

Krzysztof Pilarski

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

682
citations

471371

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docs citations

41
times ranked

542
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on Cement Pastes Exposed to Water and Solutions of Biological Waste. <i>Materials</i> , 2022, 15, 1931.	1.3	3
2	Eco-Friendly and Effective Diatomaceous Earth/Peat (DEP) Microbial Carriers in the Anaerobic Biodegradation of Food Waste Products. <i>Energies</i> , 2022, 15, 3442.	1.6	8
3	Application of Machine Learning Using Color and Texture Analysis to Recognize Microwave Vacuum Puffed Pork Snacks. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5071.	1.3	4
4	The Effect of Liquid Slurry-Enhanced Corrosion on the Phase Composition of Selected Portland Cement Pastes. <i>Materials</i> , 2021, 14, 1707.	1.3	3
5	The Application of Multiple Linear Regression and Artificial Neural Network Models for Yield Prediction of Very Early Potato Cultivars before Harvest. <i>Agronomy</i> , 2021, 11, 885.	1.3	59
6	A Comparison of Biomechanical Properties of Implant-Retained Overdenture Based on Precision Attachment Type. <i>Materials</i> , 2021, 14, 2598.	1.3	4
7	Assessment of Contact Pressures between a Mandibular Overdenture and the Prosthodontic Area. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4339.	1.3	1
8	The Nutritional Value and Safety of Genetically Unmodified Soybeans and Soybean Feed Products in the Nutrition of Farm Animals. <i>Agronomy</i> , 2021, 11, 1105.	1.3	6
9	Silica/Lignin Carrier as a Factor Increasing the Process Performance and Genetic Diversity of Microbial Communities in Laboratory-Scale Anaerobic Digesters. <i>Energies</i> , 2021, 14, 4429.	1.6	9
10	Neural Reduction of Image Data in Order to Determine the Quality of Malting Barley. <i>Sensors</i> , 2021, 21, 5696.	2.1	6
11	Image Analysis Methods in Classifying Selected Malting Barley Varieties by Neural Modelling. <i>Agriculture (Switzerland)</i> , 2021, 11, 732.	1.4	5
12	Modelling the Interaction between Air Pollutant Emissions and Their Key Sources in Poland. <i>Energies</i> , 2021, 14, 6891.	1.6	2
13	Degree of Biomass Conversion in the Integrated Production of Bioethanol and Biogas. <i>Energies</i> , 2021, 14, 7763.	1.6	8
14	A Comparison of the Influence of Kraft Lignin and the Kraft Lignin/Silica System as Cell Carriers on the Stability and Efficiency of the Anaerobic Digestion Process. <i>Energies</i> , 2020, 13, 5803.	1.6	6
15	A computer system supporting agricultural machinery and farm tractor purchase decisions. <i>Heliyon</i> , 2020, 6, e05039.	1.4	11
16	The Influence of the Process of Sugar Beet Storage on Its Biochemical Methane Potential. <i>Energies</i> , 2020, 13, 5104.	1.6	5
17	Seeds of n-GM Soybean Varieties Cultivated in Poland and Their Processing Products as High-Protein Feeds in Cattle Nutrition. <i>Agriculture (Switzerland)</i> , 2020, 10, 174.	1.4	15
18	Energy Efficiency of Comminution and Extrusion of Maize Substrates Subjected to Methane Fermentation. <i>Energies</i> , 2020, 13, 1887.	1.6	17

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19	The Efficiency of Industrial and Laboratory Anaerobic Digesters of Organic Substrates: The Use of the Biochemical Methane Potential Correction Coefficient. <i>Energies</i> , 2020, 13, 1280.	1.6	22
20	Production efficiency of Poland farm-scale biogas plants: A case study. <i>E3S Web of Conferences</i> , 2020, 154, 02002.	0.2	1
21	Neural Classification of Compost Maturity by Means of the Self-Organising Feature Map Artificial Neural Network and Learning Vector Quantization Algorithm. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3294.	1.2	14
22	Use of Confectionery Waste in Biogas Production by the Anaerobic Digestion Process. <i>Molecules</i> , 2019, 24, 37.	1.7	23
23	Application of Artificial Neural Networks for Yield Modeling of Winter Rapeseed Based on Combined Quantitative and Qualitative Data. <i>Agronomy</i> , 2019, 9, 781.	1.3	30
24	The Use of Lignin as a Microbial Carrier in the Co-Digestion of Cheese and Wafer Waste. <i>Polymers</i> , 2019, 11, 2073.	2.0	18
25	Cell Immobilization on Lignin-Polyvinylpyrrolidone Material for Anaerobic Digestion. <i>Environmental Engineering Science</i> , 2019, 36, 478-490.	0.8	13
26	EVALUATION OF BIOMETHANE YIELDS FROM HIGH-ENERGY ORGANIC WASTE AND SEWAGE SLUDGE: A PILOT STUDY FOR A WASTEWATER TREATMENT PLANT. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 2023-2034.	0.2	17
27	Kraft Lignin Grafted with Polyvinylpyrrolidone as a Novel Microbial Carrier in Biogas Production. <i>Energies</i> , 2018, 11, 3246.	1.6	18
28	The usefulness of sugar beets for biogas production in relations of the storage time and sugar content. <i>E3S Web of Conferences</i> , 2018, 44, 00114.	0.2	3
29	Utilization of vegetable dumplings waste from industrial production by anaerobic digestion. <i>International Agrophysics</i> , 2017, 31, 93-102.	0.7	19
30	Treatment of dairy waste by anaerobic co-digestion with sewage sludge. <i>Ecological Chemistry and Engineering S</i> , 2016, 23, 99-115.	0.3	20
31	THE IMPACT OF EXTRUSION ON THE BIOGAS AND BIOMETHANE YIELD OF PLANT SUBSTRATES. <i>Journal of Ecological Engineering</i> , 2016, 17, 264-272.	0.5	26
32	Functional polypropylene composites filled with ultra-fine magnesium hydroxide. <i>Open Chemistry</i> , 2015, 13, .	1.0	25
33	Use of MgO to Promote the Oxyethylation Reaction of Lauryl Alcohol. <i>Polish Journal of Chemical Technology</i> , 2014, 16, 36-42.	0.3	4
34	The effect of temperature, composition and phase of the composting process on the thermal conductivity of the substrate. <i>Ecological Engineering</i> , 2013, 61, 354-357.	1.6	39
35	Neural prediction of heat loss in the pig manure composting process. <i>Applied Thermal Engineering</i> , 2013, 58, 650-655.	3.0	51
36	Use of artificial neural networks in the identification and classification of tomatoes. , 2013, , .		16

#	ARTICLE	IF	CITATIONS
37	The selected examples of the application of computer image analysis in the assessment of environmental quality. Proceedings of SPIE, 2013, , .	0.8	21
38	Computer image analysis in the quality in procedure for selected carrot varieties. Proceedings of SPIE, 2013, , .	0.8	21
39	Possibilities of neural image analysis implementation in monitoring of microalgae production as a substrate for biogas plant. Proceedings of SPIE, 2012, , .	0.8	24
40	Neural image analysis for estimating aerobic and anaerobic decomposition of organic matter based on the example of straw decomposition. Proceedings of SPIE, 2012, , .	0.8	18
41	Artificial neural networks for modeling ammonia emissions released from sewage sludge composting. Atmospheric Environment, 2012, 57, 49-54.	1.9	67