

Hongling Liu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

234
citations

1039880

9
h-index

996849

15
g-index

18
all docs

18
docs citations

18
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	A superhydrophobic and flame-retardant cotton fabric fabricated by an eco-friendly assembling method. <i>Textile Research Journal</i> , 2022, 92, 2873-2885.	1.1	5
2	Fractal structure and hydration-driven shape memory of duck down in the dry/wet state. <i>Textile Research Journal</i> , 2022, 92, 1444-1453.	1.1	2
3	Mechanics and hierarchical structure transformation mechanism of wool fibers. <i>Textile Research Journal</i> , 2021, 91, 496-507.	1.1	10
4	Robust, flame-retardant and colorful superamphiphobic aramid fabrics for extreme conditions. <i>Science China Technological Sciences</i> , 2021, 64, 1765-1774.	2.0	7
5	Fabrication of reinforced hydrophobic coatings for the protection of silk fabric. <i>Textile Research Journal</i> , 2019, 89, 3811-3824.	1.1	4
6	Chemical stable, superhydrophobic and self-cleaning fabrics prepared by two-step coating of a polytetrafluoroethylene membrane and silica nanoparticles. <i>Textile Research Journal</i> , 2019, 89, 4827-4841.	1.1	16
7	Silk fabric protection obtained via chemical conjugation of transglutaminase and silk fibroin reinforcement. <i>Textile Research Journal</i> , 2019, 89, 4581-4594.	1.1	9
8	Secondary structure transformation and mechanical properties of silk fibers by ultraviolet irradiation and water. <i>Textile Research Journal</i> , 2019, 89, 2802-2812.	1.1	11
9	Observation of luminescent gold nanoclusters using one-step syntheses from wool keratin and silk fibroin effect. <i>European Polymer Journal</i> , 2018, 99, 1-8.	2.6	10
10	Wool keratin and silk sericin composite films reinforced by molecular network reconstruction. <i>Journal of Materials Science</i> , 2018, 53, 5418-5428.	1.7	19
11	A process for production of trehalose by recombinant trehalose synthase and its purification. <i>Enzyme and Microbial Technology</i> , 2018, 113, 83-90.	1.6	12
12	Highly efficient fluorescence probe for copper (II) ions based on gold nanoclusters supported on wool keratin. <i>Journal of Materials Science</i> , 2018, 53, 4056-4066.	1.7	22
13	Surface modification of TiO ₂ /SiO ₂ composite hydrosol stabilized with polycarboxylic acid on Kroy-process wool fabric. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 1209-1228.	1.4	10
14	Preparation and characterization of keratin and chicken egg white-templated luminescent Au cluster composite film. <i>Journal of Molecular Structure</i> , 2016, 1106, 53-58.	1.8	6
15	Influence of alkali treatment on the structure and properties of hemp fibers. <i>Fibers and Polymers</i> , 2013, 14, 389-395.	1.1	28
16	Study of the structure transformation of wool fibers with Raman spectroscopy. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1-7.	1.3	46
17	Microstructural transformation of wool during stretching with tensile curves. <i>Journal of Applied Polymer Science</i> , 2007, 104, 816-822.	1.3	16
18	Using Cu ²⁺ ions as a detection material to verify the synthesis mechanism of Au nanoclusters mediated by wool keratin and silk fibroin resilience network. <i>Textile Research Journal</i> , 0, , 004051752198977.	1.1	1