue-engineering applications. *Journal of Materials Science: Materials in Medicine*, **2009**, 20, 2129-37	4.5	43
20	Segmented poly(esterurethane urea)s from novel urea-diol chain extenders: synthesis, characterization and in vitro biological properties. *Acta Biomaterialia*, **2008**, 4, 976-88	10.8	40
19	Optimization of poly(L-lactic acid)/segmented polyurethane electrospinning process for the production of bilayered small-diameter nanofibrous tubular structures. *Materials Science and Engineering C*, **2014**, 42, 489-99	8.3	37
18	Surface-modified bioresorbable electrospun scaffolds for improving hemocompatibility of vascular grafts. *Materials Science and Engineering C*, **2017**, 75, 1115-1127	8.3	30
17	Structural characterization of electrospun micro/nanofibrous scaffolds by liquid extrusion porosimetry: a comparison with other techniques. *Materials Science and Engineering C*, **2014**, 41, 335-42	8.3	21
16	In vitro degradation of electrospun poly(l-lactic acid)/segmented poly(ester urethane) blends. *Polymer Degradation and Stability*, **2016**, 126, 159-169	4.7	15
15	Biodegradable polyurethanes: Comparative study of electrospun scaffolds and films. *Journal of Applied Polymer Science*, **2011**, 121, 3292-3299	2.9	13
14	Electrospun scaffolds with enlarged pore size: Porosimetry analysis. *Materials Letters*, **2018**, 227, 191-193	3.3	12
13	Synthesis, characterization and applications of amphiphilic elastomeric polyurethane networks in drug delivery. *Polymer Journal*, **2013**, 45, 331-338	2.7	7
12	Dexamethasone-Loaded Chitosan Beads Coated with a pH-Dependent Interpolymer Complex for Colon-Specific Drug Delivery. *International Journal of Polymer Science*, **2019**, 2019, 1-9	2.4	6
11	Development of Electrospun Nanofibers for Biomedical Applications: State of the Art in Latin America. *Journal of Biomaterials and Tissue Engineering*, **2013**, 3, 39-60	0.3	6
10	Polyurethane-based structures obtained by additive manufacturing technologies **2019**, 235-258		5
9	Latest advances in electrospun plant-derived protein scaffolds for biomedical applications. *Current Opinion in Biomedical Engineering*, **2021**, 18, 100243	4.4	5
8	Elasticity response of electrospun bioresorbable small-diameter vascular grafts: Towards a biomimetic mechanical response. *Materials Letters*, **2017**, 209, 175-177	3.3	3
7	Evaluation of human umbilical vein endothelial cells growth onto heparin-modified electrospun vascular grafts. *International Journal of Biological Macromolecules*, **2021**, 179, 567-575	7.9	3

6	Novel three-dimensional printing of poly(ester urethane) scaffolds for biomedical applications. *Polymers for Advanced Technologies*, **2021**, 32, 3309-3321	3.2	2
5	Evaluation of cytotoxic activity of mono-PEGylated AP3 (aspartic protease 3) forms. *Biotechnology Reports (Amsterdam, Netherlands)*, **2014**, 3, 1-7	5.3	1
4	Novel Poly(ester urethane urea)/Polydioxanone Blends: Electrospun Fibrous Meshes and Films. *Molecules*, **2021**, 26,	4.8	1
3	Micro/nanofiber-based scaffolds for soft tissue engineering applications: Potential and current challenges **2016**, 201-229		1
2	Lysine-oligoether-modified electrospun poly(carbonate urethane) matrices for improving hemocompatibility response. *Polymer Journal*,	2.7	1
1	High pressure assessment of bilayered electrospun vascular grafts by means of an Electroforce Biodynamic System□ . *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2015**, 2015, 3533-6	0.9	