

# Ana D Kramar

## List of Publications by Year in Descending Order

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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.

23  
papers

252  
citations

9  
h-index

15  
g-index

23  
ext. papers

309  
ext. citations

4  
avg, IF

3.17  
L-index

#	Paper	IF	Citations
23	Cellulose-Based Nanofibers Processing Techniques and Methods Based on Bottom-Up Approach-A Review.. <i>Polymers</i> , <b>2022</b> , 14,	4.5	2
22	Bacterial Secondary Metabolites as Biopigments for Textile Dyeing. <i>Textiles</i> , <b>2022</b> , 2, 252-264		0
21	Obtaining of medical textiles based on viscose and chitosan with simultaneously improved sorption and antibacterial properties by using dielectric barrier discharge. <i>Tekstilna Industrija</i> , <b>2021</b> , 69, 46-53	0.5	
20	Regenerated Cellulose Fiber Functionalization by Two-step Oxidation Using Sodium Periodate and Sodium Chlorite Impact on the Structure and Sorption Properties. <i>Fibers and Polymers</i> , <b>2021</b> , 22, 2177-2186	2.86	7
19	Iso- and Anisotropic Etching of Micro Nanofibrillated Cellulose Films by Sequential Oxygen and Nitrogen Gas Plasma Exposure for Tunable Wettability on Crystalline and Amorphous Regions. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
18	Halochromic cellulose textile obtained via dyeing with biocolorant isolated from <i>Streptomyces</i> sp. strain NP4. <i>Cellulose</i> , <b>2021</b> , 28, 8771-8784	5.5	4
17	Effect of plasma treatment on chemical composition, structure and sorption properties of lignocellulosic hemp fibers ( <i>Cannabis sativa</i> L.). <i>Carbohydrate Polymers</i> , <b>2020</b> , 236, 116000	10.3	22
16	Influence of Potassium Permanganate Oxidation on Structure and Properties of Cotton. <i>Journal of Natural Fibers</i> , <b>2020</b> , 1-13	1.8	5
15	Nitrogen plasma surface treatment for improving polar ink adhesion on micro/nanofibrillated cellulose films. <i>Cellulose</i> , <b>2019</b> , 26, 3845-3857	5.5	7
14	Multipurpose nonwoven viscose/polypropylene fabrics: Effect of fabric characteristics on sorption and dielectric properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2018</b> , 56, 947-957	2.6	5
13	Influence of hemicelluloses and lignin content on structure and sorption properties of flax fibers ( <i>Linum usitatissimum</i> L.). <i>Cellulose</i> , <b>2018</b> , 25, 697-709	5.5	33
12	Surface cleaning of raw cotton fibers with atmospheric pressure air plasma. <i>Cellulose</i> , <b>2018</b> , 25, 4199-4209	9.5	13
11	Electrical Resistivity of Plasma Treated Viscose and Cotton Fabrics with Incorporated Metal Ions. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 571-579	2	8
10	TEMPO-oxidized cotton as a substrate for trypsin immobilization: impact of functional groups on proteolytic activity and stability. <i>Cellulose</i> , <b>2017</b> , 24, 1863-1875	5.5	17
9	Preparation of Hydrophobic Viscose Fabric Using Nitrogen DBD and Copper Ions Sorption. <i>Plasma Processes and Polymers</i> , <b>2015</b> , 12, 1095-1103	3.4	9
8	Crude bacterial extracts of two new <i>Streptomyces</i> sp. isolates as bio-colorants for textile dyeing. <i>World Journal of Microbiology and Biotechnology</i> , <b>2014</b> , 30, 2231-40	4.4	9
7	Preparation of cellulosic fibers with biological activity by immobilization of trypsin on periodate oxidized viscose fibers. <i>Cellulose</i> , <b>2014</b> , 21, 1369-1380	5.5	22

6	Preparation and characterization of silver-loaded hemp fibers with antimicrobial activity. <i>Fibers and Polymers</i> , <b>2014</b> , 15, 57-64	2	17
5	Study of interaction between nitrogen DBD plasma-treated viscose fibers and divalent ions Ca <sup>2+</sup> and Cu <sup>2+</sup> . <i>Cellulose</i> , <b>2014</b> , 21, 3279-3289	5.5	10
4	Antimicrobial viscose fabric prepared by treatment in DBD and subsequent deposition of silver and copper ions Investigation of plasma aging effect. <i>Surface and Coatings Technology</i> , <b>2013</b> , 234, 92-99	4.4	33
3	Silver incorporation on viscose and cotton fibers after air, nitrogen and oxygen DBD plasma pretreatment. <i>Cellulose</i> , <b>2013</b> , 20, 315-325	5.5	24
2	Selected Aromatic Plants Extracts as an Antimicrobial and Antioxidant Finish for Cellulose Fabric-Direct Impregnation Method. <i>Fibers and Polymers</i> , 1	2	0
1	Enhanced Antimicrobial Activity of Atmospheric Pressure Plasma Treated and Aged Cotton Fibers. <i>Journal of Natural Fibers</i> , 1-15	1.8	3