

# Adam ÅwiÄtochowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2532613/publications.pdf>

Version: 2024-02-01

21  
papers

229  
citations

1040056

9  
h-index

1058476

14  
g-index

21  
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docs citations

21  
times ranked

213  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of moisture content, temperature, and die thickness on the compaction process, and the density and strength of walnut shell pellets. <i>Renewable Energy</i> , 2019, 141, 770-781.	8.9	34
2	Spent coffee grounds compaction process: Its effects on the strength properties of biofuel pellets. <i>Renewable Energy</i> , 2019, 142, 173-183.	8.9	34
3	Particle Size Distribution and Physicochemical Properties of Pellets Made of Straw, Hay, and Their Blends. <i>Waste and Biomass Valorization</i> , 2020, 11, 63-75.	3.4	33
4	Effects of the biomass moisture content and pelleting temperature on the pressure-induced agglomeration process. <i>Biomass and Bioenergy</i> , 2017, 107, 376-383.	5.7	30
5	Duckfoot tools connected with flexible and stiff tines: Three components of resistances and soil disturbance. <i>Soil and Tillage Research</i> , 2016, 158, 76-90.	5.6	17
6	Biomass harvested at two energy plant growth phases for biogas production. <i>Industrial Crops and Products</i> , 2017, 105, 10-23.	5.2	16
7	The Characteristics of Shredded Straw and Hay Biomass – Part 1 – Whole Mixture. <i>Waste and Biomass Valorization</i> , 2018, 9, 853-859.	3.4	10
8	The Characteristics of Shredded Straw and Hay Biomass: Part 2 – The Finest Particles. <i>Waste and Biomass Valorization</i> , 2018, 9, 115-121.	3.4	10
9	Energy of feeding and chopping of biomass processing in the working units of forage harvester and energy balance of methane production from selected energy plants species. <i>Biomass and Bioenergy</i> , 2019, 128, 105301.	5.7	10
10	Effect of compacted dose of pure straw and blends of straw with calcium carbonate or cassava starch on pelletising process and pellet quality. <i>Journal of Cleaner Production</i> , 2020, 277, 124006.	9.3	10
11	Pelletising pure wheat straw and blends of straw with calcium carbonate or cassava starch at different moisture, temperature, and die height values: Modelling and optimisation. <i>Journal of Cleaner Production</i> , 2020, 272, 122955.	9.3	8
12	Influence of Fraction Particle Size of Pure Straw and Blends of Straw with Calcium Carbonate or Cassava Starch on Pelletising Process and Pellet. <i>Materials</i> , 2020, 13, 4623.	2.9	5
13	Characterisation of Wheat Straw Pellets Individually and in Combination with Cassava Starch or Calcium Carbonate under Various Compaction Conditions: Determination of Pellet Strength and Water Absorption Capacity. <i>Materials</i> , 2020, 13, 4375.	2.9	4
14	Compaction of chopped material in a mini silo. <i>Biomass and Bioenergy</i> , 2020, 139, 105631.	5.7	3
15	Friction properties of pellets made of wood and straw. , 2018, , .		2
16	X-ray Analysis of Biomass Wood Briquette Structure. <i>Agricultural Engineering</i> , 2016, 20, 147-154.	0.8	1
17	INFLUENCE OF STEAM EXPLOSION ON MATERIAL PROPERTIES UNDER PRESSURE AGGLOMERATION. , 0, , .		1
18	Effect of Stone Impacts on Various Ground Engaging Tools (Flexible/Stiff Tines and Coulter): Part I. <i>Materials</i> , 2022, 15, 1568.	2.9	1

#	ARTICLE	IF	CITATIONS
19	VALUABLE ENERGY OF BIOCHAR FROM AGRICULTURAL AND FOREST WASTE STREAMS. , 0, , .		0
20	Physical and chemical properties of pulp waste for energy purposes. , 2018, , .		0
21	Kinetics and Dynamics of the Stiff and Flexible Tines with the Duckfoot and the Coulter after Impact with Stones Embedded in Compacted Soil. Part II. Materials, 2022, 15, 1351.	2.9	0