Monica Periolatto

List of Publications by Citations

37 papers	715 citations	17 h-index	26 g-index
40 ext. papers	814 ext. citations	4.7 avg, IF	4.29 L-index

#	Paper	IF	Citations
37	Adsorption of chromate and cupric ions onto chitosan-coated cotton gauze. *Carbohydrate Polymers*, **2014**, 110, 367-73	10.3	53
36	Application of fluorinated compounds to cotton fabrics via sol-gel. *Applied Surface Science*, **2013**, 275, 201-207	6.7	53
35	Antimicrobial finish of textiles by chitosan UV-curing. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 4803-10	1.3	51
34	Antimicrobial chitosan finish of cotton and silk fabrics by UV-curing with 2-hydroxy-2-methylphenylpropane-1-one. *Carbohydrate Polymers*, **2012**, 88, 201-205	10.3	49
33	Hydrorepellent finishing of cotton fabrics by chemically modified TEOS based nanosol. *Cellulose*, **2013**, 20, 355-364	5.5	46
32	Multifunctional finishing of wool fabrics by chitosan UV-grafting: an approach. *Carbohydrate Polymers*, **2013**, 98, 624-9	10.3	43
31	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	10.3	35
30	Alcohol-assisted dyeing processes: a chemical substitution study. *Journal of Cleaner Production*, **2011**, 19, 1377-1384	10.3	35
29	Chitosan coated cotton gauze for antibacterial water filtration. *Carbohydrate Polymers*, **2014**, 103, 207-12	10.3	34
28	Hydrophobic sol-gel finishing for textiles: Improvement by plasma pre-treatment. *Textile Reseach Journal*, **2013**, 83, 1190-1200	1.7	32
27	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	2	27
26	Glycerol in comparison with ethanol in alcohol-assisted dyeing. *Journal of Cleaner Production*, **2012**, 33, 127-131	10.3	26
25	Cotton and polyester surface modification by methacrylic silane and fluorinated alkoxysilane via sol-gel and UV-curing coupled process. *Surface and Coatings Technology*, **2015**, 271, 165-173	4.4	21
24	DNA-chitosan cross-linking and photografting to cotton fabrics to improve washing fastness of the fire-resistant finishing. *Cellulose*, **2016**, 23, 3963-3984	5.5	20
23	Enzyme-aided wool dyeing with a neutral protease at reduced temperatures. *Engineering in Life Sciences*, **2010**, 10, 474-479	3.4	20
22	Ultraviolet curing for surface modification of textile fabrics. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 8663-9	1.3	19
21	Low temperature dyeing of wool fabric by acid dye after UV irradiation. *Journal of the Textile Institute*, **2014**, 105, 1058-1064	1.5	18

20	A Simple Preparation of Photoactive Glass Surfaces Allowing Coatings via the "Grafting-from" Method. *ACS Applied Materials & Interfaces*, **2016**, 8, 19764-71	9.5	16
19	Functionalized fibrous materials for the removal of dyes. *Clean Technologies and Environmental Policy*, **2012**, 14, 487-494	4.3	13
18	Silk grafting with methacrylic and epoxy monomers: Thermal process in comparison with ultraviolet curing. *Journal of Applied Polymer Science*, **2008**, 110, 1019-1027	2.9	13
17	Silk grafting with chitosan and crosslinking agents. *Fibers and Polymers*, **2010**, 11, 185-192	2	12
16	Silk grafting with methacrylic monomers: Process optimization and comparison. *Journal of Applied Polymer Science*, **2007**, 103, 4039-4046	2.9	9
15	Enzyme-aided wool dyeing: Influence of internal lipids. *Fibers and Polymers*, **2015**, 16, 363-369	2	8
14	Modification of Surface Energy and Wetting of Textile Fibers **2015**,		8
13	Differential dyeing of wool fabric with metal-complex dyes after ultraviolet irradiation. *Coloration Technology*, **2014**, 130, 327-333	2	7
12	Water and Oil Repellent Finishing of Textiles by UV Curing: Evaluation of the Influence of Scaled-Up Process Parameters. *Coatings*, **2017**, 7, 60	2.9	6
11	Influence of protease on dyeing of wool with acid dyes. *Open Chemistry*, **2011**, 9, 157-164	1.6	6
10	Wettability and comfort of cellulosic materials modified by photo grafting of non-fluorinated oligomers. *Cellulose*, **2016**, 23, 1447-1458	5.5	5
9	Novel Antimicrobial Agents and Processes for Textile Applications **2017**,		4
8	Stability of ultraviolet-cured chitosan coating on cotton gauze for water filtration. *Journal of Industrial Textiles*, **2019**, 48, 1384-1396	1.6	4
7	Polymer-metal complexes as emerging catalysts for electrochemical reduction of carbon dioxide. *Journal of Applied Electrochemistry*, **2021**, 51, 1301-1311	2.6	3
6	Advanced Epoxy-Based Anticorrosion Coatings Containing Graphite Oxide. *Advanced Structured Materials*, **2017**, 135-143	0.6	2
5	Graphene Oxide Membranes for Trace Hydrocarbon Contaminant Removal from Aqueous Solution. *Nanomaterials*, **2020**, 10,	5.4	2
4	Cr (VI) adsorption from aqueous solutions on grafted chitosan. *Canadian Journal of Chemical Engineering*, **2020**, 98, 1483-1494	2.3	1
3	UV Treatments on Cotton Fibers **2016**,		1

2 Modification of Wool and Cotton by UV Irradiation for Dyeing and Finishing Processes **2018**, 125-176 1

1 Chitosan Coating on Textile Fibers for Functional Properties **2017**, 165-197