Franco Ferrero

List of Publications by Year in descending order

58 papers	2,725 citations	186209 28 h-index	182361 51 g-index
60 all docs	60 docs citations	60 times ranked	2948 citing authors

#	Article	IF	Citations
1	Fibroin Grafting Onto Wool Fibers. , 2018, , 391-429.		1
2	Sol-Gel Process for Surface Modification of Leather. , 2017, , .		0
3	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
4	TOC removal from Methylene Blue aqueous solutions by adsorption and oxidation in the presence of coal fly ash. Desalination and Water Treatment, 2016, 57, 15843-15847.	1.0	1
5	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
6	Dye removal from aqueous solution using coal fly ash for continuous flow adsorption. Clean Technologies and Environmental Policy, 2015, 17, 1907-1915.	2.1	21
7	Enzyme-aided wool dyeing: Influence of internal lipids. Fibers and Polymers, 2015, 16, 363-369.	1.1	14
8	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
9	Differential dyeing of wool fabric with metalâ€complex dyes after ultraviolet irradiation. Coloration Technology, 2014, 130, 327-333.	0.7	14
10	Xanthoproteic reaction for the evaluation of wool antifelting treatments. Coloration Technology, 2014, 130, 319-326.	0.7	4
11	Chitosan coated cotton gauze for antibacterial water filtration. Carbohydrate Polymers, 2014, 103, 207-212.	5.1	37
12	Adsorption of chromate and cupric ions onto chitosan-coated cotton gauze. Carbohydrate Polymers, 2014, 110, 367-373.	5.1	63
13	Low temperature dyeing of wool fabric by acid dye after UV irradiation. Journal of the Textile Institute, 2014, 105, 1058-1064.	1.0	27
14	Ultrasound-assisted dyeing of cellulose acetate. Ultrasonics Sonochemistry, 2014, 21, 1477-1481.	3.8	39
15	Application of fluorinated compounds to cotton fabrics via solâ€“gel. Applied Surface Science, 2013, 275, 201-207.	3.1	66
16	Hydrophobic sol-gel finishing for textiles: Improvement by plasma pre-treatment. Textile Reseach Journal, 2013, 83, 1190-1200.	1.1	39
17	Multifunctional finishing of wool fabrics by chitosan UV-grafting: An approach. Carbohydrate Polymers, 2013, 98, 624-629.	5.1	50
18	Hydrorepellent finishing of cotton fabrics by chemically modified TEOS based nanosol. Cellulose, 2013, 20, 355-364.	2.4	52

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19	Antimicrobial Finish of Textiles by Chitosan UV-Curing. Journal of Nanoscience and Nanotechnology, 2012, 12, 4803-4810.	0.9	77
20	Glycerol in comparison with ethanol in alcohol-assisted dyeing. Journal of Cleaner Production, 2012, 33, 127-131.	4.6	34
21	Wool Keratin Nanofibres for Copper(II) Adsorption. Journal of Biobased Materials and Bioenergy, 2012, 6, .	0.1	21
22	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
23	Functionalized fibrous materials for the removal of dyes. Clean Technologies and Environmental Policy, 2012, 14, 487-494.	2.1	15
24	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
25	Ultrasound for low temperature dyeing of wool with acid dye. Ultrasonics Sonochemistry, 2012, 19, 601-606.	3.8	87
26	Influence of protease on dyeing of wool with acid dyes. Open Chemistry, 2011, 9, 157-164.	1.0	8
27	Alcohol-assisted dyeing processes: a chemical substitution study. Journal of Cleaner Production, 2011, 19, 1377-1384.	4.6	41
28	Ultraviolet Curing for Surface Modification of Textile Fabrics. Journal of Nanoscience and Nanotechnology, 2011, 11, 8663-8669.	0.9	23
29	Enzymeâ€aided wool dyeing with a neutral protease at reduced temperatures. Engineering in Life Sciences, 2010, 10, 474-479.	2.0	23
30	Silk grafting with chitosan and crosslinking agents. Fibers and Polymers, 2010, 11, 185-192.	1.1	16
31	Adsorption of Methylene Blue on magnesium silicate: Kinetics, equilibria and comparison with other adsorbents. Journal of Environmental Sciences, 2010, 22, 467-473.	3.2	58
32	Atmospheric continuous cold plasma treatment: Thermal and hydrodynamical diagnostics of a plasma jet pilot unit. Chemical Engineering and Processing: Process Intensification, 2010, 49, 65-69.	1.8	14
33	Thermal stability and flame resistance of polypyrrole-coated PET fibres. Journal of Thermal Analysis and Calorimetry, 2008, 94, 559-565.	2.0	41
34	Waterâ€repellent finishing of cotton fabrics by ultraviolet curing. Journal of Applied Polymer Science, 2008, 107, 810-818.	1.3	40
35	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
36	Structure and properties of keratin/PEO blend nanofibres. European Polymer Journal, 2008, 44, 2465-2475.	2.6	159

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37	Study on Cast Membranes and Electrospun Nanofibers Made from Keratin/Fibroin Blends. Biomacromolecules, 2008, 9, 2819-2825.	2.6	93
38	Study on the structure and properties of wool keratin regenerated from formic acid. International Journal of Biological Macromolecules, 2007, 41, 266-273.	3.6	220
39	Process Optimization and Industrial Scale-Up of Chitosan Based Anti-Felting Treatments of Wool. Journal of Natural Fibers, 2007, 4, 77-90.	1.7	19
40	Silk grafting with methacrylic monomers: Process optimization and comparison. Journal of Applied Polymer Science, 2007, 103, 4039-4046.	1.3	11
41	Electrospinning of keratin/poly(ethylene oxide)blend nanofibers. Journal of Applied Polymer Science, 2007, 104, 863-870.	1.3	126
42	Dye removal by low cost adsorbents: Hazelnut shells in comparison with wood sawdust. Journal of Hazardous Materials, 2007, 142, 144-152.	6.5	380
43	Thermal and structural characterization of poly(ethylene-oxide)/keratin blend films. Journal of Thermal Analysis and Calorimetry, 2007, 89, 601-608.	2.0	103
44	Improving the surface properties of cellophane by air plasma treatment. Surface and Coatings Technology, 2006, 200, 4770-4776.	2.2	15
45	Calorimetric analysis of the cross-linking reaction of epoxidized polybutadienes. Journal of Thermal Analysis and Calorimetry, 2006, 83, 373-378.	2.0	6
46	FT-IR study of dopant-wool interactions during PPy deposition. Fibers and Polymers, 2006, 7, 105-111.	1.1	28
47	Pyrrole chemical polymerization on textiles: Kinetics and operating conditions. Journal of Applied Polymer Science, 2006, 102, 4121-4126.	1.3	61
48	Polyurethane resin-based adhesives: curing reaction and properties of cured systems. International Journal of Adhesion and Adhesives, 2005, 25, 87-91.	1.4	61
49	Solvent effect in grafting of liquid polybutadienes with maleic anhydride. Progress in Organic Coatings, 2005, 53, 50-55.	1.9	4
50	Synthesis of polybutadiene-acrylates and properties of the photocured films. Progress in Organic Coatings, 2005, 54, 337-343.	1.9	6
51	Calorimetric analysis of the graft polymerization of maleic anhydride onto liquid polybutadienes. Journal of Thermal Analysis and Calorimetry, 2004, 76, 1057-1067.	2.0	5
52	Performances and properties of intrinsic conductive celluloseâ€“polypyrrole textiles. Synthetic Metals, 2004, 146, 213-221.	2.1	161
53	Wettability measurements on plasma treated synthetic fabrics by capillary rise method. Polymer Testing, 2003, 22, 571-578.	2.3	127
54	Particle Size Analysis of Inorganic Dirt in Raw Wool. Textile Reseach Journal, 1988, 58, 526-530.	1.1	3

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55	Cationic oligomerization of 3-methyl-1-butene catalyzed by BF3-protonic donor complexes. Polymer Bulletin, 1985, 13, 245.	1.7	7
56	Modification of Surface Energy and Wetting of Textile Fibers. , 0, , .		10
57	UV Treatments on Cotton Fibers. , 0, , .		2
58	Novel Antimicrobial Agents and Processes for Textile Applications. , 0, , .		9