Monica Periolatto

List of Publications by Year
in descending order

37 papers	929 citations	430442 18 h-index	476904 29 g-index
40 all docs	40 docs citations	40 times ranked	1038 citing authors

#	Article	IF	Citations
1	Antimicrobial Finish of Textiles by Chitosan UV-Curing. Journal of Nanoscience and Nanotechnology, 2012, 12, 4803-4810.	0.9	77
2	Application of fluorinated compounds to cotton fabrics via solâ€“gel. Applied Surface Science, 2013, 275, 201-207.	3.1	66
3	Adsorption of chromate and cupric ions onto chitosan-coated cotton gauze. Carbohydrate Polymers, 2014, 110, 367-373.	5.1	63
4	Antimicrobial chitosan finish of cotton and silk fabrics by UV-curing with 2-hydroxy-2-methylphenylpropane-1-one. Carbohydrate Polymers, 2012, 88, 201-205.	5.1	54
5	Hydrorepellent finishing of cotton fabrics by chemically modified TEOS based nanosol. Cellulose, 2013, 20, 355-364.	2.4	52
6	Multifunctional finishing of wool fabrics by chitosan UV-grafting: An approach. Carbohydrate Polymers, 2013, 98, 624-629.	5.1	50
7	Sustainable antimicrobial finishing of cotton fabrics by chitosan UV-grafting: from laboratory experiments to semi industrial scale-up. Journal of Cleaner Production, 2015, 96, 244-252.	4.6	42
8	Alcohol-assisted dyeing processes: a chemical substitution study. Journal of Cleaner Production, 2011, 19, 1377-1384.	4.6	41
9	Hydrophobic sol-gel finishing for textiles: Improvement by plasma pre-treatment. Textile Reseach Journal, 2013, 83, 1190-1200.	1.1	39
10	Chitosan coated cotton gauze for antibacterial water filtration. Carbohydrate Polymers, 2014, 103, 207-212.	5.1	37
11	Water and oil-repellent coatings of perfluoro-polyacrylate resins on cotton fibers: UV curing in comparison with thermal polymerization. Fibers and Polymers, 2012, 13, 191-198.	1.1	35
12	Glycerol in comparison with ethanol in alcohol-assisted dyeing. Journal of Cleaner Production, 2012, 33, 127-131.	4.6	34
13	Cotton and polyester surface modification by methacrylic silane and fluorinated alkoxysilane via solâ€“gel and UV-curing coupled process. Surface and Coatings Technology, 2015, 271, 165-173.	2.2	28
14	DNA-chitosan cross-linking and photografting to cotton fabrics to improve washing fastness of the fire-resistant finishing. Cellulose, 2016, 23, 3963-3984.	2.4	28
15	Low temperature dyeing of wool fabric by acid dye after UV irradiation. Journal of the Textile Institute, 2014, 105, 1058-1064.	1.0	27
16	Enzymeâ€aided wool dyeing with a neutral protease at reduced temperatures. Engineering in Life Sciences, 2010, 10, 474-479.	2.0	23
17	Ultraviolet Curing for Surface Modification of Textile Fabrics. Journal of Nanoscience and Nanotechnology, 2011, 11, 8663-8669.	0.9	23
18	A Simple Preparation of Photoactive Glass Surfaces Allowing Coatings via the â€œGrafting-fromâ€• Method. ACS Applied Materials & Interfaces, 2016, 8, 19764-19771.	4.0	19

#	Article	IF	Citations
19	Silk grafting with chitosan and crosslinking agents. Fibers and Polymers, 2010, 11, 185-192.	1.1	16
20	Functionalized fibrous materials for the removal of dyes. Clean Technologies and Environmental Policy, 2012, 14, 487-494.	2.1	15
21	Crown-Ether Functionalized Graphene Oxide Membrane for Lithium Recovery from Water. Membranes, 2022, 12, 233.	1.4	15
22	Differential dyeing of wool fabric with metalâ€complex dyes after ultraviolet irradiation. Coloration Technology, 2014, 130, 327-333.	0.7	14
23	Enzyme-aided wool dyeing: Influence of internal lipids. Fibers and Polymers, 2015, 16, 363-369.	1.1	14
24	Silk grafting with methacrylic and epoxy monomers: Thermal process in comparison with ultraviolet curing. Journal of Applied Polymer Science, 2008, 110, 1019-1027.	1.3	13
25	Polymer-metal complexes as emerging catalysts for electrochemical reduction of carbon dioxide. Journal of Applied Electrochemistry, 2021, 51, 1301-1311.	1.5	12
26	Silk grafting with methacrylic monomers: Process optimization and comparison. Journal of Applied Polymer Science, 2007, 103, 4039-4046.	1.3	11
27	Modification of Surface Energy and Wetting of Textile Fibers. , 0, , .		10
28	Water and Oil Repellent Finishing of Textiles by UV Curing: Evaluation of the Influence of Scaled-Up Process Parameters. Coatings, 2017, 7, 60.	1.2	10
29	Graphene Oxide Membranes for Trace Hydrocarbon Contaminant Removal from Aqueous Solution. Nanomaterials, 2020, 10, 2242.	1.9	10
30	Novel Antimicrobial Agents and Processes for Textile Applications. , 0, , .		9
31	Influence of protease on dyeing of wool with acid dyes. Open Chemistry, 2011, 9, 157-164.	1.0	8
32	Stability of ultraviolet-cured chitosan coating on cotton gauze for water filtration. Journal of Industrial Textiles, 2019, 48, 1384-1396.	1.1	8
33	Wettability and comfort of cellulosic materials modified by photo grafting of non-fluorinated oligomers. Cellulose, 2016, 23, 1447-1458.	2.4	5
34	Cr (VI) adsorption from aqueous solutions on grafted chitosan. Canadian Journal of Chemical Engineering, 2020, 98, 1483-1494.	0.9	5
35	UV Treatments on Cotton Fibers. , 0, , .		2
36	Advanced Epoxy-Based Anticorrosion Coatings Containing Graphite Oxide. Advanced Structured Materials, 2017, , 135-143.	0.3	2

#	Article	IF	Citations
37	Surface modification and characterization of cellulose-based filters for water-oil separation. AIP Conference Proceedings, 2018, , .	0.3	0