

Deepti Gupta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3880513/publications.pdf>

Version: 2024-02-01

37
papers

1,185
citations

566801

15
h-index

377514

34
g-index

38
all docs

38
docs citations

38
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial activity of some natural dyes. <i>Dyes and Pigments</i> , 2005, 66, 99-102.	2.0	276
2	Multifunctional properties of cotton fabric treated with chitosan and carboxymethyl chitosan. <i>Carbohydrate Polymers</i> , 2007, 69, 164-171.	5.1	137
3	Antimicrobial properties of natural dyes against Gram-negative bacteria. <i>Coloration Technology</i> , 2004, 120, 167-171.	0.7	135
4	Preparation and application of silver nanoparticles on silk for imparting antimicrobial properties. <i>Journal of Applied Polymer Science</i> , 2008, 108, 614-623.	1.3	122
5	Cleaner process for extraction of sericin using infrared. <i>Journal of Cleaner Production</i> , 2013, 52, 488-494.	4.6	85
6	Dyeing studies with hydroxyanthraquinones extracted from Indian madder. Part 1: Dyeing of nylon with purpurin. <i>Coloration Technology</i> , 2001, 117, 328-332.	0.7	49
7	Dyeing studies with hydroxyanthraquinones extracted from Indian madder. Part 2: Dyeing of nylon and polyester with nordamcanthal. <i>Coloration Technology</i> , 2001, 117, 333-336.	0.7	44
8	Dyeing of woven polyester fabric with curcumin: effect of dye concentrations and surface pre-activation using air atmospheric plasma and ultraviolet excimer treatment. <i>Coloration Technology</i> , 2012, 128, 223-229.	0.7	32
9	Preparation of a multifunctional mulberry silk fabric having hydrophobic and hydrophilic surfaces using VUV excimer lamp. <i>Surface and Coatings Technology</i> , 2007, 201, 7286-7291.	2.2	29
10	Multifunctional dyeing and finishing of polyester with Sericin and Basic dyes. <i>Journal of the Textile Institute</i> , 2017, 108, 314-324.	1.0	25
11	Basic dyeable polyester: a new approach using a VUV excimer lamp. <i>Coloration Technology</i> , 2007, 123, 248-251.	0.7	23
12	Nanoscale surface roughening of mulberry silk by monochromatic VUV excimer lamp. <i>Journal of Applied Polymer Science</i> , 2007, 103, 4102-4106.	1.3	20
13	Modification of one side of mulberry silk fabric by monochromatic VUV excimer lamp. <i>European Polymer Journal</i> , 2007, 43, 4573-4581.	2.6	18
14	Characterization of Pearl Millet (<i>Pennisetum glaucum</i>) waste. <i>Carbohydrate Polymers</i> , 2019, 212, 160-168.	5.1	18
15	Surface functionalization of wool using 172 nm UV excimer lamp. <i>Journal of Applied Polymer Science</i> , 2010, 117, 3448-3453.	1.3	15
16	Sericin-based polyester textile for medical applications. <i>Journal of the Textile Institute</i> , 2015, 106, 366-376.	1.0	15
17	Factors Affecting Bacterial Adhesion on Selected Textile Fibres. <i>Indian Journal of Microbiology</i> , 2021, 61, 31-37.	1.5	15
18	Cleaner process for shrink proofing of wool using ultraviolet radiation and sericin. <i>Journal of the Textile Institute</i> , 2017, 108, 147-153.	1.0	14

#	ARTICLE	IF	CITATIONS
19	Role of fabric properties, moisture and friction in transfer of bacteria from fabric to fabric. Textile Reseach Journal, 2020, 90, 478-485.	1.1	13
20	Bacterial contamination of nurses' white coats after first and second shift. American Journal of Infection Control, 2017, 45, 86-88.	1.1	12
21	Topographical changes in polyester after chemical, physical and enzymatic hydrolysis. Journal of the Textile Institute, 2015, 106, 690-698.	1.0	10
22	Influence of linear density of elastic inlay yarn on pressure generation on human body. Journal of Industrial Textiles, 2016, 46, 1053-1066.	1.1	10
23	Anthropometric Study of Young Indian Men for Garment Sizing. Research Journal of Textile and Apparel, 2010, 14, 82-89.	0.6	9
24	Naphthoquinone colorants from <i>Arnebia nobilis</i> Rech.f. Coloration Technology, 2012, 128, 350-355.	0.7	9
25	Effect of linear density of inlay yarns on the structural characteristics of knitted fabric tube and pressure generation on cylinder. Journal of the Textile Institute, 2015, 106, 39-46.	1.0	9
26	Thermal and mass transport properties of polyester-cotton plated fabrics in relation to back layer fibre profiles and face layer yarn types. Journal of the Textile Institute, 2018, 109, 669-676.	1.0	7
27	New directions in the field of anthropometry, sizing and clothing fit. , 2020, , 3-27.		7
28	Launderometer based test method for determining shrinkage of wool. Journal of the Textile Institute, 2018, 109, 1224-1231.	1.0	6
29	Kinematic modeling of a motorcycle rider for design of functional clothing. International Journal of Clothing Science and Technology, 2019, 31, 856-873.	0.5	5
30	Surveillance of bacterial load and multi-drug resistant bacteria on bedsheets in a primary health care unit. International Journal of Environmental Health Research, 2022, 32, 2040-2051.	1.3	5
31	Transfer of bacteria between fabric and surrogate skin. American Journal of Infection Control, 2022, 50, 758-763.	1.1	4
32	Protective Properties of Textiles Dyed with Natural Dyes. , 2007, , 182-191.		2
33	In situ colouration of wool. Journal of the Textile Institute, 2017, 108, 1822-1827.	1.0	2
34	Design of Ergonomic Garment for Elderly Indian Women. Research Journal of Textile and Apparel, 2013, 17, 118-127.	0.6	1
35	Surface analysis of VUV irradiated mulberry silk through carbonyl group estimation. Fibers and Polymers, 2015, 16, 413-420.	1.1	1
36	A robust method for nucleic acid extraction from fabrics to study bacterial diversity. Journal of Biosciences, 2019, 44, 1.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Temporal variation in bacterial community profile on patients'™ bedsheets in a primary healthcare unit. Archives of Microbiology, 2022, 204, 308.	1.0	0