

Tajana KriÄka

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

438
citations

933447

10
h-index

752698

20
g-index

38
all docs

38
docs citations

38
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Croatian agricultural solid biomass energy potential. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 93, 225-230.	16.4	85
2	Energy potential of fruit tree pruned biomass in Croatia. <i>Spanish Journal of Agricultural Research</i> , 2012, 10, 292.	0.6	56
3	Chemometric approach for assessing the quality of olive cake pellets. <i>Fuel Processing Technology</i> , 2013, 116, 250-256.	7.2	52
4	Combustion properties of <i>Miscanthus x giganteus</i> biomass – Optimization of harvest time. <i>Journal of the Energy Institute</i> , 2017, 90, 528-533.	5.3	42
5	Biomass valorisation of <i>Arundo donax</i> L., <i>Miscanthus</i> – <i>giganteus</i> and <i>Sida hermaphrodita</i> for biofuel production. <i>International Agrophysics</i> , 2017, 31, 575-581.	1.7	39
6	Progress in ethanol production from corn kernel by applying cooking pre-treatment. <i>Bioresource Technology</i> , 2009, 100, 2712-2718.	9.6	25
7	Effect of Harvest Season on the Fuel Properties of <i>Sida hermaphrodita</i> (L.) Rusby Biomass as Solid Biofuel. <i>Energies</i> , 2018, 11, 3398.	3.1	18
8	Evaluation of <i>Posidonia oceanica</i> waste as a biomass source for energy generation. <i>Bioenergy Research</i> , 2019, 12, 1104-1112.	3.9	12
9	Modelling of corn kernel pre-treatment, drying and processing for ethanol production using artificial neural networks. <i>Industrial Crops and Products</i> , 2021, 162, 113293.	5.2	11
10	Biomass Valorization of Walnut Shell for Liquefaction Efficiency. <i>Energies</i> , 2022, 15, 495.	3.1	11
11	Solid biofuels properties of <i>Miscanthus X giganteus</i> cultivated on contaminated soil after phytoremediation process. <i>Journal of the Energy Institute</i> , 2022, 101, 131-139.	5.3	10
12	OPTIMIZATION OF EXTRUSION COOKING OF CORNMEAL AS RAW MATERIAL FOR BAKERY PRODUCTS. <i>Journal of Food Process Engineering</i> , 2009, 32, 294-317.	2.9	9
13	Energy analysis of main residual biomass in Croatia. <i>African Journal of Agricultural Research Vol Pp</i> , 2012, 7, 6383-6388.	0.5	8
14	Valorization of sunflower husk after seeds convection drying for solid fuel production. <i>Journal of Central European Agriculture</i> , 2019, 20, 389-401.	0.6	8
15	Energy valorization of <i>Miscanthus x giganteus</i> biomass: A case study in Croatia. <i>Journal on Processing and Energy in Agriculture</i> , 2017, 21, 32-36.	0.4	7
16	Bioethanol production from corn kernel grown with different cropping intensities. <i>Cereal Research Communications</i> , 2007, 35, 1309-1312.	1.6	5
17	Influence of Harvest Time, Method of Preparation and Method of Distillation on the Qualitative Properties of Organically Grown and Wild <i>Helichrysum italicum</i> Immortelle Essential Oil. <i>Separations</i> , 2021, 8, 167.	2.4	5
18	Effect of Extrusion Pretreatment on Enzymatic Hydrolysis of <i>Miscanthus</i> for the Purpose of Ethanol Production. <i>Journal of Agricultural Science</i> , 2015, 7, .	0.2	4

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19	Nutritional usability of thermal treated white and brown bread in broiler feed. Journal of Central European Agriculture, 2019, 20, 788-795.	0.6	4
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	High-Risk Biodegradable Waste Processing By Alkaline Hydrolysis. Arhiv Za Higijenu Rada I Toksikologiju, 2011, 62, 249-253.	0.7	3
22	Chemical composition of corn kernels after a hydrothermal "cooking" procedure. Acta Veterinaria, 2004, 54, 209-218.	0.5	3
23	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
24	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
25	Reuse of rapeseed by-products from biodiesel production. Spanish Journal of Agricultural Research, 2015, 13, e0207.	0.6	2
26	Contribution of Winter Wheat and Barley Cultivars to Climate Change via Soil Respiration in Continental Croatia. Agronomy, 2021, 11, 2127.	3.0	2
27	Efficiency of alkaline hydrolysis method in environment protection. Collegium Antropologicum, 2014, 38, 487-92.	0.2	2
28	Spanish broom (<i>Spartium junceum</i> L.) as feedstock for bioplastic and bioenergy industry. The Holistic Approach To Environment, 2019, 9, 44-52.	0.5	1
29	The effect of drying temperature on the coloration intensity of marigold inflorescences for animal. Krmiva, 2018, 59, 69-76.	0.1	1
30	Release of water by convective drying from rapeseed at different temperatures. Poljoprivreda, 2018, 24, 50-56.	0.5	1
31	Effect of cooking pressure on starch gelatinization of some major cereals. Cereal Research Communications, 2007, 35, 525-528.	1.6	0
32	High-risk bio-waste processing by alkaline hydrolysis and isolation of amino acids. Tehnicki Vjesnik, 2016, 23, .	0.2	0
33	Anaerobic digestion of specific biodegradable waste and final disposal. Tehnicki Vjesnik, 2016, 23, .	0.2	0
34	Mineral composition of corn plant material after fertilization with fermented meat-bone meal. Cereal Research Communications, 2007, 35, 669-672.	1.6	0
35	Sensory evaluation of hemp and pea proteins enriched pasta. Glasilo Future, 2019, 2, 23-43.	0.0	0
36	Tehnologija dorade i skladištenja maka. Glasilo Future, 2020, 3, 1-12.	0.0	0

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37	Species Arar (<i>Phoenicea juniperus</i> L.) as a biomass source – A case study. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 6009-6020.	2.3	0