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List of Publications by Citations

24 papers	652 citations	15 h-index	25 g-index
25 ext. papers	714 ext. citations	3 avg, IF	3.44 L-index

#	Paper	IF	Citations
24	Surface characterization of keratin fibres treated by water vapour plasma. *Surface and Interface Analysis*, **2003**, 35, 128-135	1.5	65
23	Shrinkage Properties of Wool Treated with Low Temperature Plasma and Chitosan Biopolymer. *Textile Reseach Journal*, **1999**, 69, 811-815	1.7	59
22	Incorporation of poly(N-isopropylacrylamide)/chitosan microgel onto plasma functionalized cotton fibre surface. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2009**, 352, 126-135	5.1	52
21	Microgel-based surface modifying system for stimuli-responsive functional finishing of cotton. *Carbohydrate Polymers*, **2010**, 82, 1306-1314	10.3	47
20	Chitosan/acid dye interactions in wool dyeing system. *Carbohydrate Polymers*, **2005**, 60, 51-59	10.3	46
19	Functionalization of cotton with poly-NiPAAm/chitosan microgel. Part I. Stimuli-responsive moisture management properties. *Cellulose*, **2012**, 19, 257-271	5.5	42
18	Effect of low-temperature plasma and chitosan treatment on wool dyeing with Acid Red 27. *Journal of Applied Polymer Science*, **2005**, 97, 2204-2214	2.9	41
17	Application of temperature and pH responsive microhydrogels for functional finishing of cotton fabric. *Materials Technology*, **2009**, 24, 14-23	2.1	40
16	Shrinkage Properties of Peroxide-Enzyme-Biopolymer Treated Wool. *Textile Reseach Journal*, **2001**, 71, 948-953	1.7	34
15	Smart Textile Materials by Surface Modification with Biopolymeric Systems. *Research Journal of Textile and Apparel*, **2008**, 12, 58-65	1.1	33
14	Functionalization of cotton with poly-NiPAAm/chitosan microgel: Part II. Stimuli-responsive liquid management properties. *Cellulose*, **2012**, 19, 273-287	5.5	27
13	Application of a chitosan/nonionic surfactant mixture to wool assessed by dyeing with a reactive dye. *Coloration Technology*, **2008**, 113, 25-31		27
12	Recycled-wool-based nonwoven material as a sorbent for lead cations. *Journal of Applied Polymer Science*, **2003**, 90, 379-386	2.9	26
11	The Efficiency of an Enzyme Treatment in Reducing Wool Shrinkage. *Journal of the Textile Institute*, **1998**, 89, 390-400	1.5	25
10	Optimization of the Use of Basolan DC in the Shrink-resist Treatment of Wool. *Journal of the Textile Institute*, **1993**, 84, 49-56	1.5	15
9	Sol-gel technology for functional finishing of PES fabric by stimuli-responsive microgel. *Journal of Sol-Gel Science and Technology*, **2012**, 61, 463-476	2.3	11
8	One-bath one-dye class dyeing of PES/cotton blends after corona and chitosan treatment. *Fibers and Polymers*, **2009**, 10, 466-475	2	11

7	The time dependence of chitosan/nonionic surfactant solution viscosity. *Colloid and Polymer Science*, **1996**, 274, 375-383	2.4	9
6	Influence of a Chlorination Treatment on Wool Dyeing. *Textile Reseach Journal*, **1993**, 63, 619-626	1.7	9
5	Reaction of a New Thiol Cationic Surfactant with Bunte Salt in Wool Fibers. *Textile Reseach Journal*, **1997**, 67, 486-493	1.7	8
4	Functional finishing of aminated polyester using biopolymer-based polyelectrolyte microgels. *Biotechnology Journal*, **2011**, 6, 1219-29	5.6	7
3	Removal of metal cations from wastewater using recycled wool-based non-woven material. *Journal of the Serbian Chemical Society*, **2007**, 72, 605-614	0.9	7
2	The Influence of Surface Modification on Related Functional Properties of Wool and Hemp. *Materials Science Forum*, **2005**, 494, 283-290	0.4	6
1	Smart coatings for comfort in clothing **2016**, 331-354		5