

Adam Ekielski

List of Publications by Year in descending order

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43
papers

1,459
citations

586496

16
h-index

371746

37
g-index

44
all docs

44
docs citations

44
times ranked

2431
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advancements in Lignin Valorization and Biomedical Applications: A Patent Review. Recent Patents on Nanotechnology, 2022, 16, 107-127.	0.7	8
2	Identification and Classification of Mechanical Damage During Continuous Harvesting of Root Crops Using Computer Vision Methods. IEEE Access, 2022, 10, 28885-28894.	2.6	22
3	Numerical Simulations of a Postulated Methanol Pool Fire Scenario in a Ventilated Enclosure Using a Coupled FVM-FEM Approach. Processes, 2022, 10, 918.	1.3	3
4	Materials Used for the Microencapsulation of Probiotic Bacteria in the Food Industry. Molecules, 2022, 27, 3321.	1.7	25
5	Using the Kaplan-Meier Estimator to Assess the Reliability of Agricultural Machinery. Agronomy, 2022, 12, 1364.	1.3	8
6	Methylene Blue Dye Adsorption from Wastewater Using Hydroxyapatite/Gold Nanocomposite: Kinetic and Thermodynamics Studies. Nanomaterials, 2021, 11, 1403.	1.9	33
7	A Review of Adsorbents for Heavy Metal Decontamination: Growing Approach to Wastewater Treatment. Materials, 2021, 14, 4702.	1.3	95
8	Lignin for Bioeconomy: The Present and Future Role of Technical Lignin. International Journal of Molecular Sciences, 2021, 22, 63.	1.8	60
9	Properties of Biocomposites Produced with Thermoplastic Starch and Digestate: Physicochemical and Mechanical Characteristics. Materials, 2021, 14, 6092.	1.3	12
10	Nanocellulose-Based Biomedical Scaffolds in Future Bioeconomy: A Techno-Legal Assessment of the State-of-the-Art. Frontiers in Bioengineering and Biotechnology, 2021, 9, 789603.	2.0	6
11	A computer system supporting agricultural machinery and farm tractor purchase decisions. Heliyon, 2020, 6, e05039.	1.4	11
12	GC-FID and Olfactometry-Assisted Assessment of Odors from Polymeric Foams under Normal and Repeated-Use Conditions. Advances in Polymer Technology, 2020, 2020, 1-9.	0.8	1
13	Formulation and Characterization of Corn Grits- Propylene Glycol Extrudates. Materials Today: Proceedings, 2020, 21, 1772-1780.	0.9	3
14	On the rapid and non-destructive approach for wood identification using ATR-FTIR spectroscopy and chemometric methods. Vibrational Spectroscopy, 2020, 110, 103097.	1.2	43
15	Assessing the potential of lignin nanoparticles as drug carrier: Synthesis, cytotoxicity and genotoxicity studies. International Journal of Biological Macromolecules, 2020, 152, 786-802.	3.6	89
16	The Rape Pomace and Microcrystalline Cellulose Composites Made by Press Processing. Sustainability, 2020, 12, 1311.	1.6	12
17	Interactions Between Food Ingredients and Nanocomponents Used for Composite Packaging. , 2019, , 669-674.		4
18	Wood-Based Cellulose Nanofibrils: Haemocompatibility and Impact on the Development and Behaviour of Drosophila melanogaster. Biomolecules, 2019, 9, 363.	1.8	25

#	ARTICLE	IF	CITATIONS
19	A Simple Method to Synthesize Lignin Nanoparticles. <i>Colloids and Interfaces</i> , 2019, 3, 52.	0.9	27
20	Effects of moisture content, temperature, and die thickness on the compaction process, and the density and strength of walnut shell pellets. <i>Renewable Energy</i> , 2019, 141, 770-781.	4.3	34
21	The Self-Assembly of Lignin and Its Application in Nanoparticle Synthesis: A Short Review. <i>Nanomaterials</i> , 2019, 9, 243.	1.9	135
22	Ecotone Dynamics and Stability from Soil Perspective: Forest-Agriculture Land Transition. <i>Agriculture (Switzerland)</i> , 2019, 9, 228.	1.4	30
23	Estimation of Volatile Organic Compounds (VOCs) and Human Health Risk Assessment of Simulated Indoor Environment Consisting of Upholstered Furniture Made of Commercially Available Foams. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-10.	0.8	10
24	Structure, Genome, Infection Cycle and Clinical Manifestations Associated with Human Papillomavirus. <i>Current Pharmaceutical Biotechnology</i> , 2019, 20, 1260-1280.	0.9	10
25	Assessing the Influence of Roasting Process Parameters on Mepiquat and Chlormequat Formation in Dark Barley Malts. <i>Food and Bioprocess Technology</i> , 2018, 11, 1177-1187.	2.6	12
26	Cover Image, Volume 98, Issue 2. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, i-i.	1.7	0
27	Preferences for groundnut products among urban residents in Ghana. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 817-824.	1.7	2
28	A Multistate Model of Reliability of Farming Machinery. <i>BIO Web of Conferences</i> , 2018, 10, 02005.	0.1	2
29	Functionalized nanoliposomes loaded with anti survivin and anti angiogenic agents to enhance the activity of chemotherapy against melanoma by 4-pronged action. <i>Medical Hypotheses</i> , 2018, 116, 141-146.	0.8	4
30	Melanoma treatment: from conventional to nanotechnology. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 2283-2302.	1.2	128
31	Multivariate analysis for forensic characterization, discrimination, and classification of marker pen inks. <i>Spectroscopy Letters</i> , 2018, 51, 205-215.	0.5	9
32	Effect of Ethylene Oxide Sterilization and Accelerated Ageing on the Physical and Mechanical Properties of Beech, Oak, and Elm Wood: Part 1. <i>BioResources</i> , 2018, 13, .	0.5	1
33	Effect of Ethylene Oxide Sterilization and Accelerated Ageing on the Physical and Mechanical Properties of Beech, Oak, and Elm Wood: Part 2. <i>BioResources</i> , 2018, 13, .	0.5	1
34	Zinc oxide nanoparticles: a promising nanomaterial for biomedical applications. <i>Drug Discovery Today</i> , 2017, 22, 1825-1834.	3.2	520
35	The use of wavelet analysis to assess the degree of wear of working elements of food extruders. <i>Eksploatacja I Niezawodnosc</i> , 2017, 19, 560-564.	1.1	5
36	LIGNINOCELLULOSIC NANOMATERIAL AS ENVIRONMENTALLY BENIGN ALTERNATE TO TRADITIONAL NANOMATERIALS FOR BIOMEDICAL APPLICATIONS: A PERSPECTIVE. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
37	Characterisation of corn extrudates with the addition of brewers' spent grain as a raw material for the production of functional batters. Acta Scientiarum Polonorum, Technologia Alimentaria, 2017, 16, 247-254.	0.2	2
38	Characterisation of corn extrudates with the addition of brewers' spent grain as a raw material for the production of functional batters [pdf]. Acta Scientiarum Polonorum, Technologia Alimentaria, 2017, 16, 247-254.	0.2	2
39	CROPS DIAGNOSIS USING HURST EXPONENT VALUES IN FIELDS IMAGE ANALYSIS. , 2017, , .		0
40	THE IMPACT OF EXTRUSION ON THE BIOGAS AND BIOMETHANE YIELD OF PLANT SUBSTRATES. Journal of Ecological Engineering, 2016, 17, 264-272.	0.5	26
41	Energy efficiency of a confectionery plant – Case study. Journal of Food Engineering, 2015, 146, 182-191.	2.7	23
42	UTILIZING FRACTAL DIMENSIONS OF EXTRUDATE SECTIONAL-IMAGES FOR DESCRIBING THEIR TEXTURAL PROPERTIES. , 2015, , .		1
43	Assessment of Energy Consumption in a Meat-Processing Plant – a Case Study. Food and Bioprocess Technology, 2013, 6, 2621-2629.	2.6	14