

# Weronika Kruszelnicka

## List of Publications by Year in descending order

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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	Assessment of the Environmental Impact of a Car Tire throughout Its Lifecycle Using the LCA Method. <i>Materials</i> , 2019, 12, 4177.	2.9	48
2	Life Cycle Analysis of Ecological Impacts of an Offshore and a Land-Based Wind Power Plant. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 231.	2.5	31
3	Application of LCA Method for Assessment of Environmental Impacts of a Polylactide (PLA) Bottle Shaping. <i>Polymers</i> , 2020, 12, 388.	4.5	31
4	Comparison Analysis of Blade Life Cycles of Land-Based and Offshore Wind Power Plants. <i>Polish Maritime Research</i> , 2018, 25, 225-233.	1.9	26
5	The Integrated Energy Consumption Index for Energy Biomass Grinding Technology Assessment. <i>Energies</i> , 2020, 13, 1417.	3.1	25
6	The Development of Efficient Contaminated Polymer Materials Shredding in Recycling Processes. <i>Polymers</i> , 2021, 13, 713.	4.5	22
7	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
8	Destruction assessment of wind power plastics blade. <i>Polimery</i> , 2018, 63, 381-386.	0.7	19
9	Destructiveness of Profits and Outlays Associated with Operation of Offshore Wind Electric Power Plant. Part 1: Identification of a Model and its Components. <i>Polish Maritime Research</i> , 2018, 25, 132-139.	1.9	16
10	Mechanical and Processing Properties of Rice Grains. <i>Sustainability</i> , 2020, 12, 552.	3.2	16
11	Assessment of Energy Use and Elimination of Co2 Emissions in the Life Cycle of an Offshore Wind Power Plant Farm. <i>Polish Maritime Research</i> , 2017, 24, 93-101.	1.9	15
12	A New Model for Environmental Assessment of the Comminution Process in the Chain of Biomass Energy Processing. <i>Energies</i> , 2020, 13, 330.	3.1	15
13	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
14	Nowa koncepcja młyna walcowo-płytowego. <i>Przemysł Chemiczny</i> , 2017, 1, 136-141.	0.0	12
15	Sustainable Wind Power Plant Modernization. <i>Energies</i> , 2020, 13, 1461.	3.1	11
16	Auto-monitoring system of grainy biomass comminution technology. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 393, 012076.	0.6	10
17	A study of operating parameters of a roller mill with a new design. <i>AIP Conference Proceedings</i> , 2019, ,	0.4	10
18	LCA as a Tool for the Environmental Management of Car Tire Manufacturing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7015.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Regeneracja odpadów gumowych z zastosowaniem inteligentnego systemu rozdrabniania. Przemysł Chemiczny, 2018, 1, 61-67.	0.0	7
20	Ocena emisyjności i środowiskowego bezpieczeństwa napędu rozdrabniaczy biomasy. Przemysł Chemiczny, 2019, 1, 152-156.	0.0	7
21	Life cycle assessment of beverage bottles. Journal of Physics: Conference Series, 2020, 1426, 012038.	0.4	6
22	Bulkhead Door – Critical Evacuation States. Polish Maritime Research, 2017, 24, 66-71.	1.9	5
23	Study of the Relationships between Multi-Hole, Multi-Disc Mill Performance Parameters and Comminution Indicators. Sustainability, 2021, 13, 8260.	3.2	5
24	The Comparative Assessment of Effects on the Power System and Environment of Selected Electric Transport Means in Poland. Materials, 2021, 14, 4556.	2.9	5
25	Research of Emergency Modes of Wind Power Plants Using Computer Simulation. Energies, 2021, 14, 4780.	3.1	5
26	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
27	Analysis of the Project of Innovative Floating Turbine. Polish Maritime Research, 2019, 26, 124-133.	1.9	4
28	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
29	Energy-Model and Life Cycle-Model for Grinding Processes of Limestone Products. Energies, 2022, 15, 3816.	3.1	4
30	Basis of Biomass Grinders Sustainable Designing. System Safety Human - Technical Facility - Environment, 2019, 1, 542-549.	0.1	3
31	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. Applied Sciences (Switzerland), 2022, 12, 1594.	2.5	3
32	New model for ecological assessment of comminution process in energy biomass processing chain. E3S Web of Conferences, 2020, 154, 01001.	0.5	2
33	Inteligentne monitorowanie jako skuteczna metoda podwyższania efektywności i jakości procesu rozdrabniania. Przemysł Chemiczny, 2021, 1, 112-117.	0.0	2
34	Skuteczność miesienia ciasta mącznego. Przemysł Chemiczny, 2019, 1, 108-113.	0.0	2
35	Analiza procesu rozdrabniania biomateriału w młynie walcowym z miłdzywalcow... w ujęciu emisji CO2. Cz. I. Skądowe modelu. Przemysł Chemiczny, 2020, 1, 136-140.	0.0	2
36	Quality Index of Multi-Disc Grinding Process of Grainy Biomass. Quality Production Improvement - QPI, 2019, 1, 503-511.	0.2	2

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37	Machinery Life Cycle Efficiency Models for their Sustainable Development. System Safety Human - Technical Facility - Environment, 2019, 1, 363-370.	0.1	2
38	Analysis of energy and economic efficiency of water heating system powered by photovoltaic module. , 2015, , 834/70-834/80.	0.1	2
39	The Use of Simulation Software using the Discrete Element Method (DEM) for the Process of Materials Comminution. MATEC Web of Conferences, 2022, 357, 07005.	0.2	2
40	Control and monitoring of multi-disc comminution process. Journal of Physics: Conference Series, 2020, 1426, 012006.	0.4	1
41	Control system of multi-disc mill with a new structural solution. Journal of Physics: Conference Series, 2020, 1426, 012007.	0.4	1
42	Researching and modelling of unbalanced regimes in systems of household electric power consumers. Journal of Physics: Conference Series, 2020, 1426, 012035.	0.4	1
43	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
44	Computer-aided Eco-design Grinding Machines using Software SolidWorks Sustainability. MATEC Web of Conferences, 2022, 357, 02022.	0.2	1
45	Electric Cars as a Future Energy Accumulation System. Springer Proceedings in Energy, 2020, , 827-839.	0.3	0
46	The research of the spectral characteristics of the voltage inverter exciter bandwidth. Journal of Physics: Conference Series, 2020, 1426, 012037.	0.4	0
47	Analysis of energy and economic efficiency water heating by heat pump air-water. , 2015, , 834/59-834/69.	0.1	0
48	Badanie parametrów pracy laboratoryjnej instalacji pompy ciepła powietrze-woda typu monoblok. Przegląd Mechaniczny, 2017, 1, 40-44.	0.0	0
49	Badanie możliwości zwiększenia efektywności działania instalacji fotowoltaicznej dzięki zastosowaniu magazynu energii elektrycznej. Przegląd Mechaniczny, 2017, 1, 45-50.	0.0	0
50	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
51	Study of Physical Properties of Rice and Corn Used for Energy Purposes. Springer Proceedings in Energy, 2020, , 149-162.	0.3	0
52	Analiza procesu rozdrabniania biomateriału w młynie walcowym z płytami międzywalcowymi w ujęciu emisji CO <sub>2</sub> . Czynniki II**. Ocena emisji CO <sub>2</sub> . Przemysł Chemiczny, 2020, 1, 112-115.	0.0	0
53	Intelligent Control and Monitoring of Biomass Comminution Process with the Use of Genetic Algorithms. Studies in Systems, Decision and Control, 2022, , 45-69.	1.0	0
54	Design and Construction of an Innovative Particle Analyser. MATEC Web of Conferences, 2022, 357, 07006.	0.2	0

#	ARTICLE	IF	CITATIONS
55	Simulation of Kinematic and Strength Analysis of a Conical Shredder. MATEC Web of Conferences, 2022, 357, 02021.	0.2	0