

Deepti Gupta

List of Publications by Year in descending order

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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	Surveillance of bacterial load and multi-drug resistant bacteria on bedsheets in a primary health care unit. <i>International Journal of Environmental Health Research</i> , 2022, 32, 2040-2051.	1.3	5
2	Transfer of bacteria between fabric and surrogate skin. <i>American Journal of Infection Control</i> , 2022, 50, 758-763.	1.1	4
3	Temporal variation in bacterial community profile on patients' bedsheets in a primary healthcare unit. <i>Archives of Microbiology</i> , 2022, 204, 308.	1.0	0
4	Factors Affecting Bacterial Adhesion on Selected Textile Fibres. <i>Indian Journal of Microbiology</i> , 2021, 61, 31-37.	1.5	15
5	Role of fabric properties, moisture and friction in transfer of bacteria from fabric to fabric. <i>Textile Research Journal</i> , 2020, 90, 478-485.	1.1	13
6	New directions in the field of anthropometry, sizing and clothing fit. , 2020, , 3-27.		7
7	A robust method for nucleic acid extraction from fabrics to study bacterial diversity. <i>Journal of Biosciences</i> , 2019, 44, 1.	0.5	1
8	Characterization of Pearl Millet (<i>Pennisetum glaucum</i>) waste. <i>Carbohydrate Polymers</i> , 2019, 212, 160-168.	5.1	18
9	Kinematic modeling of a motorcycle rider for design of functional clothing. <i>International Journal of Clothing Science and Technology</i> , 2019, 31, 856-873.	0.5	5
10	Launderometer based test method for determining shrinkage of wool. <i>Journal of the Textile Institute</i> , 2018, 109, 1224-1231.	1.0	6
11	Thermal and mass transport properties of polyester-cotton plated fabrics in relation to back layer fibre profiles and face layer yarn types. <i>Journal of the Textile Institute</i> , 2018, 109, 669-676.	1.0	7
12	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
13	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
14	In situ colouration of wool. <i>Journal of the Textile Institute</i> , 2017, 108, 1822-1827.	1.0	2
15	Bacterial contamination of nurses' white coats after first and second shift. <i>American Journal of Infection Control</i> , 2017, 45, 86-88.	1.1	12
16	Influence of linear density of elastic inlay yarn on pressure generation on human body. <i>Journal of Industrial Textiles</i> , 2016, 46, 1053-1066.	1.1	10
17	Effect of linear density of inlay yarns on the structural characteristics of knitted fabric tube and pressure generation on cylinder. <i>Journal of the Textile Institute</i> , 2015, 106, 39-46.	1.0	9
18	Surface analysis of VUV irradiated mulberry silk through carbonyl group estimation. <i>Fibers and Polymers</i> , 2015, 16, 413-420.	1.1	1

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19	Topographical changes in polyester after chemical, physical and enzymatic hydrolysis. Journal of the Textile Institute, 2015, 106, 690-698.	1.0	10
20	Sericin-based polyester textile for medical applications. Journal of the Textile Institute, 2015, 106, 366-376.	1.0	15
21	Cleaner process for extraction of sericin using infrared. Journal of Cleaner Production, 2013, 52, 488-494.	4.6	85
22	Design of Ergonomic Garment for Elderly Indian Women. Research Journal of Textile and Apparel, 2013, 17, 118-127.	0.6	1
23	Dyeing of woven polyester fabric with curcumin: effect of dye concentrations and surface pre-activation using air atmospheric plasma and ultraviolet excimer treatment. Coloration Technology, 2012, 128, 223-229.	0.7	32
24	Naphthoquinone colorants from <i>Arnebia nobilis</i> Rech.f. Coloration Technology, 2012, 128, 350-355.	0.7	9
25	Anthropometric Study of Young Indian Men for Garment Sizing. Research Journal of Textile and Apparel, 2010, 14, 82-89.	0.6	9
26	Surface functionalization of wool using 172 nm UV excimer lamp. Journal of Applied Polymer Science, 2010, 117, 3448-3453.	1.3	15
27	Preparation and application of silver nanoparticles on silk for imparting antimicrobial properties. Journal of Applied Polymer Science, 2008, 108, 614-623.	1.3	122
28	Protective Properties of Textiles Dyed with Natural Dyes. , 2007, , 182-191.		2
29	Nanoscale surface roughening of mulberry silk by monochromatic VUV excimer lamp. Journal of Applied Polymer Science, 2007, 103, 4102-4106.	1.3	20
30	Preparation of a multifunctional mulberry silk fabric having hydrophobic and hydrophilic surfaces using VUV excimer lamp. Surface and Coatings Technology, 2007, 201, 7286-7291.	2.2	29
31	Multifunctional properties of cotton fabric treated with chitosan and carboxymethyl chitosan. Carbohydrate Polymers, 2007, 69, 164-171.	5.1	137
32	Modification of one side of mulberry silk fabric by monochromatic VUV excimer lamp. European Polymer Journal, 2007, 43, 4573-4581.	2.6	18
33	Basic dyeable polyester: a new approach using a VUV excimer lamp. Coloration Technology, 2007, 123, 248-251.	0.7	23
34	Antimicrobial activity of some natural dyes. Dyes and Pigments, 2005, 66, 99-102.	2.0	276
35	Antimicrobial properties of natural dyes against Gram-negative bacteria. Coloration Technology, 2004, 120, 167-171.	0.7	135
36	Dyeing studies with hydroxyanthraquinones extracted from Indian madder. Part 2: Dyeing of nylon and polyester with nordamncanthal. Coloration Technology, 2001, 117, 333-336.	0.7	44

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37	Dyeing studies with hydroxyanthraquinones extracted from Indian madder. Part 1: Dyeing of nylon with purpurin. Coloration Technology, 2001, 117, 328-332.	0.7	49