

Valerii A Barbash

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

345
citations

1162367

8
h-index

887659

17
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27
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27
docs citations

27
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of nanocellulose obtained by TEMPO-mediated oxidation of organosolv pulp from reed stalks. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 835-848.	1.6	43
2	Capacitive Humidity Sensors Based on Nanocellulose for Biodegradable Electronics. <i>Mã-krosistemi, Elektronã-ka Ta Akustika</i> , 2022, 27, .	0.2	0
3	Thermoelectric textiles with nanostructured copper iodide films on cotton and polyester fabrics, stabilized and reinforced with nanocellulose. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 16466-16487.	1.1	1
4	CHARACTERISTICS OF PULP OBTAINED FROM <i>MISCANTHUS x GIGANTEUS</i> BIOMASS PRODUCED IN LEAD-CONTAMINATED SOIL. <i>Cellulose Chemistry and Technology</i> , 2021, 55, 271-280.	0.5	5
5	Thermoelectric textile devices with thin films of nanocellulose and copper iodide. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 23246-23265.	1.1	5
6	Highly hydrophobic surfaces with rose petal-effect based on nanocellulose films coated by nanostructured Cul layers. <i>Cellulose</i> , 2021, 28, 9395-9412.	2.4	3
7	NANOCELLULOSE FROM REED STALKS TO IMPROVE THE PROPERTIES OF PAPER FOR PACKAGING FOOD PRODUCTS. <i>KPI Science News</i> , 2021, , .	0.2	0
8	Electric and Spectral Properties of Solid Water-Nanocellulose Systems in a Wide Range of Temperatures. <i>Springer Proceedings in Physics</i> , 2021, , 51-73.	0.1	3
9	Nickel-based Piezoresistive Sensors Obtained on Flexible Nanocellulose Substrate. , 2021, , .		4
10	Preparation and application of nanocellulose from non-wood plants to improve the quality of paper and cardboard. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 2705-2716.	1.6	37
11	Reactive Ion Beam Sputtered Molybdenum Oxide Thin Films for Optoelectronic Application. , 2020, , .		3
12	Preparation and application of nanocellulose from <i>Miscanthus ã-giganteus</i> to improve the quality of paper for bags. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	16
13	Preparation, Properties and Application of <i>Miscanthus</i> Nanocellulose as Coating Layer. <i>Springer Proceedings in Physics</i> , 2020, , 211-218.	0.1	0
14	Application of Nanocellulose in Humidity Sensors for Biodegradable Electronics. , 2020, , .		9
15	Morphology, Optical and Electronic Characteristics of Nanocellulose Filled with Microcrystalline Cellulose and Graphene Oxide. , 2020, , .		1
16	Preparation and Properties of Nanocellulose from <i>Miscanthus x giganteus</i> . <i>Journal of Nanomaterials</i> , 2019, 2019, 1-8.	1.5	30
17	Effect of Hydrolysis Conditions of Organosolv Pulp from Kenaf Fibers on the Physicochemical Properties of the Obtained Nanocellulose. <i>Theoretical and Experimental Chemistry</i> , 2018, 54, 193-198.	0.2	19
18	Preparation and Properties of Nanocellulose from Organosolv Straw Pulp. <i>Nanoscale Research Letters</i> , 2017, 12, 241.	3.1	84

#	ARTICLE	IF	CITATIONS
19	Preparation of Nanocellulose from Organosolv Straw Pulp Using Acid Hydrolysis and Ultrasound. Springer Proceedings in Physics, 2017, , 497-505.	0.1	4
20	The Effect of Mechanochemical Treatment of the Cellulose on Characteristics of Nanocellulose Films. Nanoscale Research Letters, 2016, 11, 410.	3.1	46
21	Effect of Mechanochemical Treatment of Cellulose on Characteristics of Nanocellulose Films. Springer Proceedings in Physics, 2016, , 513-521.	0.1	2
22	Development the technology of obtaining microcrystalline cellulose from the hemp fibers. Eastern-European Journal of Enterprise Technologies, 2016, 3, 51.	0.3	4
23	Comparative pulping of sunflower stalks. ScienceRise, 2016, 3, 71.	0.1	11
24	Pulp Obtaining from Corn Stalks. Chemistry and Chemical Technology, 2012, 6, 83-87.	0.2	6
25	Determination of thermodynamic characteristics of heteromolecular association process, freed of contribution of specific solvation. Theoretical and Experimental Chemistry, 1986, 22, 231-235.	0.2	0
26	Preparation, Properties and Use of Nanocellulose from Non-Wood Plant Materials. , 0, , .		8