

Weronika Kruszelnicka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7137831/publications.pdf>

Version: 2024-02-01

55
papers

431
citations

687363

13
h-index

794594

19
g-index

55
all docs

55
docs citations

55
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent Control and Monitoring of Biomass Comminution Process with the Use of Genetic Algorithms. <i>Studies in Systems, Decision and Control</i> , 2022, , 45-69.	1.0	0
2	Optimization of the Sowing Unit of a Piezoelectrical Sensor Chamber with the Use of Grain Motion Modeling by Means of the Discrete Element Method. Case Study: Rape Seed. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1594.	2.5	3
3	Energy-Model and Life Cycle-Model for Grinding Processes of Limestone Products. <i>Energies</i> , 2022, 15, 3816.	3.1	4
4	Design and Construction of an Innovative Particle Analyser. <i>MATEC Web of Conferences</i> , 2022, 357, 07006.	0.2	0
5	The Use of Simulation Software using the Discrete Element Method (DEM) for the Process of Materials Comminution. <i>MATEC Web of Conferences</i> , 2022, 357, 07005.	0.2	2
6	Simulation of Kinematic and Strength Analysis of a Conical Shredder. <i>MATEC Web of Conferences</i> , 2022, 357, 02021.	0.2	0
7	Computer-aided Eco-design Grinding Machines using Software SolidWorks Sustainability. <i>MATEC Web of Conferences</i> , 2022, 357, 02022.	0.2	1
8	The Development of Efficient Contaminated Polymer Materials Shredding in Recycling Processes. <i>Polymers</i> , 2021, 13, 713.	4.5	22
9	Study of Selected Physical-Mechanical Properties of Corn Grains Important from the Point of View of Mechanical Processing Systems Designing. <i>Materials</i> , 2021, 14, 1467.	2.9	13
10	Inteligentne monitorowanie jako skuteczna metoda podwyższenia efektywności i jakości procesu rozdrabniania. <i>Przemysł Chemiczny</i> , 2021, 1, 112-117.	0.0	2
11	Study of the Relationships between Multi-Hole, Multi-Disc Mill Performance Parameters and Comminution Indicators. <i>Sustainability</i> , 2021, 13, 8260.	3.2	5
12	The Comparative Assessment of Effects on the Power System and Environment of Selected Electric Transport Means in Poland. <i>Materials</i> , 2021, 14, 4556.	2.9	5
13	Research of Emergency Modes of Wind Power Plants Using Computer Simulation. <i>Energies</i> , 2021, 14, 4780.	3.1	5
14	Electric Cars as a Future Energy Accumulation System. <i>Springer Proceedings in Energy</i> , 2020, , 827-839.	0.3	0
15	The Integrated Energy Consumption Index for Energy Biomass Grinding Technology Assessment. <i>Energies</i> , 2020, 13, 1417.	3.1	25
16	LCA as a Tool for the Environmental Management of Car Tire Manufacturing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7015.	2.5	9
17	New model for ecological assessment of comminution process in energy biomass processing chain. <i>E3S Web of Conferences</i> , 2020, 154, 01001.	0.5	2
18	Managing the Uncertainty and Accuracy of Life Cycle Assessment Results for the Process of Beverage Bottle Moulding. <i>Polymers</i> , 2020, 12, 1320.	4.5	19

#	ARTICLE	IF	CITATIONS
19	Control and monitoring of multi-disc comminution process. Journal of Physics: Conference Series, 2020, 1426, 012006.	0.4	1
20	Control system of multi-disc mill with a new structural solution. Journal of Physics: Conference Series, 2020, 1426, 012007.	0.4	1
21	Researching and modelling of unbalanced regimes in systems of household electric power consumers. Journal of Physics: Conference Series, 2020, 1426, 012035.	0.4	1
22	Research of probability characteristics of current and voltage unbalance based on using graphs of load for the duration at the substation. Journal of Physics: Conference Series, 2020, 1426, 012036.	0.4	4
23	The research of the spectral characteristics of the voltage inverter exciter bandwidth. Journal of Physics: Conference Series, 2020, 1426, 012037.	0.4	0
24	Life cycle assessment of beverage bottles. Journal of Physics: Conference Series, 2020, 1426, 012038.	0.4	6
25	Application of LCA Method for Assessment of Environmental Impacts of a Polylactide (PLA) Bottle Shaping. Polymers, 2020, 12, 388.	4.5	31
26	Sustainable Wind Power Plant Modernization. Energies, 2020, 13, 1461.	3.1	11
27	Analiza procesu rozdrabniania biomateriała w młynie walcowym z pędziami... międzywalców... w ujęciu emisji CO2. Cz. I. Składowe modelu. Przemysł Chemiczny, 2020, 1, 136-140.	0.0	2
28	A New Model for Environmental Assessment of the Comminution Process in the Chain of Biomass Energy Processing. Energies, 2020, 13, 330.	3.1	15
29	Mechanical and Processing Properties of Rice Grains. Sustainability, 2020, 12, 552.	3.2	16
30	Study of Physical Properties of Rice and Corn Used for Energy Purposes. Springer Proceedings in Energy, 2020, , 149-162.	0.3	0
31	Analiza procesu rozdrabniania biomateriała w młynie walcowym z pędziami... międzywalców... w ujęciu emisji CO2. Cz. II. Ocena emisji CO2. Przemysł Chemiczny, 2020, 1, 112-115.	0.0	0
32	Life Cycle Analysis of Ecological Impacts of an Offshore and a Land-Based Wind Power Plant. Applied Sciences (Switzerland), 2019, 9, 231.	2.5	31
33	A study of operating parameters of a roller mill with a new design. AIP Conference Proceedings, 2019, , .	0.4	10
34	Assessment of the Environmental Impact of a Car Tire throughout Its Lifecycle Using the LCA Method. Materials, 2019, 12, 4177.	2.9	48
35	Skuteczność mieszenia ciasta mącznego. Przemysł Chemiczny, 2019, 1, 108-113.	0.0	2
36	Ocena emisji i środowiskowego bezpieczeństwa napędu rozdrabniaczy biomasy. Przemysł Chemiczny, 2019, 1, 152-156.	0.0	7

#	ARTICLE	IF	CITATIONS
37	Quality Index of Multi-Disc Grinding Process of Grainy Biomass. Quality Production Improvement - QPI, 2019, 1, 503-511.	0.2	2
38	Machinery Life Cycle Efficiency Models for their Sustainable Development. System Safety Human - Technical Facility - Environment, 2019, 1, 363-370.	0.1	2
39	Analysis of the Project of Innovative Floating Turbine. Polish Maritime Research, 2019, 26, 124-133.	1.9	4
40	Ecological Efficiency Assessment Model for Environmental Safety Management of Wind Power Plant. System Safety Human - Technical Facility - Environment, 2019, 1, 371-377.	0.1	4
41	Application of Algorithm of Discipline D2 of G8D Method in Solving Selected Problems of Quality Control Management. System Safety Human - Technical Facility - Environment, 2019, 1, 599-606.	0.1	1
42	The Energy Use Of Granulate And Pyrolysis Oil From Discarded Car Tires As A Method To Increase Ecological And Energy Safety. System Safety Human - Technical Facility - Environment, 2019, 1, 768-775.	0.1	0
43	Basis of Biomass Grinders Sustainable Designing. System Safety Human - Technical Facility - Environment, 2019, 1, 542-549.	0.1	3
44	Auto-monitoring system of grainy biomass comminution technology. IOP Conference Series: Materials Science and Engineering, 2018, 393, 012076.	0.6	10
45	Destruction assessment of wind power plastics blade. Polimery, 2018, 63, 381-386.	0.7	19
46	Regeneracja odpadów gumowych z zastosowaniem inteligentnego systemu rozdrabniania. Przemysł Chemiczny, 2018, 1, 61-67.	0.0	7
47	Comparison Analysis of Blade Life Cycles of Land-Based and Offshore Wind Power Plants. Polish Maritime Research, 2018, 25, 225-233.	1.9	26
48	Destructiveness of Profits and Outlays Associated with Operation of Offshore Wind Electric Power Plant. Part 1: Identification of a Model and its Components. Polish Maritime Research, 2018, 25, 132-139.	1.9	16
49	Bulkhead Door – Critical Evacuation States. Polish Maritime Research, 2017, 24, 66-71.	1.9	5
50	Assessment of Energy Use and Elimination of Co2 Emissions in the Life Cycle of an Offshore Wind Power Plant Farm. Polish Maritime Research, 2017, 24, 93-101.	1.9	15
51	Nowa koncepcja młynna walcowo-płytowego. Przemysł Chemiczny, 2017, 1, 136-141.	0.0	12
52	Badanie parametrów pracy laboratoryjnej instalacji pompy ciepła powietrze-woda typu monoblok. Przegląd Mechaniczny, 2017, 1, 40-44.	0.0	0
53	Badanie możliwości zwiększenia efektywności działania instalacji fotowoltaicznej dzięki zastosowaniu magazynu energii elektrycznej. Przegląd Mechaniczny, 2017, 1, 45-50.	0.0	0
54	Analysis of energy and economic efficiency of water heating system powered by photovoltaic module. , 2015, , 834/70-834/80.	0.1	2

#	ARTICLE	IF	CITATIONS
55	Analysis of energy and economic efficiency water heating by heat pump air-water. , 2015, , 834/59-834/69.	0.1	0