

Raffaella Mossotti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4126980/publications.pdf>

Version: 2024-02-01

15
papers

535
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	Degumming of silk fabric with several proteases. <i>Journal of Biotechnology</i> , 2003, 106, 101-112.	3.8	218
2	Superheated Water Hydrolyzed Keratin: A New Application as a Foaming Agent in Foam Dyeing of Cotton and Wool Fabrics. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9150-9159.	6.7	56
3	Hydrorepellent finishing of cotton fabrics by chemically modified TEOS based nanosol. <i>Cellulose</i> , 2013, 20, 355-364.	4.9	52
4	Superheated Water Hydrolysis of Waste Wool in a Semi-Industrial Reactor to Obtain Nitrogen Fertilizers. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 6722-6731.	6.7	40
5	Hydrophobic sol-gel finishing for textiles: Improvement by plasma pre-treatment. <i>Textile Research Journal</i> , 2013, 83, 1190-1200.	2.2	39
6	Thin film deposition by PECVD using HMDSO-O ₂ -Ar gas mixture on knitted wool fabrics in order to improve pilling resistance. <i>Fibers and Polymers</i> , 2008, 9, 566-573.	2.1	24
7	Enzyme-aided wool dyeing with a neutral protease at reduced temperatures. <i>Engineering in Life Sciences</i> , 2010, 10, 474-479.	3.6	23
8	Enzyme-aided wool dyeing: Influence of internal lipids. <i>Fibers and Polymers</i> , 2015, 16, 363-369.	2.1	14
9	Near Infrared Spectroscopy as a Tool for the Determination of Eumelanin in Human Hair. <i>Pigment Cell & Melanoma Research</i> , 2004, 17, 379-385.	3.6	12
10	Mechanical Properties of Silk Yarn Degummed with Several Proteases. <i>Journal of Natural Fibers</i> , 2007, 4, 13-23.	3.1	10
11	Cotton fabric functionalisation with menthol/PCL micro- and nano-capsules for comfort improvement. <i>Journal of Microencapsulation</i> , 2015, 32, 650-660.	2.8	9
12	Oxygen plasma treatment to reduce the dyeing temperature of wool fabrics. <i>Journal of Applied Polymer Science</i> , 2010, 118, 1173-1183.	2.6	8
13	Influence of protease on dyeing of wool with acid dyes. <i>Open Chemistry</i> , 2011, 9, 157-164.	1.9	8
14	A New Approach in the Determination of Eumelanin in Human Hair Using near Infrared Spectroscopy. <i>NIR News</i> , 2005, 16, 10-12.	0.3	2
15	Silk grafting with methacrylamide: A near-infrared spectroscopy study. <i>Journal of Applied Polymer Science</i> , 2011, 120, 253-262.	2.6	2