

AleÅ; HÃ;z

List of Publications by Year in descending order

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33
papers

494
citations

759233

12
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all docs

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docs citations

33
times ranked

760
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial and antifungal activity of phytosterols and methyl dehydroabietate of Norway spruce bark extracts. <i>Journal of Biotechnology</i> , 2018, 282, 18-24.	3.8	59
2	Valorisation of softwood bark through extraction of utilizable chemicals. A review. <i>Biotechnology Advances</i> , 2017, 35, 726-750.	11.7	53
3	Conversion of rapeseed oil via catalytic cracking: Effect of the ZSM-5 catalyst on the deoxygenation process. <i>Fuel Processing Technology</i> , 2015, 134, 223-230.	7.2	49
4	Chemical Composition and Thermal Behavior of Kraft Lignins. <i>Forests</i> , 2019, 10, 483.	2.1	38
5	Assessing the opportunities for applying deep eutectic solvents for fractionation of beech wood and wheat straw. <i>Cellulose</i> , 2019, 26, 7675-7684.	4.9	36
6	Characterization of Non-wood Lignin Precipitated with Sulphuric Acid of Various Concentrations. <i>BioResources</i> , 2014, 10, .	1.0	25
7	Bioresource of Antioxidant and Potential Medicinal Compounds from Waste Biomass of Spruce. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8161-8170.	6.7	25
8	Long-term Isothermal Stability of Deep Eutectic Solvents. <i>BioResources</i> , 2018, 13, .	1.0	22
9	Composition of fatty acids and tocopherols in peels, seeds and leaves of Sea buckthorn. <i>Acta Chimica Slovaca</i> , 2017, 10, 29-34.	0.8	17
10	Determination of the Thermal Oxidation Stability and the Kinetic Parameters of Commercial Extra Virgin Olive Oils from Different Varieties. <i>Journal of Chemistry</i> , 2019, 2019, 1-8.	1.9	14
11	Recycling of Wastes Plastics and Tires from Automotive Industry. <i>Polymers</i> , 2021, 13, 2210.	4.5	14
12	Deep Eutectic Solvents as Medium for Pretreatment of Biomass. <i>Key Engineering Materials</i> , 0, 688, 17-24.	0.4	13
13	Influence of deodorization temperature on formation of tocopherol esters and fatty acids polymers in vegetable oil. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1600027.	1.5	13
14	Spruce Barkâ€”A Source of Polyphenolic Compounds: Optimizing the Operating Conditions of Supercritical Carbon Dioxide Extraction. <i>Molecules</i> , 2019, 24, 4049.	3.8	13
15	Pharmacokinetic properties of biomass-extracted substances isolated by green solvents. <i>BioResources</i> , 2019, 14, 6294-6303.	1.0	13
16	Valorization of Pine Needles by Thermal Conversion to Solid, Liquid and Gaseous Fuels in a Screw Reactor. <i>Waste and Biomass Valorization</i> , 2019, 10, 3587-3599.	3.4	10
17	Study of the degradation of beeswax taken from a real artefact. <i>Journal of Cultural Heritage</i> , 2019, 37, 103-112.	3.3	10
18	Screen-printed conductive carbon layers for dye-sensitized solar cells and electrochemical detection of dopamine. <i>Chemical Papers</i> , 2021, 75, 3817-3829.	2.2	10

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19	Antioxidant activity and the tocopherol and phenol contents of grape residues. <i>BioResources</i> , 2019, 14, 4146-4156.	1.0	10
20	Use of ZSM-5 catalyst in deoxygenation of waste cooking oil. <i>Chemical Papers</i> , 2015, 69, .	2.2	9
21	Yield of Polyphenolic Substances Extracted From Spruce (<i>Picea abies</i>) Bark by Microwave-Assisted Extraction. <i>BioResources</i> , 2016, 11, .	1.0	9
22	The Evaluation of Torrefied Wood Using a Cone Calorimeter. <i>Polymers</i> , 2021, 13, 1748.	4.5	8
23	Screen-printed PEDOT:PSS/halloysite counter electrodes for dye-sensitized solar cells. <i>Synthetic Metals</i> , 2019, 256, 116148.	3.9	7
24	Effect of sea buckthorn biomass on oxidation stability and sensory attractiveness of cereal biscuits. <i>BioResources</i> , 2021, 16, 5097-5105.	1.0	4
25	Total content of polyphenols, flavonoids, rutin, and antioxidant activity of sea buckthorn juice. <i>BioResources</i> , 2021, 16, 4743-4751.	1.0	3
26	Comparison of Different Methods for Extraction from Lavender: Yield and Chemical Composition. <i>Key Engineering Materials</i> , 2016, 688, 31-37.	0.4	2
27	Stability of the Lignins and their Potential in Production of Bioplastics. <i>Key Engineering Materials</i> , 2016, 688, 25-30.	0.4	2
28	Methods of chemical analysis applied to the wood fire investigation: a review. <i>Holzforschung</i> , 2022, 76, 305-320.	1.9	2
29	Evaluation of the phytomass source for composite preparation. <i>Journal of Applied Polymer Science</i> , 2013, 127, 508-515.	2.6	1
30	Modeling of Odor from a Particleboard Production Plant. <i>Journal of Wood Chemistry and Technology</i> , 2020, 40, 116-125.	1.7	1
31	Green solvents, plant metabolites, and COVID-19: Challenges and perspectives. <i>BioResources</i> , 2021, 16, 4667-4670.	1.0	1
32	Valorization of birch bark using a low transition temperature mixture composed of choline chloride and lactic acid. <i>Green Processing and Synthesis</i> , 2021, 10, 902-911.	3.4	1
33	Microwave-assisted Extraction of Spruce Bark: Statistical Optimization Using Box-Behnken Design. <i>BioResources</i> , 2018, 13, .	1.0	0