

# Cã©lia Henriques

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

779  
citations

687363

13  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1367  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the Incorporation of Chitosan Flakes in Electrospun Polycaprolactone Scaffolds. <i>Polymers</i> , 2022, 14, 1496.	4.5	7
2	Oxygen Plasma Treated-Electrospun Polyhydroxyalkanoate Scaffolds for Hydrophilicity Improvement and Cell Adhesion. <i>Polymers</i> , 2021, 13, 1056.	4.5	17
3	Customized tracheal design using 3D printing of a polymer hydrogel: influence of UV laser cross-linking on mechanical properties. <i>3D Printing in Medicine</i> , 2019, 5, 12.	3.1	11
4	Using water to control electrospun Polycaprolactone fibre morphology for soft tissue engineering. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	6
5	Electrospun biodegradable chitosan based-poly(urethane urea) scaffolds for soft tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 103, 109819.	7.3	33
6	Polymer blending or fiber blending: A comparative study using chitosan and poly( $\epsilon$ -caprolactone) electrospun fibers. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47191.	2.6	16
7	Synthesis, electrospinning and in vitro test of a new biodegradable gelatin-based poly(ester urethane) Tj ETQq1 1 0,784314 rgBT /Overd	5.4	22
8	Cellulose-based electrospun fibers functionalized with polypyrrole and polyaniline for fully organic batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 256-265.	10.3	53
9	Evaluation of nanofibrous scaffolds obtained from blends of chitosan, gelatin and polycaprolactone for skin tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 1174-1185.	7.5	134
10	Simultaneous photo-induced cross-linking and silver nanoparticle formation in a PVP electrospun wound dressing. <i>Materials Letters</i> , 2017, 207, 145-148.	2.6	32
11	Electrospun mats of biodegradable chitosan-based polyurethane urea. , 2015, , .		0
12	In vitro and in vivo evaluation of electrospun nanofibers of PCL, chitosan and gelatin: A comparative study. <i>Materials Science and Engineering C</i> , 2015, 46, 348-358.	7.3	210
13	Electrospinning polycaprolactone dissolved in glacial acetic acid: Fiber production, nonwoven characterization, and <i>In Vitro</i> evaluation. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	54
14	In vitro evaluation of crosslinked electrospun fish gelatin scaffolds. <i>Materials Science and Engineering C</i> , 2013, 33, 1219-1227.	7.3	77
15	A Systematic Study of Solution and Processing Parameters on Nanofiber Morphology Using a New Electrospinning Apparatus. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3535-3545.	0.9	55
16	Extraction of aluminium surface energies from slab calculations: perturbative and non-perturbative approaches. <i>Progress in Surface Science</i> , 2003, 74, 209-217.	8.3	15
17	Extraction of aluminium surface energies from slab calculations: perturbative and non-perturbative approaches. <i>Progress in Surface Science</i> , 2003, 74, 209-217.	8.3	1
18	Dependence of metal surface properties on the valence-electron density in the stabilized jellium model. <i>Vacuum</i> , 2001, 63, 135-138.	3.5	8

#	ARTICLE	IF	CITATIONS
19	Metallic slabs: perturbative treatments based on jellium. Progress in Surface Science, 2001, 67, 285-298.	8.3	4
20	Slabs of stabilized jellium: Quantum-size and self-compression effects. Physical Review B, 2000, 62, 1699-1705.	3.2	20
21	The negative ionization of sputtered carbon atoms. Applied Surface Science, 1999, 144-145, 208-211.	6.1	0
22	Evanescence core pseudopotential: Applications to surfaces and clusters. Progress in Surface Science, 1996, 53, 315-322.	8.3	4