

Claudia Vineis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

1,782
citations

23
h-index

41
g-index

66
ext. papers

2,024
ext. citations

4.2
avg, IF

4.64
L-index

#	Paper	IF	Citations
64	Study on the structure and properties of wool keratin regenerated from formic acid. <i>International Journal of Biological Macromolecules</i> , 2007 , 41, 266-73	7.9	192
63	Structure and properties of keratin/PEO blend nanofibres. <i>European Polymer Journal</i> , 2008 , 44, 2465-2475	5.2	136
62	Electrospinning of keratin/poly(ethylene oxide)blend nanofibers. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 863-870	2.9	109
61	Thermal and structural characterization of poly(ethylene-oxide)/keratin blend films. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007 , 89, 601-608	4.1	89
60	Adsorption of copper(II) ions by keratin/PA6 blend nanofibres. <i>European Polymer Journal</i> , 2011 , 47, 1756-1764	5.86	86
59	Study on cast membranes and electrospun nanofibers made from keratin/fibroin blends. <i>Biomacromolecules</i> , 2008 , 9, 2819-25	6.9	83
58	Study on the conversion of wool keratin by steam explosion. <i>Biomacromolecules</i> , 2006 , 7, 3499-504	6.9	73
57	Composite biomaterials from fibre wastes: Characterization of wool/cellulose acetate blends. <i>Composites Part A: Applied Science and Manufacturing</i> , 2008 , 39, 126-132	8.4	68
56	Antibacterial efficacy of polypyrrole in textile applications. <i>Fibers and Polymers</i> , 2013 , 14, 36-42	2	63
55	Microwave-assisted chemical-free hydrolysis of wool keratin. <i>Textile Reseach Journal</i> , 2012 , 82, 2006-2018	5.7	52
54	Nanogrooves and keratin nanofibers on titanium surfaces aimed at driving gingival fibroblasts alignment and proliferation without increasing bacterial adhesion. <i>Materials Science and Engineering C</i> , 2017 , 76, 1-12	8.3	49
53	Antimicrobial chitosan finish of cotton and silk fabrics by UV-curing with 2-hydroxy-2-methylphenylpropane-1-one. <i>Carbohydrate Polymers</i> , 2012 , 88, 201-205	10.3	49
52	Wool Keratin-Based Nanofibres for Active Filtration of Air and Water. <i>Journal of Biobased Materials and Bioenergy</i> , 2009 , 3, 311-319	1.4	44
51	Multifunctional finishing of wool fabrics by chitosan UV-grafting: an approach. <i>Carbohydrate Polymers</i> , 2013 , 98, 624-9	10.3	43
50	Wool keratin film plasticized by citric acid for food packaging. <i>Food Packaging and Shelf Life</i> , 2017 , 12, 100-106	8.2	36
49	Adhesion enhancement of electrospun nanofiber mats to polypropylene nonwoven fabric by low-temperature oxygen plasma treatment. <i>Surface and Coatings Technology</i> , 2013 , 216, 178-184	4.4	36
48	Chitosan coated cotton gauze for antibacterial water filtration. <i>Carbohydrate Polymers</i> , 2014 , 103, 207-212	10.3	34

47	Antibacterial properties of polypyrrole-treated fabrics by ultrasound deposition. <i>Materials Science and Engineering C</i> , 2019 , 102, 164-170	8.3	33
46	Study on the shear viscosity behavior of keratin/PEO blends for nanofibre electrospinning. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008 , 46, 1193-1201	2.6	30
45	Different methods for Cyclodextrin/triclosan complexation as antibacterial treatment of cellulose substrates. <i>Cellulose</i> , 2013 , 20, 2115-2123	5.5	29
44	Silver-doped keratin nanofibers preserve a titanium surface from biofilm contamination and favor soft-tissue healing. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8366-8377	7.3	28
43	Electrospinning of immiscible systems: The wool keratin/polyamide-6 case study. <i>Materials and Design</i> , 2017 , 127, 144-153	8.1	23
42	Thermoanalytical characterisation of modified keratin fibres. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004 , 77, 987-996	4.1	23
41	Study on the adsorption of chromium (VI) by hydrolyzed keratin/polyamide 6 blend nanofibres. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 7250-9	1.3	22
40	Aligned keratin submicrometric-fibers for fibroblasts guidance onto nanogrooved titanium surfaces for transmucosal implants. <i>Materials Letters</i> , 2018 , 229, 1-4	3.3	18
39	Topographical and Biomechanical Guidance of Electrospun Fibers for Biomedical Applications. <i>Polymers</i> , 2020 , 12,	4.5	17
38	A systematic study on the effects of doping agents on polypyrrole coating of fabrics. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	17
37	A UPLC/ESI-MS method for identifying wool, cashmere and yak fibres. <i>Textile Research Journal</i> , 2014 , 84, 953-958	1.7	16
36	Multifunctional Hybrid Nanocomposite Nanofibers Produced by Colloid Electrospinning from Water Solutions. <i>Current Nanoscience</i> , 2014 , 11, 41-48	1.4	16
35	Highly polydisperse keratin rich nanofibers: Scaffold design and in vitro characterization. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1803-1813	5.4	14
34	Wool Keratin Nanofibres for Copper(II) Adsorption. <i>Journal of Biobased Materials and Bioenergy</i> , 2012 , 6,	1.4	14
33	Fabrication of electrospun keratin nanofiber membranes for air and water treatment. <i>Polymer Engineering and Science</i> , 2019 , 59, 1472-1478	2.3	13
32	Immunological method for the identification of animal hair fibres. <i>Textile Research Journal</i> , 2012 , 82, 766-772	12	12
31	Electrospinning of polyamide 6/modified-keratin blends. <i>E-Polymers</i> , 2007 , 7,	2.7	12
30	Engineering of keratin functionality for the realization of bendable all-biopolymeric micro-electrode array as humidity sensor. <i>Biosensors and Bioelectronics</i> , 2019 , 141, 111480	11.8	11

29	Identification and quantification of different species in animal fibres by LC/ESI-MS analysis of keratin-derived proteolytic peptides. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 919-26	2.2	11
28	A critique on multi-jet electrospinning: State of the art and future outlook. <i>Nanotechnology Reviews</i> , 2019 , 8, 236-245	6.3	11
27	Polyvinyl alcohol/silver electrospun nanofibers: Biocidal filter media capturing virus-size particles. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51380	2.9	11
26	Innovative and Sustainable Production of Biopolymers 2019 , 131-148		9
25	Reversible and washing resistant textile-based optical pH sensors by dyeing fabrics with curcuma. <i>Fibers and Polymers</i> , 2017 , 18, 720-730	2	9
24	Chemical and physical modifications of electrospun keratin nanofibers induced by heating treatments. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	9
23	Keratin-based Nanofibres 2010 ,		9
22	Bio-Composite Keratin Films from Wool Fibrillation. <i>Journal of Biobased Materials and Bioenergy</i> , 2011 , 5, 124-131	1.4	9
21	Comparative Study on Protein-Rich Electrospun Fibers for in Vitro Applications. <i>Polymers</i> , 2020 , 12,	4.5	9
20	Extraction and Characterization of Keratin from Different Biomasses. <i>Springer Series on Polymer and Composite Materials</i> , 2019 , 35-76	0.9	9
19	Differential scanning calorimetry for the identification of animal hair fibres. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 119, 1445-1451	4.1	8
18	Antibacterial property on Gram-positive bacteria of polypyrrole-coated fabrics. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	8
17	Electrospun Lipid Binding Proteins Composite Nanofibers with Antibacterial Properties. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600300	5.5	8
16	Differentiating Fine Hairs from Wild and Domestic Species: Investigations of Shatoosh, Yangir, and Cashmere Fibers. <i>Textile Reseach Journal</i> , 2002 , 72, 701-705	1.7	8
15	Design of Asymmetric Nanofibers-Membranes Based on Polyvinyl Alcohol and Wool-Keratin for Wound Healing Applications.. <i>Journal of Functional Biomaterials</i> , 2021 , 12,	4.8	8
14	Coupling of keratin with titanium: A physico-chemical characterization of functionalized or coated surfaces. <i>Surface and Coatings Technology</i> , 2020 , 397, 126057	4.4	5
13	Natural polymer-based electrospun fibers for antibacterial uses 2018 , 275-294		5
12	Novel Antimicrobial Agents and Processes for Textile Applications 2017 ,		4

11	Anti-keratin Monoclonal Antibodies for Identifying Animal Hair Fibers. <i>Textile Reseach Journal</i> , 2004 , 74, 458-464	1.7	4
10	Stability of ultraviolet-cured chitosan coating on cotton gauze for water filtration. <i>Journal of Industrial Textiles</i> , 2019 , 48, 1384-1396	1.6	4
9	Monitoring Systems of an Electrospinning Plant for the Production of Composite Nanofibers 2019 , 315-337		2
8	Fabric dyeing with colorimetric pH-responsive colours. <i>Coloration Technology</i> , 2021 , 137, 123-133	2	2
7	Safety Assessment of Polypyrrole Nanoparticles and Spray-Coated Textiles. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
6	Wool Keratin-Based Nanofibres-In Vitro Validation.. <i>Bioengineering</i> , 2021 , 8,	5.3	2
5	Cr (VI) adsorption from aqueous solutions on grafted chitosan. <i>Canadian Journal of Chemical Engineering</i> , 2020 , 98, 1483-1494	2.3	1
4	Validation of UPLC/ESI-MS method used for the identification and quantification of wool, cashmere and yak fibres. <i>Journal of the Textile Institute</i> , 2017 , 108, 2180-2183	1.5	1
3	Effect of the Bleaching on Physical and Mechanical Properties of Different Fabrics. <i>Fibers and Polymers</i> , 2018 , 19, 2590-2596	2	1
2	Design of cysteine-S-sulfonated keratin via pH driven processes: Micro-Structural Properties, biocidal activity and in vitro validation. <i>European Polymer Journal</i> , 2022 , 170, 111169	5.2	1
1	Functionalization of Screen-Printed Sensors with a High Reactivity Carbonaceous Material for Ascorbic Acid Detection in Fresh-Cut Fruit with Low Vitamin C Content. <i>Chemosensors</i> , 2021 , 9, 354	4	0