Valerii A Barbash

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6192019/publications.pdf

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26	345	1162367 8	887659 17
papers	citations	h-index	g-index

27	27	27	318
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation and Properties of Nanocellulose from Organosolv Straw Pulp. Nanoscale Research Letters, 2017, 12, 241.	3.1	84
2	The Effect of Mechanochemical Treatment of the Cellulose on Characteristics of Nanocellulose Films. Nanoscale Research Letters, 2016, 11, 410.	3.1	46
3	Preparation and characterization of nanocellulose obtained by TEMPO-mediated oxidation of organosolv pulp from reed stalks. Applied Nanoscience (Switzerland), 2022, 12, 835-848.	1.6	43
4	Preparation and application of nanocellulose from non-wood plants to improve the quality of paper and cardboard. Applied Nanoscience (Switzerland), 2020, 10, 2705-2716.	1.6	37
5	Preparation and Properties of Nanocellulose fromMiscanthus x giganteus. Journal of Nanomaterials, 2019, 2019, 1-8.	1.5	30
6	Effect of Hydrolysis Conditions of Organosolv Pulp from Kenaf Fibers on the Physicochemical Properties of the Obtained Nanocellulose. Theoretical and Experimental Chemistry, 2018, 54, 193-198.	0.2	19
7	Preparation and application of nanocellulose from Miscanthus Ã— giganteus to improve the quality of paper for bags. SN Applied Sciences, 2020, 2, 1.	1.5	16
8	Comparative pulping of sunflower stalks. ScienceRise, 2016, 3, 71.	0.1	11
9	Application of Nanocellulose in Humidity Sensors for Biodegradable Electronics. , 2020, , .		9
10	Preparation, Properties and Use of Nanocellulose from Non-Wood Plant Materials. , 0, , .		8
11	Pulp Obtaining from Corn Stalks. Chemistry and Chemical Technology, 2012, 6, 83-87.	0.2	6
12	CHARACTERISTICS OF PULP OBTAINED FROM MISCANTHUS x GIGANTEUS BIOMASS PRODUCED IN LEAD-CONTAMINATED SOIL. Cellulose Chemistry and Technology, 2021, 55, 271-280.	0.5	5
13	Thermoelectric textile devices with thin films of nanocellulose and copper iodide. Journal of Materials Science: Materials in Electronics, 2021, 32, 23246-23265.	1.1	5
14	Preparation of Nanocellulose from Organosolv Straw Pulp Using Acid Hydrolysis and Ultrasound. Springer Proceedings in Physics, 2017, , 497-505.	0.1	4
15	Development the technology of obtaining microcrystalline cellulose from the hemp fibers. Eastern-European Journal of Enterprise Technologies, 2016, 3, 51.	0.3	4
16	Nickel-based Piezoresistive Sensors Obtained on Flexible Nanocellulose Substrate. , 2021, , .		4
17	Reactive Ion Beam Sputtered Molybdenum Oxide Thin Films for Optoelectronic Application. , 2020, , .		3
18	Highly hydrophobic surfaces with rose petal-effect based on nanocellulose films coated by nanostructured CuI layers. Cellulose, 2021, 28, 9395-9412.	2.4	3

#	Article	IF	Citations
19	Electric and Spectral Properties of Solid Water-Nanocellulose Systems in a Wide Range of Temperatures. Springer Proceedings in Physics, 2021, , 51-73.	0.1	3
20	Effect of Mechanochemical Treatment of Cellulose on Characteristics of Nanocellulose Films. Springer Proceedings in Physics, 2016, , 513-521.	0.1	2
21	Morphology, Optical and Electronic Characteristics of Nanocellulose Filled with Microcrystalline Cellulose and Graphene Oxide. , 2020, , .		1
22	Thermoelectric textiles with nanostructured copper iodide films on cotton and polyester fabrics, stabilized and reinforced with nanocellulose. Journal of Materials Science: Materials in Electronics, 2022, 33, 16466-16487.	1.1	1
23	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
24	NANOCELLULOSE FROM REED STALKS TO IMPROVE THE PROPERTIES OF PAPER FOR PACKAGING FOOD PRODUCTS. KPI Science News, 2021, , .	0.2	0
25	Preparation, Properties and Application of Miscanthus Nanocellulose as Coating Layer. Springer Proceedings in Physics, 2020, , 211-218.	0.1	0
26	Capacitive Humidity Sensors Based on Nanocellulose for Biodegradable Electronics. MÃ¬krosistemi, ElektronÃ¬ka Ta Akustika, 2022, 27, .	0.2	0