

Ivana Radojic Redovnikovic

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

2,731
citations

22
h-index

51
g-index

51
ext. papers

3,396
ext. citations

4.7
avg, IF

5.52
L-index

#	Paper	IF	Citations
49	Low Temperatures Affect the Physiological Status and Phytochemical Content of Flat Leaf Kale (var.) Sprouts.. <i>Foods</i> , 2022 , 11,	4.9	2
48	Enhancement of the Green Extraction of Bioactive Molecules from <i>Olea europaea</i> Leaves. <i>Separations</i> , 2022 , 9, 33	3.1	0
47	Application of Optimization and Modeling for the Composting Process Enhancement. <i>Processes</i> , 2022 , 10, 229	2.9	0
46	Low-Phytotoxic Deep Eutectic Systems as Alternative Extraction Media for the Recovery of Chitin from Brown Crab Shells. <i>ACS Omega</i> , 2021 , 6, 28729-28741	3.9	3
45	The analysis of acidic and basic non-steroidal anti-inflammatory drugs in milk and muscle samples: a comprehensive analytical approach using UHPLC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021 , 1-16	3.2	1
44	Chilling and Freezing Temperature Stress Differently Influence Glucosinolates Content in var.. <i>Plants</i> , 2021 , 10,	4.5	6
43	Designing a biocatalytic process involving deep eutectic solvents. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 14-30	3.5	15
42	Development of environmentally friendly lipase-catalysed kinetic resolution of (R,S)-1-phenylethyl acetate using aqueous natural deep eutectic solvents. <i>Process Biochemistry</i> , 2021 , 102, 1-9	4.8	3
41	Natural deep eutectic solvent as a unique solvent for valorisation of orange peel waste by the integrated biorefinery approach. <i>Waste Management</i> , 2021 , 120, 340-350	8.6	13
40	COSMOtherm as an Effective Tool for Selection of Deep Eutectic Solvents Based Ready-To-Use Extracts from Građvina Grape Pomace. <i>Molecules</i> , 2021 , 26,	4.8	3
39	Deep eutectic systems from betaine and polyols [Physicochemical and toxicological properties. <i>Journal of Molecular Liquids</i> , 2021 , 335, 116201	6	11
38	Development, Optimization, and Comparison of Different Sample Pre-Treatments for Simultaneous Determination of Vitamin E and Vitamin K in Vegetables. <i>Molecules</i> , 2020 , 25,	4.8	3
37	Development of continuously operated aqueous two-phase microextraction process using natural deep eutectic solvents. <i>Separation and Purification Technology</i> , 2020 , 244, 116746	8.3	11
36	Natural deep eutectic solvents are viable solvents for plant cell culture-assisted stereoselective biocatalysis. <i>Process Biochemistry</i> , 2020 , 93, 69-76	4.8	1
35	Biological activity and sensory evaluation of cocoa by-products NADES extracts used in food fortification. <i>Innovative Food Science and Emerging Technologies</i> , 2020 , 66, 102514	6.8	7
34	Deep Eutectic Solvents and Nonconventional Technologies for Blueberry-Peel Extraction: Kinetics, Anthocyanin Stability, and Antiproliferative Activity. <i>Antioxidants</i> , 2020 , 9,	7.1	23
33	Impact of Deep Eutectic Solvents on Extraction of Polyphenols from Grape Seeds and Skin. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4830	2.6	4

32	Hempseed protein hydrolysates' effects on the proliferation and induced oxidative stress in normal and cancer cell lines. <i>Molecular Biology Reports</i> , 2019 , 46, 6079-6085	2.8	17
31	Enabling technologies for the extraction of grape-pomace anthocyanins using natural deep eutectic solvents in up-to-half-litre batches extraction of grape-pomace anthocyanins using NADES. <i>Food Chemistry</i> , 2019 , 300, 125185	8.5	71
30	Physicochemical Properties, Cytotoxicity, and Antioxidative Activity of Natural Deep Eutectic Solvents Containing Organic Acid. <i>Chemical and Biochemical Engineering Quarterly</i> , 2019 , 33, 1-18	1.8	28
29	Ready-to-use green polyphenolic extracts from food by-products. <i>Food Chemistry</i> , 2019 , 283, 628-636	8.5	47
28	Green asymmetric reduction of acetophenone derivatives: <i>Saccharomyces cerevisiae</i> and aqueous natural deep eutectic solvent. <i>Biotechnology Letters</i> , 2019 , 41, 253-262	3	10
27	Plant-mediated stereoselective biotransformations in natural deep eutectic solvents. <i>Process Biochemistry</i> , 2018 , 66, 133-139	4.8	20
26	Antimicrobial, cytotoxic and antioxidative evaluation of natural deep eutectic solvents. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 14188-14196	5.1	70
25	New perspective in extraction of plant biologically active compounds by green solvents. <i>Food and Bioproducts Processing</i> , 2018 , 109, 52-73	4.9	173
24	Voš i površ kao biokatalizatori za dobivanje kiralnih spojeva. <i>Hrvatski časopis Za Prehrambenu Tehnologiju Biotehnologiju I Nutricionizam</i> , 2018 , 13, 70-77	0.2	
23	Comparative analysis of phytochemicals and activity of endogenous enzymes associated with their stability, bioavailability and food quality in five Brassicaceae sprouts. <i>Food Chemistry</i> , 2018 , 269, 96-102	8.5	31
22	Assessment of glucosinolates, antioxidative and antiproliferative activity of broccoli and collard extracts. <i>Journal of Food Composition and Analysis</i> , 2017 , 61, 59-66	4.1	31
21	Plant-mediated asymmetric reduction of 1-(3,4-dimethylphenyl)ethanone. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 730-733		15
20	Natural deep eutectic solvents and ultrasound-assisted extraction: Green approaches for extraction of wine lees anthocyanins. <i>Food and Bioproducts Processing</i> , 2017 , 102, 195-203	4.9	172
19	Toxicity mechanisms of ionic liquids. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2017 , 68, 171-179	1.7	49
18	Phytochemical and Bioactive Potential of in vivo and in vitro Grown Plants of <i>Centaurea ragusina</i> L. - Detection of DNA/RNA Active Compounds in Plant Extracts via Thermal Denaturation and Circular Dichroism. <i>Phytochemical Analysis</i> , 2017 , 28, 584-592	3.4	7
17	Poplar response to cadmium and lead soil contamination. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 144, 482-489	7	53
16	Extraction of Proanthocyanidins and Anthocyanins from Grape Skin by Using Ionic Liquids. <i>Food Technology and Biotechnology</i> , 2017 , 55, 429-437	2.1	20
15	Natural deep eutectic solvents as beneficial extractants for enhancement of plant extracts bioactivity. <i>LWT - Food Science and Technology</i> , 2016 , 73, 45-51	5.4	164

14	Green extraction of grape skin phenolics by using deep eutectic solvents. <i>Food Chemistry</i> , 2016 , 200, 159-66	8.5	271
13	Comparative in vitro study of cholinium-based ionic liquids and deep eutectic solvents toward fish cell line. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 131, 30-6	7	38
12	Polyphenols, methylxanthines, and antioxidant capacity of chocolates produced in Serbia. <i>Journal of Food Composition and Analysis</i> , 2015 , 41, 137-143	4.1	60
11	Baker's yeast-mediated asymmetric reduction of ethyl 3-oxobutanoate in deep eutectic solvents. <i>Process Biochemistry</i> , 2015 , 50, 1788-1792	4.8	43
10	Evaluation of toxicity and biodegradability of choline chloride based deep eutectic solvents. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 112, 46-53	7	333
9	Green solvents for green technologies. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 1631-1639	3.5	203
8	Adaptive response of poplar (<i>Populus nigra</i> L.) after prolonged Cd exposure period. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 3792-802	5.1	20
7	A brief overview of the potential environmental hazards of ionic liquids. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 99, 1-12	7	435
6	Imidazolium based ionic liquids: effects of different anions and alkyl chains lengths on the barley seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 101, 116-23	7	109
5	Balance of glucosinolates content under Cd stress in two Brassica species. <i>Plant Physiology and Biochemistry</i> , 2013 , 63, 99-106	5.4	19
4	Expression pattern of the glucosinolate side chain biosynthetic genes MAM1 and MAM3 of <i>Arabidopsis thaliana</i> in different organs and developmental stages. <i>Plant Physiology and Biochemistry</i> , 2012 , 53, 77-83	5.4	19
3	Optimisation of microwave-assisted extraction of phenolic compounds from broccoli and its antioxidant activity. <i>International Journal of Food Science and Technology</i> , 2012 , 47, 2613-2619	3.8	34
2	Influence of potassium fertilisation on the levels of phenolic compounds in sweet potato (<i>Ipomoea batatas</i> L.) leaves. <i>Journal of Horticultural Science and Biotechnology</i> , 2012 , 87, 47-51	1.9	3
1	Changes of phenolic compounds and antioxidant capacity in cocoa beans processing. <i>International Journal of Food Science and Technology</i> , 2011 , 46, 1793-1800	3.8	57