

Marcin Bajcar

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

245
citations

1163117

8
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochar as a Multifunctional Component of the Environment – A Review. Applied Sciences (Switzerland), 2019, 9, 1139.	2.5	72
2	Biochar and Biomass Ash as a Soil Ameliorant: The Effect on Selected Soil Properties and Yield of Giant Miscanthus (<i>Miscanthus x giganteus</i>). Energies, 2018, 11, 2535.	3.1	43
3	Relationship between Torrefaction Parameters and Physicochemical Properties of Torrefied Products Obtained from Selected Plant Biomass. Energies, 2018, 11, 2919.	3.1	22
4	Comparison of the Effectiveness of Water-Based Extraction of Substances from Dry Tea Leaves with the Use of Magnetic Field Assisted Extraction Techniques. Molecules, 2017, 22, 1656.	3.8	16
5	Method for Prolonging the Shelf Life of Apples after Storage. Applied Sciences (Switzerland), 2022, 12, 3975.	2.5	16
6	Biosorption of cadmium(II), lead(II) and cobalt(II) from aqueous solution by biochar from cones of larch (<i>Larix decidua</i> Mill. subsp. <i>decidua</i>) and spruce (<i>Picea abies</i> L. H. Karst). Environmental Earth Sciences, 2017, 76, 1.	2.7	13
7	Biochar as a Stimulator for Germination Capacity in Seeds of Virginia Mallow (<i>Sida hermaphrodita</i> (L.)) Tj ETQq1 1 0,784314 rgBT /Ov	2.5	11
8	Effect of Magnetic and Electrical Fields on Yield, Shelf Life and Quality of Fruits. Applied Sciences (Switzerland), 2022, 12, 3183.	2.5	11
9	Magnetic Field Extraction Techniques in Preparing High-Quality Tea Infusions. Applied Sciences (Switzerland), 2018, 8, 1876.	2.5	8
10	Effect of the Pyrolysis Process Applied to Waste Branches Biomass from Fruit Trees on the Calorific Value of the Biochar and Dust Explosivity. Energies, 2021, 14, 4898.	3.1	8
11	Analysis of the Effect of the Biomass Torrefaction Process on Selected Parameters of Dust Explosivity. Molecules, 2020, 25, 3525.	3.8	4
12	ACCUMULATION OF CADMIUM, LEAD AND MERCURY IN SEEDLINGS OF SELECTED SUGAR BEET VARIETIES AS A RESULT OF SIMULATED SOIL CONTAMINATION. Journal of Microbiology, Biotechnology and Food Sciences, 2016, 5, 351-354.	0.8	4
13	The Use of Wood Pellets in the Production of High Quality Biocarbon Materials. Materials, 2022, 15, 4404.	2.9	4
14	Biochar and Ash Fertilization Alter the Chemical Properties of Basket Willow (<i>Salix viminalis</i> L.) and Giant Miscanthus (<i>Miscanthus x giganteus</i>). Agronomy, 2020, 10, 660.	3.0	3
15	Near-Null Geomagnetic Field as an Innovative Method of Fruit Storage. Processes, 2020, 8, 262.	2.8	3
16	Preliminary Research on the Influence of a Pulsed Magnetic Field on the Cationic Profile of Sunflower, Cress, and Radish Sprouts and on Their Germination Rate. Applied Sciences (Switzerland), 2021, 11, 9678.	2.5	3
17	Effects of fertiliser use and pre-sowing seed stimulation with a magnetic field on the mineral content and yield of three varieties of sugar beet roots. Journal of Elementology, 2017, , .	0.2	1
18	Assessment of the nutritional value of high quality fruit infusions based on the content of bioelements and toxic metals. Journal of Elementology, 2018, , .	0.2	1

#	ARTICLE	IF	CITATIONS
19	Effect of infusion time and addition of lemon juice on the mobility of selected macroelements and aluminium during aqueous extraction of quality brands of leaf tea. Journal of Elementology, 2018, , .	0.2	1
20	Study of nutritional value of dried tea leaves and infusions of black, green and white teas from Chinese plantations. Roczniki Panstwowego Zakladu Higieny, 2017, 68, 237-245.	0.7	1