

# Arkadiusz Dyjakon

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

214  
citations

9  
h-index

12  
g-index

40  
ext. papers

303  
ext. citations

2.4  
avg, IF

4.49  
L-index

#	Paper	IF	Citations
34	The Impact of Torrefaction Temperature on the Physical-Chemical Properties of Residual Exotic Fruit (Avocado, Mango, Lychee) Seeds. <i>Energies</i> , <b>2022</b> , 15, 612	3.1	1
33	Mechanical Durability and Grindability of Pellets after Torrefaction Process. <i>Energies</i> , <b>2021</b> , 14, 6772	3.1	1
32	How Clusters Create Shared Value in Rural Areas: An Examination of Six Case Studies. <i>Sustainability</i> , <b>2021</b> , 13, 4578	3.6	3
31	Kinetic Parameters of Nut Shells Pyrolysis. <i>Energies</i> , <b>2021</b> , 14, 682	3.1	6
30	Evaluation of Urban Tree Leaf Biomass-Potential, Physico-Mechanical and Chemical Parameters of Raw Material and Solid Biofuel. <i>Energies</i> , <b>2021</b> , 14, 818	3.1	9
29	Influence of Torrefaction Temperature and Climatic Chamber Operation Time on Hydrophobic Properties of Agri-Food Biomass Investigated Using the EMC Method. <i>Energies</i> , <b>2021</b> , 14, 5299	3.1	2
28	Analysis of the Possibility of Energetic Utilization of Biomass Obtained from Grass Mowing of a Large-Area Golf Course – A Case Study of Tuscany. <i>Energies</i> , <b>2021</b> , 14, 5520	3.1	0
27	How Intellectual Capital Predicts Innovation Output in EU Regions: Implications for Sustainable Development. <i>Sustainability</i> , <b>2021</b> , 13, 14036	3.6	2
26	How do Clusters Foster Sustainable Development? An Analysis of EU Policies. <i>Sustainability</i> , <b>2020</b> , 12, 1297	3.6	11
25	Life-Cycle Assessment of the Use of Peach Pruning Residues for Electricity Generation. <i>Energies</i> , <b>2020</b> , 13, 2734	3.1	4
24	Określenie dominującego mechanizmu powstawania NOx w kotłach małej mocy zasilanych biomasą. <i>Przemysł Chemiczny</i> , <b>2020</b> , 1, 70-75	1.8	2
23	Technical Options of Pruned Biomass Harvesting in the Apple Orchards Applying Baling Technology and Its Conversion to Energy. <i>Springer Proceedings in Energy</i> , <b>2020</b> , 67-78	0.2	
22	The Influence of Power Sources for Charging the Batteries of Electric Cars on CO2 Emissions during Daily Driving: A Case Study from Poland. <i>Energies</i> , <b>2020</b> , 13, 4267	3.1	11
21	Assessment of Energy Storage from Photovoltaic Installations in Poland Using Batteries or Hydrogen. <i>Energies</i> , <b>2020</b> , 13, 4023	3.1	19
20	Alternative Fuels from Forestry Biomass Residue: Torrefaction Process of Horse Chestnuts, Oak Acorns, and Spruce Cones. <i>Energies</i> , <b>2020</b> , 13, 2468	3.1	9
19	The Impact of Particles Comminution on Mechanical Durability of Wheat Straw Briquettes. <i>Energies</i> , <b>2020</b> , 13, 6186	3.1	5
18	Implementing Agricultural Pruning to Energy in Europe: Technical, Economic and Implementation Potentials. <i>Energies</i> , <b>2019</b> , 12, 1513	3.1	14

17	Local Energy Use of Biomass from Apple Orchards – An LCA Study. <i>Sustainability</i> , <b>2019</b> , 11, 1604	3.6	7
16	The Influence of Apple Orchard Management on Energy Performance and Pruned Biomass Harvesting for Energetic Applications. <i>Energies</i> , <b>2019</b> , 12, 632	3.1	7
15	Building Variable Productivity Ratios for Improving Large Scale Spatially Explicit Pruning Biomass Assessments. <i>Energies</i> , <b>2019</b> , 12, 957	3.1	5
14	The Influence of Freezing Temperature Storage on the Mechanical Durability of Commercial Pellets from Biomass. <i>Energies</i> , <b>2019</b> , 12, 2627	3.1	22
13	Determination of Strength Properties of Energy Plants on the Example of Miscanthus Giganteus, Rosa Multiflora and Salix Viminalis. <i>Energies</i> , <b>2019</b> , 12, 3660	3.1	3
12	Implementing life cycle cost analysis methodology for evaluating agricultural pruning-to-energy initiatives. <i>Bioresource Technology Reports</i> , <b>2019</b> , 6, 54-62	4.1	2
11	The Influence of Torrefaction Temperature on Hydrophobic Properties of Waste Biomass from Food Processing. <i>Energies</i> , <b>2019</b> , 12, 4609	3.1	21
10	Harvesting and Baling of Pruned Biomass in Apple Orchards for Energy Production. <i>Energies</i> , <b>2018</b> , 11, 1680	3.1	23
9	Two innovative prototypes for collecting pruning biomass: Early performance tests and assessment of the work quality. <i>Biomass and Bioenergy</i> , <b>2018</b> , 117, 96-101	5.3	8
8	Orchards Pruning to Energy – The Results of the Environmental Impact Assessment of the New Logistic Chain Developed within the Europruning Project [Part 2. <i>Agricultural Engineering</i> , <b>2018</b> , 22, 37-48	0.4	5
7	Energetic Potential of Apple Orchards in Europe in Terms of Mechanized Harvesting of Pruning Residues. <i>Springer Proceedings in Energy</i> , <b>2018</b> , 593-602	0.2	
6	Innovative Production Technology of High Quality Pellets for Power Plants. <i>Springer Proceedings in Energy</i> , <b>2018</b> , 701-712	0.2	
5	Orchard – Pruning for Energy Purposes [Methodology of Environmental Impact Assessment of New Logistic Chain Developed within Europruning Project [Part 1. <i>Agricultural Engineering</i> , <b>2018</b> , 22, 29-36	0.4	
4	The Influence of the Use of Windrowers in Baler Machinery on the Energy Balance during Pruned Biomass Harvesting in the Apple Orchard. <i>Energies</i> , <b>2018</b> , 11, 3236	3.1	7
3	Food waste in Central Europe – challenges and solutions. <i>E3S Web of Conferences</i> , <b>2017</b> , 22, 00019	0.5	3
2	Effect of Temperature and Heating Rate on the Char Yield in Sorghum and Straw Slow Pyrolysis. <i>Revista De Chimie (discontinued)</i> , <b>2017</b> , 68, 576-580	1.8	2
1	WYKORZYSTANIE POPIOŁÓW LOTNYCH DO USUWANIA METALI CIĘŻKICH Z OSADÓW CIĘKOWYCH PRZEZNACZONYCH DO NAWOŻENIA PŁÓDZIN UPRAWNYCH. <i>Zeszyty Problemowe Postępy Nauk Rolniczych</i> , <b>2017</b> , 27-37	0	