

# Arkadiusz Dyjakon

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8913069/arkadiusz-dyjakon-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Harvesting and Baling of Pruned Biomass in Apple Orchards for Energy Production. <i>Energies</i> , <b>2018</b> , 11, 1680	3.1	23
33	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
32	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
31	Assessment of Energy Storage from Photovoltaic Installations in Poland Using Batteries or Hydrogen. <i>Energies</i> , <b>2020</b> , 13, 4023	3.1	19
30	Implementing Agricultural Pruning to Energy in Europe: Technical, Economic and Implementation Potentials. <i>Energies</i> , <b>2019</b> , 12, 1513	3.1	14
29	How do Clusters Foster Sustainable Development? An Analysis of EU Policies. <i>Sustainability</i> , <b>2020</b> , 12, 1297	3.6	11
28	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
27	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
26	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
25	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
24	Local Energy Use of Biomass from Apple Orchards—An LCA Study. <i>Sustainability</i> , <b>2019</b> , 11, 1604	3.6	7
23	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
22	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
21	Kinetic Parameters of Nut Shells Pyrolysis. <i>Energies</i> , <b>2021</b> , 14, 682	3.1	6
20	Building Variable Productivity Ratios for Improving Large Scale Spatially Explicit Pruning Biomass Assessments. <i>Energies</i> , <b>2019</b> , 12, 957	3.1	5
19	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
18	The Impact of Particles Comminution on Mechanical Durability of Wheat Straw Briquettes. <i>Energies</i> , <b>2020</b> , 13, 6186	3.1	5

17	Life-Cycle Assessment of the Use of Peach Pruning Residues for Electricity Generation. <i>Energies</i> , <b>2020</b> , 13, 2734	3.1	4
16	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
15	Food waste in Central Europe – challenges and solutions. <i>E3S Web of Conferences</i> , <b>2017</b> , 22, 00019	0.5	3
14	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
13	Określenie dominującego mechanizmu powstawania NOx w kotłach małej mocy zasilanych biomasą. <i>Przemysł Chemiczny</i> , <b>2020</b> , 1, 70-75	1.8	2
12	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
11	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
10	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
9	How Intellectual Capital Predicts Innovation Output in EU Regions: Implications for Sustainable Development. <i>Sustainability</i> , <b>2021</b> , 13, 14036	3.6	2
8	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
7	Mechanical Durability and Grindability of Pellets after Torrefaction Process. <i>Energies</i> , <b>2021</b> , 14, 6772	3.1	1
6	Analysis of the Possibility of Energetic Utilization of Biomass Obtained from Grass Mowing of a Large-Area Golf Course – Case Study of Tuscany. <i>Energies</i> , <b>2021</b> , 14, 5520	3.1	0
5	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	
4	Innovative Production Technology of High Quality Pellets for Power Plants. <i>Springer Proceedings in Energy</i> , <b>2018</b> , 701-712	0.2	
3	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	
2	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	
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	