

Maris Lauberts

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Advantages of MW-assisted water extraction, combined with steam explosion, of black alder bark in terms of isolating valuable compounds and energy efficiency. <i>Industrial Crops and Products</i> , 2022, 181, 114832.	2.5	10
2	Mild Organosolv Delignification of Residual Aspen Bark after Extractives Isolation as a Step in Biorefinery Processing Schemes. <i>Molecules</i> , 2022, 27, 3185.	1.7	8
3	Microwave-Assisted Water Extraction of Aspen (<i>Populus tremula</i>) and Pine (<i>Pinus sylvestris</i> L.) Barks as a Tool for Their Valorization. <i>Plants</i> , 2022, 11, 1544.	1.6	4
4	Antioxidant Activity of Different Extracts from Black Alder (<i>Alnus glutinosa</i>) Bark with Greener Extraction Alternative. <i>Plants</i> , 2021, 10, 2531.	1.6	12
5	Composition of extracts isolated from black alder bark by microwave assisted water extraction. , 2020, , .		5
6	Solvent fractionation of softwood and hardwood kraft lignins for more efficient uses: Compositional, structural, thermal, antioxidant and adsorption properties. <i>Industrial Crops and Products</i> , 2019, 129, 123-134.	2.5	116
7	Structural transformations of wood and cereal biomass components induced by microwave assisted torrefaction with emphasis on extractable value chemicals obtaining. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 134, 1-11.	2.6	14
8	Membrane filtration of kraft lignin: Structural characteristics and antioxidant activity of the low-molecular-weight fraction. <i>Industrial Crops and Products</i> , 2018, 112, 200-209.	2.5	60
9	Diarylheptanoid-rich extract of grey and black alder barks: an effective dietary antioxidant in mayonnaise. <i>Chemical Papers</i> , 2017, 71, 1007-1012.	1.0	6
10	Fractionation of technical lignin with ionic liquids as a method for improving purity and antioxidant activity. <i>Industrial Crops and Products</i> , 2017, 95, 512-520.	2.5	41
11	Antioxidant activity of various lignins and lignin-related phenylpropanoid units with high and low molecular weight. <i>Holzforschung</i> , 2015, 69, 795-805.	0.9	51
12	Analytical pyrolysis – A tool for revealing of lignin structure-antioxidant activity relationship. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 113, 360-369.	2.6	65
13	Characterization of Softwood and Hardwood LignoBoost Kraft Lignins with Emphasis on their Antioxidant Activity. <i>BioResources</i> , 2014, 9, .	0.5	61
14	Fractionation of technical lignins as a tool for improvement of their antioxidant properties. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 103, 78-85.	2.6	100
15	Role of paramagnetic polyconjugated clusters in lignin antioxidant activity (in vitro). <i>IOP Conference Series: Materials Science and Engineering</i> , 2012, 38, 012033.	0.3	5
16	DEVELOPMENT OF THE APPROACHES FOR COMPLEX UTILIZATION OF BROWN ALGAE (<i>FUCUS VESICULOSUS</i>) BIOMASS FOR THE OBTAINING OF VALUE-ADDED PRODUCTS. , 0, , .		2
17	EFFECTS OF CONTENTS AND COMPONENT COMPOSITION OF ASH AND ORGANIC CONSTITUENTS ON FUEL CHARACTERISTICS OF SOFTWOOD AND WHEAT STRAW HYDROLYTIC PROCESSING RESIDUES. , 0, , .		1
18	Influence of Solvents on the Antioxidant Properties of the Birch Outer Bark Extract in Cosmetic Emulsions. <i>Key Engineering Materials</i> , 0, 903, 28-33.	0.4	3