Tiago R Correia

List of Publications by Year
in descending order

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25 papers	755 citations	623574 14 h-index	580701 25 g-index
25 all docs	25 docs citations	25 times ranked	1304 citing authors

#	Article	IF	Citations
1	Production and characterization of chitosan/gelatin/Î²-TCP scaffolds for improved bone tissue regeneration. Materials Science and Engineering C, 2015, 55, 592-604.	3.8	128
2	Natural melanin: A potential pH-responsive drug release device. International Journal of Pharmaceutics, 2014, 469, 140-145.	2.6	82
3	Surface modification of polyurethane films by plasma and ultraviolet light to improve haemocompatibility for artificial heart valves. Colloids and Surfaces B: Biointerfaces, 2014, 113, 25-32.	2.5	81
4	Bioinspired multilayer membranes as potential adhesive patches for skin wound healing. Biomaterials Science, 2018, 6, 1962-1975.	2.6	61
5	3D Printed scaffolds with bactericidal activity aimed for bone tissue regeneration. International Journal of Biological Macromolecules, 2016, 93, 1432-1445.	3.6	52
6	Freeform 3D printing using a continuous viscoelastic supporting matrix. Biofabrication, 2020, 12, 035017.	3.7	49
7	Development of UV cross-linked gelatin coated electrospun poly(caprolactone) fibrous scaffolds for tissue engineering. International Journal of Biological Macromolecules, 2016, 93, 1539-1548.	3.6	38
8	Natural Origin Biomaterials for 4D Bioprinting Tissueâ€Like Constructs. Advanced Materials Technologies, 2021, 6, 2100168.	3.0	27
9	Novel Biodegradable Laminarin Microparticles for Biomedical Applications. Bulletin of the Chemical Society of Japan, 2020, 93, 713-719.	2.0	26
10	Bioinstructive Layer-by-Layer-Coated Customizable 3D Printed Perfusable Microchannels Embedded in Photocrosslinkable Hydrogels for Vascular Tissue Engineering. Biomolecules, 2021, 11, 863.	1.8	25
11	Photocurable bioadhesive based on lactic acid. Materials Science and Engineering C, 2016, 58, 601-609.	3.8	24
12	New drug-eluting lenses to be applied as bandages after keratoprosthesis implantation. International Journal of Pharmaceutics, 2014, 477, 218-226.	2.6	20
13	Controlled release of moxifloxacin from intraocular lenses modified by Ar plasma-assisted grafting with AMPS or SBMA: An in vitro study. Colloids and Surfaces B: Biointerfaces, 2017, 156, 95-103.	2.5	19
14	Surface modification of an intraocular lens material by plasma-assisted grafting with 2-hydroxyethyl methacrylate (HEMA), for controlled release of moxifloxacin. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 120, 52-62.	2.0	19
15	Functionalized polyester-based materials as UV curable adhesives. European Polymer Journal, 2019, 120, 109196.	2.6	15
16	Poly(ester amide)s based on (L)-lactic acid oligomers and Î±-amino acids: influence of the Î±-amino acid side chain in the poly(ester amide)s properties. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1391-1409.	1.9	14
17	A bi-layer electrospun nanofiber membrane for plasmid DNA recovery from fermentation broths. Separation and Purification Technology, 2013, 112, 20-25.	3.9	14
18	Partial Coated Stem Cells with Bioinspired Silica as New Generation of Cellular Hybrid Materials. Advanced Functional Materials, 2021, 31, 2009619.	7.8	14

#	Article	IF	Citations
19	Modification of microfiltration membranes by hydrogel impregnation for p<scp>DNA</scp> purification. Journal of Applied Polymer Science, 2015, 132, .	1.3	10
20	Functionalization and photocuring of an L-lactic acid macromer for biomedical applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 497-507.	1.8	10
21	Preparation of functionalized poly(caprolactone diol)/castor oils blends to be applied as photocrosslinkable tissue adhesives. Journal of Applied Polymer Science, 2020, 137, 49092.	1.3	10
22	Microparticles orchestrating cell fate in bottom-up approaches. Current Opinion in Biotechnology, 2022, 73, 276-281.	3.3	8
23	3D scaffolds coated with nanofibers displaying bactericidal activity for bone tissue applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 432-442.	1.8	7
24	Thin Silicaâ€Based Microsheets with Controlled Geometry. European Journal of Inorganic Chemistry, 2020, 2020, 1574-1578.	1.0	1
25	Cellâ€Based Therapy: Partial Coated Stem Cells with Bioinspired Silica as New Generation of Cellular Hybrid Materials (Adv. Funct. Mater. 29/2021). Advanced Functional Materials, 2021, 31, 2170211.	7.8	1