Tajana KriÄka

List of Publications by Year
in descending order

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37	438	933447 10	752698 20
papers	citations	h-index	g-index

38	38	38	665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomass Valorization of Walnut Shell for Liquefaction Efficiency. Energies, 2022, 15, 495.	3.1	11
2	Solid biofuels properties of Miscanthus X giganteus cultivated on contaminated soil after phytoremediation process. Journal of the Energy Institute, 2022, 101, 131-139.	5.3	10
3	Species Arar (Phoenicea juniperus L.) as a biomass source â€“ A case study. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 6009-6020.	2.3	0
4	Modelling of corn kernel pre-treatment, drying and processing for ethanol production using artificial neural networks. Industrial Crops and Products, 2021, 162, 113293.	5.2	11
5	Contribution of Winter Wheat and Barley Cultivars to Climate Change via Soil Respiration in Continental Croatia. Agronomy, 2021, 11, 2127.	3.0	2
6	Influence of Harvest Time, Method of Preparation and Method of Distillation on the Qualitative Properties of Organically Grown and Wild Helichrysum italicum Immortelle Essential Oil. Separations, 2021, 8, 167.	2.4	5
7	Tehnologija dorade i skladiÅ¡tenja maka. Glasilo Future, 2020, 3, 1-12.	0.0	0
8	Evaluation of Posidonia oceanica waste as a biomass source for energy generation. Bioenergy Research, 2019, 12, 1104-1112.	3.9	12
9	Nutritional usability of thermal treated white and brown bread in broiler feed. Journal of Central European Agriculture, 2019, 20, 788-795.	0.6	4
10	Valorization of sunflower husk after seeds convection drying for solid fuel production. Journal of Central European Agriculture, 2019, 20, 389-401.	0.6	8
11	Spanish broom (Spartium junceum L.) â€“ feedstock for bioplastic and bioenergy industry. The Holistic Approach To Environment, 2019, 9, 44-52.	0.5	1
12	Revitalization of abandoned agricultural lands in Croatia using the energy crop Miscanthus x giganteus. Journal on Processing and Energy in Agriculture, 2019, 23, 128-131.	0.4	3
13	Sensory evaluation of hemp and pea proteins enriched pasta. Glasilo Future, 2019, 2, 23-43.	0.0	0
14	Effect of Harvest Season on the Fuel Properties of Sida hermaphrodita (L.) Rusby Biomass as Solid Biofuel. Energies, 2018, 11, 3398.	3.1	18
15	Evaluation of Croatian agricultural solid biomass energy potential. Renewable and Sustainable Energy Reviews, 2018, 93, 225-230.	16.4	85
16	The effect of drying temperature on the coloration intensity of marigold inflorescences for animal. Krmiva, 2018, 59, 69-76.	0.1	1
17	Release of water by convective drying from rapeseed at different temperatures. Poljoprivreda, 2018, 24, 50-56.	0.5	1
18	Combustion properties of Miscanthus x giganteus biomass â€“ Optimization of harvest time. Journal of the Energy Institute, 2017, 90, 528-533.	5.3	42

#	Article	IF	Citations
19	Biomass valorisation of Arundo donax L., Miscanthus Ã— giganteus and Sida hermaphrodita for biofuel production. International Agrophysics, 2017, 31, 575-581.	1.7	39
20	Effects of different air drying temperature on sunflower seeds oil and ash content. Journal on Processing and Energy in Agriculture, 2017, 21, 5-8.	0.4	4
21	Energy valorization of Miscanthus x giganteus biomass: A case study in Croatia. Journal on Processing and Energy in Agriculture, 2017, 21, 32-36.	0.4	7
22	High-risk bio-waste processing by alkaline hydrolysis and isolation of amino acids. Tehnicki Vjesnik, 2016, 23, .	0.2	0
23	Anaerobic digestion of specific biodegradable waste and final disposal. Tehnicki Vjesnik, 2016, 23, .	0.2	0
24	Effect of Extrusion Pretreatment on Enzymatic Hydrolysis of Miscanthus for the Purpose of Ethanol Production. Journal of Agricultural Science, 2015, 7, .	0.2	4
25	Reuse of rapeseed by-products from biodiesel production. Spanish Journal of Agricultural Research, 2015, 13, e0207.	0.6	2
26	Efficiency of alkaline hydrolysis method in environment protection. Collegium Antropologicum, 2014, 38, 487-92.	0.2	2
27	Chemometric approach for assessing the quality of olive cake pellets. Fuel Processing Technology, 2013, 116, 250-256.	7.2	52
28	Energy analysis of main residual biomass in Croatia. African Journal of Agricultural Research Vol Pp, 2012, 7, 6383-6388.	0.5	8
29	Energy potential of fruit tree pruned biomass in Croatia. Spanish Journal of Agricultural Research, 2012, 10, 292.	0.6	56
30	High-Risk Biodegradable Waste Processing By Alkaline Hydrolysis. Arhiv Za Higijenu Rada I Toksikologiju, 2011, 62, 249-253.	0.7	3
31	OPTIMIZATION OF EXTRUSION COOKING OF CORNMEAL AS RAW MATERIAL FOR BAKERY PRODUCTS. Journal of Food Process Engineering, 2009, 32, 294-317.	2.9	9
32	Progress in ethanol production from corn kernel by applying cooking pre-treatment. Bioresource Technology, 2009, 100, 2712-2718.	9.6	25
33	Bioethanol production from corn kernel grown with different cropping intensities. Cereal Research Communications, 2007, 35, 1309-1312.	1.6	5
34	Effect of cooking pressure on starch gelatinization of some major cereals. Cereal Research Communications, 2007, 35, 525-528.	1.6	0
35	Effect of drainage systems on the water release rate in the process of drying wheat and corn grain. Irrigation and Drainage, 2007, 56, 107-113.	1.7	2
36	Mineral composition of corn plant material after fertilization with fermented meat-bone meal. Cereal Research Communications, 2007, 35, 669-672.	1.6	0

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37	Chemical composition of corn kernels after a hydrothermal "cooking" procedure. Acta Veterinaria, 2004, 54, 209-218.	0.5	3