AleÅ¡ HÃ¡z

List of Publications by Year
in descending order

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33 papers	494 citations	759233 12 h-index	713466 21 g-index
33 all docs	33 docs citations	33 times ranked	760 citing authors

#	Article	IF	Citations
1	Methods of chemical analysis applied to the wood fire investigation: a review. Holzforschung, 2022, 76, 305-320.	1.9	2
2	Screen-printed conductive carbon layers for dye-sensitized solar cells and electrochemical detection of dopamine. Chemical Papers, 2021, 75, 3817-3829.	2.2	10
3	Effect of sea buckthorn biomass on oxidation stability and sensory attractiveness of cereal biscuits. BioResources, 2021, 16, 5097-5105.	1.0	4
4	The Evaluation of Torrefied Wood Using a Cone Calorimeter. Polymers, 2021, 13, 1748.	4.5	8
5	Total content of polyphenols, flavonoids, rutin, and antioxidant activity of sea buckthorn juice. BioResources, 2021, 16, 4743-4751.	1.0	3
6	Green solvents, plant metabolites, and COVID-19: Challenges and perspectives. BioResources, 2021, 16, 4667-4670.	1.0	1
7	Recycling of Wastes Plastics and Tires from Automotive Industry. Polymers, 2021, 13, 2210.	4.5	14
8	Valorization of birch bark using a low transition temperature mixture composed of choline chloride and lactic acid. Green Processing and Synthesis, 2021, 10, 902-911.	3.4	1
9	Modeling of Odor from a Particleboard Production Plant. Journal of Wood Chemistry and Technology, 2020, 40, 116-125.	1.7	1
10	Valorization of Pine Needles by Thermal Conversion to Solid, Liquid and Gaseous Fuels in a Screw Reactor. Waste and Biomass Valorization, 2019, 10, 3587-3599.	3.4	10
11	Chemical Composition and Thermal Behavior of Kraft Lignins. Forests, 2019, 10, 483.	2.1	38
12	Assessing the opportunities for applying deep eutectic solvents for fractionation of beech wood and wheat straw. Cellulose, 2019, 26, 7675-7684.	4.9	36
13	Screen-printed PEDOT:PSS/halloysite counter electrodes for dye-sensitized solar cells. Synthetic Metals, 2019, 256, 116148.	3.9	7
14	Determination of the Thermal Oxidation Stability and the Kinetic Parameters of Commercial Extra Virgin Olive Oils from Different Varieties. Journal of Chemistry, 2019, 2019, 1-8.	1.9	14
15	Spruce Barkâ€"A Source of Polyphenolic Compounds: Optimizing the Operating Conditions of Supercritical Carbon Dioxide Extraction. Molecules, 2019, 24, 4049.	3.8	13
16	Study of the degradation of beeswax taken from a real artefact. Journal of Cultural Heritage, 2019, 37, 103-112.	3.3	10
17	Antioxidant activity and the tocopherol and phenol contents of grape residues. BioResources, 2019, 14, 4146-4156.	1.0	10
18	Pharmacokinetic properties of biomass-extracted substances isolated by green solvents. BioResources, 2019, 14, 6294-6303.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Long-term Isothermal Stability of Deep Eutectic Solvents. BioResources, 2018, 13, .	1.0	22
20	Microwave-assisted Extraction of Spruce Bark: Statistical Optimization Using Box-Behnken Design. BioResources, 2018, 13, .	1.0	0
21	Antibacterial and antifungal activity of phytosterols and methyl dehydroabietate of Norway spruce bark extracts. Journal of Biotechnology, 2018, 282, 18-24.	3.8	59
22	Influence of deodorization temperature on formation of tocopherol esters and fatty acids polymers in vegetable oil. European Journal of Lipid Science and Technology, 2017, 119, 1600027.	1.5	13
23	Valorisation of softwood bark through extraction of utilizable chemicals. A review. Biotechnology Advances, 2017, 35, 726-750.	11.7	53
24	Bioresource of Antioxidant and Potential Medicinal Compounds from Waste Biomass of Spruce. ACS Sustainable Chemistry and Engineering, 2017, 5, 8161-8170.	6.7	25
25	Composition of fatty acids and tocopherols in peels, seeds and leaves of Sea buckthorn. Acta Chimica Slovaca, 2017, 10, 29-34.	0.8	17
26	Yield of Polyphenolic Substances Extracted From Spruce (Picea abies) Bark by Microwave-Assisted Extraction. BioResources, 2016, 11, .	1.0	9
27	Comparison of Different Methods for Extraction from Lavender: Yield and Chemical Composition. Key Engineering Materials, 2016, 688, 31-37.	0.4	2
28	Stability of the Lignins and their Potential in Production of Bioplastics. Key Engineering Materials, 2016, 688, 25-30.	0.4	2
29	Conversion of rapeseed oil via catalytic cracking: Effect of the ZSM-5 catalyst on the deoxygenation process. Fuel Processing Technology, 2015, 134, 223-230.	7.2	49
30	Use of ZSM-5 catalyst in deoxygenation of waste cooking oil. Chemical Papers, 2015, 69, .	2.2	9
31	Characterization of Non-wood Lignin Precipitated with Sulphuric Acid of Various Concentrations. BioResources, 2014, 10, .	1.0	25
32	Evaluation of the phytomass source for composite preparation. Journal of Applied Polymer Science, 2013, 127, 508-515.	2.6	1
33	Deep Eutectic Solvents as Medium for Pretreatment of Biomass. Key Engineering Materials, 0, 688, 17-24.	0.4	13