

# Faouzi Sakli

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

639  
citations

687363

13  
h-index

610901

24  
g-index

44  
all docs

44  
docs citations

44  
times ranked

775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological and crystalline characterization of NaOH and NaOCl treated Agave americana L. fiber. <i>Industrial Crops and Products</i> , 2012, 36, 257-266.	5.2	108
2	In-depth study of agave fiber structure using Fourier transform infrared spectroscopy. <i>Carbohydrate Polymers</i> , 2017, 164, 242-248.	10.2	59
3	Effect of the deacetylation degree on the antibacterial and antibiofilm activity of acemannan from Aloe vera. <i>Industrial Crops and Products</i> , 2017, 103, 13-18.	5.2	49
4	Effects of Fiber Weight Ratio, Structure and Fiber Modification onto Flexural Properties of Luffa-Polyester Composites. <i>Advances in Materials Physics and Chemistry</i> , 2011, 01, 78-85.	0.7	44
5	Sulfonation of polyester fabrics by gaseous sulfur oxide activated by UV irradiation. <i>Applied Surface Science</i> , 2012, 258, 9737-9741.	6.1	28
6	Morphological Characterization of Individual Fiber of Agave americana L.. <i>Textile Research Journal</i> , 2006, 76, 367-374.	2.2	25
7	UV irradiation-assisted grafting of poly(ethylene terephthalate) fabrics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 606-613.	4.7	23
8	Investigation of OH bond energy for chemically treated alfa fibers. <i>Carbohydrate Polymers</i> , 2018, 186, 226-235.	10.2	22
9	Development, characterization, and biological assessment of biocompatible cellulosic wound dressing grafted Aloe vera bioactive polysaccharide. <i>Cellulose</i> , 2019, 26, 4957-4970.	4.9	20
10	Evaluation of wet pneumatically spliced elastic denim yarns with fuzzy theory. <i>Journal of the Textile Institute</i> , 2010, 101, 111-119.	1.9	18
11	Effect of Blending Ratio of Fibers on the Properties of Nonwoven Fabrics Based of Alfa Fibers. <i>Advances in Materials Physics and Chemistry</i> , 2014, 04, 116-125.	0.7	17
12	Multiple Reuse of Exhausted Acid Dyebaths for Wool Dyeing: Colorimetric Properties, Leveling Agent Effect, and Material Savings. <i>AATCC Journal of Research</i> , 2014, 1, 11-21.	0.6	13
13	Contribution to the optimisation of artificial ligament mechanical properties. <i>Journal of the Textile Institute</i> , 2008, 99, 273-280.	1.9	12
14	Color and fastness study of wool dyeing in multiple reuse dye baths using acid and reactive dyestuffs in laboratory scale. <i>Journal of the Textile Institute</i> , 2013, 104, 260-269.	1.9	12
15	Azo dyes decolourization by the laccase from <i>Trametes trogii</i> . <i>Journal of the Textile Institute</i> , 2016, 107, 1478-1482.	1.9	12
16	Synthesis and study of drug delivery system obtained via $\beta$ -cyclodextrin functionalization of viscose/polyester dressings. <i>Journal of Industrial Textiles</i> , 2017, 47, 489-504.	2.4	12
17	Infrared Spectra for Alfa Fibers Treated with Thymol. <i>Journal of Glycobiology</i> , 2018, 07, .	0.2	11
18	Viscoelastic Behavior of Textile Artificial Ligaments. <i>Journal of Applied Sciences</i> , 2009, 9, 2794-2800.	0.3	11

#	ARTICLE	IF	CITATIONS
19	Development and Surface State Characterization of a Spacer Waterproof Breathable Fabric. <i>Fibers and Polymers</i> , 2020, 21, 910-920.	2.1	10
20	A Study of the Physical and Mechanical Properties of Paper Made from <i>Agave americana</i> L. <i>Fibers. Materials and Manufacturing Processes</i> , 2011, 26, 567-572.	4.7	9
21	Correlation between the mechanical behavior and chemical, physical and thermal characteristics of wool: a study on Tunisian wool. <i>Journal of Natural Fibers</i> , 2020, 17, 28-40.	3.1	9
22	Development and optimisation of waterproof breathable double-sided knitting using a factorial experimental design. <i>Journal of Industrial Textiles</i> , 2015, 45, 437-466.	2.4	8
23	Hysteresis measurement for characterising the dynamic fatigue of textile artificial ligaments. <i>Journal of the Textile Institute</i> , 2011, 102, 109-113.	1.9	6
24	Optimization of bagged denim fabric behaviors using the genetic algorithms and the ant colony optimization methods. <i>International Journal of Clothing Science and Technology</i> , 2015, 27, 772-792.	1.1	6
25	Study of the influential inputs on the bagged denim fabric behaviors using the principal component analysis method. <i>International Journal of Clothing Science and Technology</i> , 2015, 27, 922-939.	1.1	6
26	Evaluating the Mechanical Properties of Waterproof Breathable Fabric Produced by a Coating Process. <i>Clothing and Textiles Research Journal</i> , 2019, 37, 235-248.	3.4	6
27	Fatigue Behavior of Sized Cotton Warps. <i>Journal of Applied Sciences</i> , 2007, 7, 2706-2709.	0.3	6
28	Recovery velocity evaluation of bagged denim fabrics as function of frictional parameters. <i>International Journal of Clothing Science and Technology</i> , 2015, 27, 302-314.	1.1	4
29	Effect of Mordant Bleaching on the Optical and Mechanical Properties of Black Tunisian Wool and Optimization of the Bleaching Process. <i>Journal of Natural Fibers</i> , 2020, , 1-13.	3.1	4
30	The Effect of Tuck Stitch on the Properties of Weft Knitted Fabric. <i>Journal of Natural Fibers</i> , 2022, 19, 9874-9885.	3.1	4
31	Abrasion evaluation of spliced and parent yarns with a new simulator abrader tester. <i>Journal of the Textile Institute</i> , 2012, 103, 416-421.	1.9	3
32	Features selection of stonewashed denim to a sensory descriptor. <i>Fibers and Polymers</i> , 2015, 16, 2066-2076.	2.1	3
33	Energy modelling of fabrics wrinkle recovery behaviour. <i>Journal of the Textile Institute</i> , 2016, 107, 1434-1441.	1.9	3
34	Modelling of Tunisian hand-made carpet resilience under long static loading using fuzzy expert system. <i>Fibers and Polymers</i> , 2017, 18, 1810-1815.	2.1	3
35	Study of the tensile and compression performance of composite materials based on rubber particles and alpha fibers. <i>Journal of Industrial Textiles</i> , 2018, 48, 272-291.	2.4	3
36	An Eco-friendly Acid-Base Indicator Extracted from <i>Carissa macrocarpa</i> Fruit. <i>Waste and Biomass Valorization</i> , 0, , .	3.4	2

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37	A non-linear viscoelastic model for describing the fatigue behaviour of braided artificial ligaments. Journal of the Textile Institute, 2010, 101, 788-794.	1.9	1
38	Effect of Breed and Age on the Dye Fixation and Optimization of Wool Dyeing with Reactive Dye. Fibers and Polymers, 2019, 20, 1208-1217.	2.1	1
39	Optimization of the Resilience of Tunisian Hand-made Carpet. Journal of Natural Fibers, 2022, 19, 7382-7390.	3.1	1
40	Investigating the Performances of a Coated Plain Weave Fabric Designed for Producing Protective Gowns. Advances in Materials Science and Engineering, 2021, 2021, 1-10.	1.8	1
41	A new approach for optimizing water resistance and air permeability of denim cotton fabric. Journal of Textile Engineering & Fashion Technology, 2019, 5, .	0.3	0