

Adam ÅwiÄtochowski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effect of Stone Impacts on Various Ground Engaging Tools (Flexible/Stiff Tines and Coulter): Part I. Materials, 2022, 15, 1568.	2.9	1
2	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
3	Particle Size Distribution and Physicochemical Properties of Pellets Made of Straw, Hay, and Their Blends. Waste and Biomass Valorization, 2020, 11, 63-75.	3.4	33
4	Compaction of chopped material in a mini silo. Biomass and Bioenergy, 2020, 139, 105631.	5.7	3
5	Effect of compacted dose of pure straw and blends of straw with calcium carbonate or cassava starch on pelletising process and pellet quality. Journal of Cleaner Production, 2020, 277, 124006.	9.3	10
6	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. Journal of Cleaner Production, 2020, 272, 122955.	9.3	8
7	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. Materials, 2020, 13, 4375.	2.9	4
8	Influence of Fraction Particle Size of Pure Straw and Blends of Straw with Calcium Carbonate or Cassava Starch on Pelletising Process and Pellet. Materials, 2020, 13, 4623.	2.9	5
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. Biomass and Bioenergy, 2019, 128, 105301.	5.7	10
10	Effects of moisture content, temperature, and die thickness on the compaction process, and the density and strength of walnut shell pellets. Renewable Energy, 2019, 141, 770-781.	8.9	34
11	Spent coffee grounds compaction process: Its effects on the strength properties of biofuel pellets. Renewable Energy, 2019, 142, 173-183.	8.9	34
12	The Characteristics of Shredded Straw and Hay Biomass – Part 1 – Whole Mixture. Waste and Biomass Valorization, 2018, 9, 853-859.	3.4	10
13	The Characteristics of Shredded Straw and Hay Biomass: Part 2 – The Finest Particles. Waste and Biomass Valorization, 2018, 9, 115-121.	3.4	10
14	Physical and chemical properties of pulp waste for energy purposes. , 2018, , .		0
15	Friction properties of pellets made of wood and straw. , 2018, , .		2
16	Biomass harvested at two energy plant growth phases for biogas production. Industrial Crops and Products, 2017, 105, 10-23.	5.2	16
17	Effects of the biomass moisture content and pelleting temperature on the pressure-induced agglomeration process. Biomass and Bioenergy, 2017, 107, 376-383.	5.7	30
18	Duckfoot tools connected with flexible and stiff tines: Three components of resistances and soil disturbance. Soil and Tillage Research, 2016, 158, 76-90.	5.6	17

#	ARTICLE	IF	CITATIONS
19	X-ray Analysis of Biomass Wood Briquette Structure. Agricultural Engineering, 2016, 20, 147-154.	0.8	1
20	INFLUENCE OF STEAM EXPLOSION ON MATERIAL PROPERTIES UNDER PRESSURE AGGLOMERATION. , 0, , .		1
21	VALUABLE ENERGY OF BIOCHAR FROM AGRICULTURAL AND FOREST WASTE STREAMS. , 0, , .		0