

Fernando Ribeiro Oliveira

List of Publications by Year in descending order

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papers

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643344

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1398
citing authors

#	ARTICLE	IF	CITATIONS
1	Screen Printing of Cotton Fabric with Hydrochromic Paste: Evaluation of Color Uniformity, Reversibility and Fastness Properties. <i>Journal of Natural Fibers</i> , 2022, 19, 2694-2705.	1.7	5
2	Optimization of the polyester fabric dyeing process using coumarin as a green carrier. <i>Textile Research Journal</i> , 2022, 92, 3875-3888.	1.1	3
3	The Use of Textiles in the Wound Healing: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 1438-1449.	1.1	4
4	Natural and artificial knitted fabrics functionalized with <i>Cordia curassavica</i> accelerate excisional wound healing in mice. <i>Revista Brasileira De Farmacognosia</i> , 2022, 32, 86-98.	0.6	1
5	Energy absorption from composite reinforced with high performance auxetic textile structure. <i>Journal of Composite Materials</i> , 2021, 55, 1003-1013.	1.2	15
6	Seawater as an alternative to dye cotton fiber with reactive dyes. <i>Textile Research Journal</i> , 2021, 91, 1184-1193.	1.1	3
7	Surface functionalization of greige cotton knitted fabric through plasma and cationization for dyeing with reactive and acid dyes. <i>Cellulose</i> , 2021, 28, 9971-9990.	2.4	14
8	Preparation of cationic cotton through reaction with different polyelectrolytes. <i>Cellulose</i> , 2021, 28, 11679-11700.	2.4	14
9	Cationization of cotton fiber: an integrated view of cationic agents, processes variables, properties, market and future prospects. <i>Cellulose</i> , 2020, 27, 8527-8550.	2.4	47
10	Statistical study of performance properties to impact of Kevlar® woven impregnated with Non-Newtonian Fluid (NNF). <i>Journal of Materials Research and Technology</i> , 2020, 9, 3330-3339.	2.6	15
11	Experimental analysis of the impact protection properties for Kevlar® fabrics under different orientation layers and non-Newtonian fluid compositions. <i>Journal of Composite Materials</i> , 2020, 54, 3515-3526.	1.2	11
12	Multifunctional Chitosan/Gold Nanoparticles Coatings for Biomedical Textiles. <i>Nanomaterials</i> , 2019, 9, 1064.	1.9	48
13	Military Textiles - An Overview of New Developments. <i>Key Engineering Materials</i> , 2019, 812, 120-126.	0.4	8
14	Cotton Fabric Bleached with Seawater: Mechanical and Coloristic Properties. <i>Materials Research</i> , 2019, 22, .	0.6	3
15	Laccase-mediated grafting of polyphenols onto cationized cotton fibers to impart UV protection and antioxidant activities. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45801.	1.3	19
16	New Possibilities of Raw Cotton Pre-treatment before reactive dyeing. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 460, 012026.	0.3	5
17	High-performance composite with negative Poisson's ratio. <i>Journal of Materials Research</i> , 2017, 32, 3477-3484.	1.2	14
18	Dyeing of cotton and polyester blended fabric previously cationized with synthetic and natural polyelectrolytes. <i>Procedia Engineering</i> , 2017, 200, 309-316.	1.2	13

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19	Applications Of Natural Fibers On Architecture. <i>Procedia Engineering</i> , 2017, 200, 317-324.	1.2	23
20	Physical, Chemical and Morphological Characterization of Polyamide Fabrics Treated with Plasma Discharge. <i>Materials Research</i> , 2017, 20, 60-68.	0.6	17
21	Formation, antimicrobial activity, and controlled release from cotton fibers with deposited functional polymers. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	16
22	Tinctorial behavior of curaua and banana fibers and dyeing wastewater treatment by porous alumina membranes. <i>Desalination and Water Treatment</i> , 2016, 57, 2750-2758.	1.0	3
23	Development of porous alumina membranes for treatment of textile effluent. <i>Desalination and Water Treatment</i> , 2016, 57, 2640-2648.	1.0	16
24	Reuse of effluent from dyeing process of polyamide fibers modified by double barrier discharge (DBD) plasma. <i>Desalination and Water Treatment</i> , 2016, 57, 2649-2656.	1.0	3
25	Size and Aging Effects on Antimicrobial Efficiency of Silver Nanoparticles Coated on Polyamide Fabrics Activated by Atmospheric DBD Plasma. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13731-13744.	4.0	103
26	Extraction and Characterization of Cellulosic Nanowhisker Obtained from Discarded Cotton Fibers. <i>Materials Today: Proceedings</i> , 2015, 2, 1-7.	0.9	39
27	Photocatalytic Properties of Sisal Fiber Coated with Nano Titanium Dioxide. <i>Materials Today: Proceedings</i> , 2015, 2, 41-48.	0.9	4
28	Plasma Treatment in Textile Industry. <i>Plasma Processes and Polymers</i> , 2015, 12, 98-131.	1.6	206
29	Functionalization of Natural Cork Composite with Microcapsules after Plasma Treatment. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-8.	1.0	7
30	Dyeing mechanism and optimization of polyamide 6,6 functionalized with double barrier discharge (DBD) plasma in air. <i>Applied Surface Science</i> , 2014, 293, 177-186.	3.1	64
31	Enhanced adhesion of polypyrrole/PW ₁₂ O hybrid coatings on polyester fabrics. <i>Journal of Applied Polymer Science</i> , 2013, 129, 422-433.	1.3	16
32	Effect of Particle Size on Silver Nanoparticle Deposition onto Dielectric Barrier Discharge (DBD) Plasma Functionalized Polyamide Fabric. <i>Plasma Processes and Polymers</i> , 2013, 10, 285-296.	1.6	45
33	Functionalization of wool fabric with phase change materials microcapsules after plasma surface modification. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2638-2647.	1.3	53
34	Surface Modification of Banana Fibers by DBD Plasma Treatment. <i>Plasma Chemistry and Plasma Processing</i> , 2012, 32, 259-273.	1.1	57
35	Poliamid Boyama ĀĀleminde DBD Plazma Modifikasyonunun Etkisi. <i>Tekstil Ve Muhendis</i> , 2012, , 20-25.	0.3	5
36	Surface Modification on Polyamide 6.6 with Double Barrier Discharge (DBD) Plasma to Optimise Dyeing Process by Direct Dyes. <i>Materials Science Forum</i> , 2010, 636-637, 846-852.	0.3	18

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37	Dyeing of Meta-Aramid Fibres Previously Functionalized with Poly(Diallyldimethylammonium) Tj ETQq1 1 0.784314	0.4	6