

Seiko Jose

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,039
citations

394421

19
h-index

477307

29
g-index

51
all docs

51
docs citations

51
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	Colouration of textiles using roasted peanut skin- an agro processing residue. Journal of Cleaner Production, 2018, 172, 1319-1326.	9.3	86
2	An Overview on Production, Properties, and Value Addition of Pineapple Leaf Fibers (PALF). Journal of Natural Fibers, 2016, 13, 362-373.	3.1	67
3	Exploration of future prospects of Indian pineapple leaf, an agro waste for textile application. Journal of Cleaner Production, 2017, 141, 580-586.	9.3	61
4	Accelerated retting cum softening of coconut fibre. Industrial Crops and Products, 2015, 77, 66-73.	5.2	58
5	Fire retardant finish of jute fabric with nano zinc oxide. Cellulose, 2017, 24, 1143-1157.	4.9	54
6	Chickpea husk – A potential agro waste for coloration and functional finishing of textiles. Industrial Crops and Products, 2019, 142, 111833.	5.2	46
7	Antimicrobial Finishing of Metals, Metal Oxides, and Metal Composites on Textiles: A Systematic Review. Industrial & Engineering Chemistry Research, 2022, 61, 86-101.	3.7	44
8	Eco-Friendly Dyeing of Silk and Cotton Textiles Using Combination of Three Natural Colorants. Journal of Natural Fibers, 2017, 14, 40-49.	3.1	34
9	Antimicrobial Activity of Natural Dyes – A Comprehensive Review. Journal of Natural Fibers, 2022, 19, 5380-5394.	3.1	33
10	Moth proofing of wool fabric using nano kaolinite. Journal of the Textile Institute, 2018, 109, 225-231.	1.9	32
11	Coating of lightweight wool fabric with nano clay for fire retardancy. Journal of the Textile Institute, 2019, 110, 764-770.	1.9	32
12	Wheat starch, gum arabic and chitosan biopolymer treatment of wool fabric for improved shrink resistance finishing. International Journal of Biological Macromolecules, 2020, 163, 1044-1052.	7.5	32
13	Extraction and Characterization of Corn Leaf Fiber. Journal of Natural Fibers, 2022, 19, 1581-1591.	3.1	29
14	<i>Hibiscus sabdariffa</i> (Roselle): A potential source of bast fiber. Journal of Natural Fibers, 2019, 16, 49-57.	3.1	26
15	Fiber Extraction and Characterization from <i>Typha Domingensis</i> . Journal of Natural Fibers, 2022, 19, 2648-2659.	3.1	24
16	Surface modification of wool fabric using sodium lignosulfonate and subsequent improvement in the interfacial adhesion of natural rubber latex in the wool/rubber composites. Industrial Crops and Products, 2022, 177, 114489.	5.2	24
17	A comprehensive review on moth repellent finishing of woolen textiles. Journal of Cultural Heritage, 2021, 49, 260-271.	3.3	23
18	Biomaterial based shrink resist treatment of wool fabric: A sustainable technology. Sustainable Materials and Technologies, 2021, 29, e00298.	3.3	23

#	ARTICLE	IF	CITATIONS
19	Development of Apparels from Silk Waste and Pineapple Leaf Fiber. <i>Journal of Natural Fibers</i> , 2018, 15, 416-424.	3.1	22
20	Improvement of water quality of remnant from chemical retting of coconut fibre through electrocoagulation and activated carbon treatment. <i>Journal of Cleaner Production</i> , 2019, 210, 630-637.	9.3	22
21	Antimicrobial and UV Protection Properties of Cotton Fabric Using Enzymatic Pretreatment and Dyeing with <i>Acacia Catechu</i> . <i>Journal of Natural Fibers</i> , 2022, 19, 2243-2253.	3.1	22
22	Review: Potential of biomimicry in the field of textile technology. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2017, 6, 224-235.	0.9	20
23	Sustainable Production Processes in Textile Dyeing. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2016, , 185-216.	1.1	19
24	Groundnut Testa: An Industrial Agro-Processing Residue for the Coloring and Protective Finishing of Cotton Fabric. <i>Waste and Biomass Valorization</i> , 2021, 12, 3383-3394.	3.4	19
25	Potentiality of Indian pineapple leaf fiber for apparels. <i>Journal of Natural Fibers</i> , 2019, 16, 536-544.	3.1	18
26	Study on Reuse of Coconut Fiber Chemical Retting Bath. Part 1: Retting Efficiency. <i>Journal of Natural Fibers</i> , 2016, 13, 603-609.	3.1	17
27	Novel Methods of Degumming and Bleaching of Indian Flax Variety Tiara. <i>Journal of Natural Fibers</i> , 2021, 18, 1140-1150.	3.1	16
28	Multifunctional Finishing of Woolens with Lemongrass Oil. <i>Journal of Natural Fibers</i> , 2022, 19, 1353-1365.	3.1	16
29	Dyeing of Mulberry Silk Using Binary Combination of Henna Leaves and Monkey Jack Bark. <i>Journal of Natural Fibers</i> , 2021, 18, 229-237.	3.1	15
30	Water repellent finishing on eri silk fabric using nano silica. <i>Journal of the Textile Institute</i> , 2020, 111, 701-708.	1.9	13
31	Pineapple Leaf Fibre: Cultivation and Production. <i>Green Energy and Technology</i> , 2020, , 1-20.	0.6	12
32	Study on Reuse of Coconut Fiber Chemical Retting Bath. Part II--Recovery and Characterization of Lignin. <i>Journal of Natural Fibers</i> , 2017, , 1-9.	3.1	10
33	Effect of Transglutaminase Enzyme on Physico-mechanical Properties of Rambouillet Wool Fiber. <i>Journal of Natural Fibers</i> , 2020, 17, 793-801.	3.1	9
34	Processing of jute using water miscible conditioning agent. <i>Industrial Crops and Products</i> , 2017, 102, 1-6.	5.2	7
35	Sol gel synthesis and application of silica and titania nano particles for the dyeing and UV protection of cotton fabric with madder. <i>Journal of Natural Fibers</i> , 2022, 19, 5566-5576.	3.1	6
36	Impact of Weave on Physico-Comfort Properties of Eri/Modal Union Fabric. <i>Journal of Natural Fibers</i> , 0, , 1-9.	3.1	5

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37	Removal of Basic Violet from Wool Dyeing Effluent Using Nanoparticles. Journal of Natural Fibers, 2022, 19, 2596-2606.	3.1	4
38	Optimization of Sodium Lignosulfonate Treatment on Nylon Fabric Using Boxâ€“Behnken Response Surface Design for UV Protection. Autex Research Journal, 2021, .	1.1	4
39	Biochar from oil cakes: an efficient and economical adsorbent for the removal of acid dyes from wool dye house effluent. Clean Technologies and Environmental Policy, 2022, 24, 1599-1608.	4.1	3
40	Thermo-physical Comfort Properties of Eri/Acrylic Union Fabrics. Journal of Natural Fibers, 2020, , 1-9.	3.1	2
41	Natural Composites in Aircraft Structures. , 2022, , 113-126.		2
42	Simultaneous Dyeing and Ultraviolet Protection of Wool Fabric with Pomegranate Rind Using TiO ₂ Nanoparticles. Journal of Natural Fibers, 2022, 19, 12736-12745.	3.1	2
43	Designing Protective Clothing Kit for Cotton Harvesters and Functionality Assessment Thereof by On-farm Wear Trials. Journal of Natural Fibers, 2022, 19, 7664-7673.	3.1	1
44	Water absorption and dynamic load bearing properties of coarse wool braided rope mat. Indian Journal of Small Ruminants, 2020, 26, 225.	0.1	1
45	Tellicherry Bark Microfiber: Characterization and Processing. Journal of Natural Fibers, 0, , 1-12.	3.1	1
46	Development of wool-cotton blended blanket and assessment of its quality. Indian Journal of Small Ruminants, 2021, 27, 264-270.	0.1	0
47	Effect of softeners and their concentration levels on properties of woollen blanket. Indian Journal of Small Ruminants, 2019, 25, 226.	0.1	0
48	Effect of blending fine and medium coarse wools on blanket quality. Indian Journal of Small Ruminants, 2019, 25, 95.	0.1	0