Olga Orynycz

List of Publications by Year
in descending order

32	423	687363 13	794594 19
papers	citations	h-index	g-index

33	33	33	435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Development of Electromobility in Poland and EU States as a Tool for Management of CO2 Emissions. Energies, 2019, 12, 2942.	3.1	60
2	Capacity Market Implementation in Poland: Analysis of a Survey on Consequences for the Electricity Market and for Energy Management. Energies, 2019, 12, 839.	3.1	35
3	Perspectives for Mitigation of CO2 Emission due to Development of Electromobility in Several Countries. Energies, 2020, 13, 4127.	3.1	24
4	Simulation of the Operation of a Spark Ignition Engine Fueled with Various Biofuels and Its Contribution to Technology Management. Sustainability, 2019, 11, 2799.	3.2	23
5	Toxicity of Exhaust Fumes (CO, NOx) of the Compression-Ignition (Diesel) Engine with the Use of Simulation. Sustainability, 2019, 11, 2188.	3.2	22
6	The Effects of Energy Contributions into Subsidiary Processes on Energetic Efficiency ofÂBiomass Plantation Supplying Biofuel Production System. Agriculture and Agricultural Science Procedia, 2015, 7, 292-300.	0.6	18
7	Gas Turbine Cycle with External Combustion Chamber for Prosumer and Distributed Energy Systems. Energies, 2019, 12, 3501.	3.1	18
8	Thermodynamic Cycle Concepts for High-Efficiency Power Plans. Part A: Public Power Plants 60+. Sustainability, 2019, 11, 554.	3.2	17
9	Thermodynamic Cycle Concepts for High-Efficiency Power Plants. Part B: Prosumer and Distributed Power Industry. Sustainability, 2019, 11, 2647.	3.2	17
10	The Effects of Pressure and Temperature on the Process of Auto-Ignition and Combustion of Rape Oil and Its Mixtures. Sustainability, 2019, 11, 3451.	3.2	16
11	Estimation of Carbon Dioxide Emissions from a Diesel Engine Powered by Lignocellulose Derived Fuel for Better Management of Fuel Production. Energies, 2020, 13, 561.	3.1	15
12	Evaluation of the Brakeâ€™s Performance Dependence Upon Technical Condition of Car Tires as a Factor of Road Safety Management. Energies, 2020, 13, 9.	3.1	14
13	The Impact of Fuel Type on the Output Parameters of a New Biofuel Burner. Energies, 2019, 12, 1383.	3.1	13
14	Influence of Different Biofuels on the Efficiency of Gas Turbine Cycles for Prosumer and Distributed Energy Power Plants. Energies, 2019, 12, 3173.	3.1	12
15	Low Emissions Resulting from Combustion of Forest Biomass in a Small Scale Heating Device. Energies, 2020, 13, 5495.	3.1	12
16	Implementation of Lean Management as a Tool for Decrease of Energy Consumption and CO2 Emissions in the Fast Food Restaurant. Energies, 2020, 13, 1184.	3.1	11
17	Formulation of a model for energetic efficiency of agricultural subsystem of biofuel production. , 2014, , .		9
18	Analysis of the Possibility of Fulfilling the Paris Agreement by the Visegrad Group Countries. Sustainability, 2021, 13, 8826.	3.2	9

#	Article	IF	Citations
19	Influence of Tillage Technology on the Energy Efficiency of a Rapeseed Plantation. Procedia Engineering, 2017, 182, 532-539.	1.2	8
20	The Effects of Materialâ€™s Transport on Various Steps of Production System on Energetic Efficiency of Biodiesel Production. Sustainability, 2018, 10, 2736.	3.2	8
21	Thermodynamic Fundamentals for Fuel Production Management. Sustainability, 2019, 11, 4449.	3.2	8
22	Total Productive Maintenance Approach to an Increase of the Energy Efficiency of a Hotel Facility and Mitigation of Water Consumption. Energies, 2021, 14, 1706.	3.1	8
23	Potential Routes to the Sustainability of the Food Packaging Industry. Sustainability, 2022, 14, 3924.	3.2	8
24	Technology Management Leading to a Smart System Solution Assuring a Decrease of Energy Consumption in Recreational Facilities. Energies, 2020, 13, 3425.	3.1	7
25	Bioenergy and Biofuels. Sustainability, 2021, 13, 9972.	3.2	7
26	An Evaluation of the Quality and Microstructure of Biodegradable Composites as Contribution towards Better Management of Food Industry Wastes. Sustainability, 2019, 11, 1504.	3.2	6
27	Modeling of Biofuelâ€™s Emissivity for Fuel Choice Management. Sustainability, 2019, 11, 6842.	3.2	5
28	Computer Simulation as a Tool for Managing the Technical Development of Methods for Diagnosing the Technical Condition of a Vehicle. Energies, 2020, 13, 2869.	3.1	5
29	A Computer Tool Using OpenModelica for Modelling CO2 Emissions in Driving Tests. Energies, 2022, 15, 995.	3.1	5
30	Control of Machining of Axisymmetric Low-Rigidity Parts. Materials, 2020, 13, 5053.	2.9	2
31	Clasiffication and Analysis of Typical Structures of Dynamic Systems of Machining of Low-Rigidity Shafts. IFAC-PapersOnLine, 2019, 52, 142-147.	0.9	0
32	An Investigation into the Effect of Electro-Contact Heating in the Machining of Low-Rigidity Thin-Walled Micro-Machine Parts. Materials, 2021, 14, 4427.	2.9	0