

Mirjana Antov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3429914/publications.pdf>

Version: 2024-02-01

65
papers

1,112
citations

516710

16
h-index

434195

31
g-index

65
all docs

65
docs citations

65
times ranked

1423
citing authors

#	ARTICLE	IF	CITATIONS
1	Pectin from butternut squash (<i>Cucurbita moschata</i>) – The effect of enzyme-assisted extractions on fiber characteristics and properties. <i>Food Hydrocolloids</i> , 2022, 123, 107201.	10.7	12
2	The effect of enzymatic pretreatment of chickpea on functional properties and antioxidant activity of alkaline protein isolate. <i>Food Chemistry</i> , 2022, 374, 131809.	8.2	14
3	The influence of enzymatic pretreatment of chickpea on properties of protein nanoparticles prepared by heat treatment. <i>LWT - Food Science and Technology</i> , 2022, 163, 113545.	5.2	5
4	Advance diversity of enzymatically modified arabinoxylan from wheat chaff. <i>Food Chemistry</i> , 2021, 339, 128093.	8.2	11
5	Water turbidity removal by faba bean (<i>Vicia faba</i>) in relation to composition of aqueous extract of seed. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2847-2854.	3.5	1
6	Evaluation of mesoporous silica and Nb-doped titanate as molecule carriers through adsorption/desorption study. <i>Particulate Science and Technology</i> , 2020, 38, 626-635.	2.1	0
7	Improved recovery of protein from soy grit by enzyme-assisted alkaline extraction. <i>Journal of Food Engineering</i> , 2020, 276, 109894.	5.2	40
8	Complex coacervation of acid-extracted fiber from butternut squash (<i>Cucurbita moschata</i>) and protein. <i>Food Hydrocolloids</i> , 2020, 108, 105999.	10.7	10
9	The purification of natural coagulant extracted from common bean on IRA 958 Cl anion exchange resin. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 1643-1655.	0.8	0
10	Common oak (<i>Quercus robur</i>) acorn as a source of natural coagulants for water turbidity removal. <i>Industrial Crops and Products</i> , 2018, 117, 340-346.	5.2	42
11	The influence of hydrothermal extraction conditions on recovery and properties of hemicellulose from wheat chaff – A modeling approach. <i>Biomass and Bioenergy</i> , 2018, 119, 246-252.	5.7	9
12	The effect of beta-glucosidase supplementation on enzymatic hydrolysis of cellulose in hydrothermally pretreated sugar beet shreds. <i>Acta Periodica Technologica</i> , 2018, , 1-9.	0.2	0
13	Environmental-friendly technologies for the production of antioxidant xylooligosaccharides from wheat chaff. <i>Food Chemistry</i> , 2017, 235, 175-180.	8.2	32
14	Ultrasound assisted extraction in aqueous two-phase system for the integrated extraction and separation of antioxidants from wheat chaff. <i>Separation and Purification Technology</i> , 2017, 182, 52-58.	7.9	47
15	The impact of ultrasound pretreatment on the enzymatic hydrolysis of cellulose from sugar beet shreds: Modeling of the experimental results. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1164-1172.	2.3	23
16	Validation and implementation of the Investigator® 24plex QS kit for forensic casework. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e77-e79.	0.3	4
17	Mutation rate at 13 rapidly mutating Y-STR loci in the population of Serbia. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e377-e379.	0.3	5
18	Rapidly mutating Y-STRs population data in the population of Serbia and haplotype probability assessment for forensic purposes. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e383-e384.	0.3	3

#	ARTICLE	IF	CITATIONS
19	DNA analysis from human skeletal remains in forensic casework. Forensic Science International: Genetics Supplement Series, 2017, 6, e342-e345.	0.3	6
20	Genetic characterization of 27 Y-STR loci with the Yfiler Â® Plus kit in the population of Serbia. Forensic Science International: Genetics, 2017, 31, e48-e49.	3.1	13
21	Covalent Immobilization of Enzymes on EupergitÂ® Supports: Effect of the Immobilization Protocol. Methods in Molecular Biology, 2017, 1504, 75-91.	0.9	3
22	Wheat chaff utilization: Evaluation of antioxidant capacity of waste streams generated by different pretreatments. Industrial Crops and Products, 2016, 94, 649-657.	5.2	9
23	Population data of the AmpFISTR Â® NGMÂ„¢ loci in the population of Vojvodina Province, Serbia. Forensic Science International: Genetics, 2016, 23, e12-e13.	3.1	5
24	Single step recovery of lipase from <i>Penicillium cyclopium</i> by aqueous two-phase extraction. Separation Science and Technology, 2016, 51, 622-628.	2.5	2
25	Development of an Environmentally Acceptable Detergent Formulation for Fatty Soils Based on the Lipase from the Indigenous Extremophile <i>Pseudomonas aeruginosa</i> Strain. Journal of Surfactants and Detergents, 2015, 18, 383-395.	2.1	8
26	Treatment of sugar beet extraction juice stillage by natural coagulants extracted from common bean. Acta Periodica Technologica, 2015, , 77-89.	0.2	3
27	Immobilization of Î²-glucosidase onto mesoporous silica support: Physical adsorption and covalent binding of enzyme. Journal of the Serbian Chemical Society, 2014, 79, 533-543.	0.8	8
28	Adsorption of cellulases onto sugar beet shreds and modeling of the experimental data. Acta Periodica Technologica, 2014, , 119-128.	0.2	0
29	Evaluation of possibility of textile dye removal from wastewater by aqueous two-phase extraction. Desalination and Water Treatment, 2013, 51, 1603-1608.	1.0	10
30	Synthesis of Aliphatic Esters of Cinnamic Acid as Potential Lipophilic Antioxidants Catalyzed by Lipase B from <i>Candida antarctica</i> . Applied Biochemistry and Biotechnology, 2013, 170, 1560-1573.	2.9	47
31	Possibility of improvement of boiler water treatment processâ€”ion exchange vs. reverse osmosis. Desalination and Water Treatment, 2013, 51, 518-524.	1.0	2
32	The fractionation of natural coagulant extracted from common bean by use of ultrafiltration membranes. Desalination and Water Treatment, 2013, 51, 442-447.	1.0	8
33	Application of membrane and natural coagulants for stillage purification. Desalination and Water Treatment, 2013, 51, 437-441.	1.0	4
34	Enzymatic hydrolysis of pretreated sugar beet shreds: Statistical modeling of the experimental results. Biomass and Bioenergy, 2012, 47, 387-394.	5.7	12
35	Evaluation of the efficiency of natural coagulant obtained by ultrafiltration of common bean seed extract in water turbidity removal. Ecological Engineering, 2012, 49, 48-52.	3.6	57
36	Partitioning of cellulolytic activity in the polyethylene glycol/dextran two-phase systems. Acta Periodica Technologica, 2012, , 151-158.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Study of the biosorption of different heavy metal ions onto Kraft lignin. <i>Ecological Engineering</i> , 2011, 37, 2092-2095.	3.6	98
38	The Immobilization of Enzyme on Eupergit® Supports by Covalent Attachment. <i>Methods in Molecular Biology</i> , 2011, 679, 99-111.	0.9	9
39	Analysis of pretreatments of sugar beet shreds for bioethanol production in respect of cellulose hydrolysis and waste flows. <i>Acta Periodica Technologica</i> , 2011, , 223-230.	0.2	1
40	The investigation of coagulation activity of natural coagulants extracted from different strains of common bean. <i>Acta Periodica Technologica</i> , 2010, , 141-147.	0.2	9
41	Sequence polymorphism of the mitochondrial DNA control region in the population of Vojvodina Province, Serbia. <i>Legal Medicine</i> , 2010, 12, 104-107.	1.3	11
42	Proteins from common bean (<i>Phaseolus vulgaris</i>) seed as a natural coagulant for potential application in water turbidity removal. <i>Bioresource Technology</i> , 2010, 101, 2167-2172.	9.6	88
43	Antioxidative activity of red wine with the increased share of phenolic compounds from solid parts of grape. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2010, 16, 65-71.	0.7	17
44	Immobilization of lipase into mesoporous silica particles by physical adsorption. <i>Biocatalysis and Biotransformation</i> , 2009, 27, 254-262.	2.0	14
45	Pectinase partitioning in polyethylene glycol 1000/Na ₂ SO ₄ aqueous two-phase system: statistical modeling of the experimental results. <i>Bioprocess and Biosystems Engineering</i> , 2009, 32, 235-240.	3.4	12
46	Removal of water turbidity by natural coagulants obtained from chestnut and acorn. <i>Bioresource Technology</i> , 2009, 100, 6639-6643.	9.6	144
47	Camomile autofermentation in polyethylene glycol/dextran two-phase system. <i>Acta Periodica Technologica</i> , 2008, , 133-138.	0.2	1
48	The influence of molecular weight of polyethylene glycol on separation and purification of pectinases from <i>Penicillium cyclopium</i> in aqueous two-phase system. <i>Acta Periodica Technologica</i> , 2008, , 193-199.	0.2	2
49	The influence of changes in gluten complex structure on technological quality of wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Overl	6.2	59
50	Investigation of isolation conditions and ion-exchange purification of protein coagulation components from common bean seed. <i>Acta Periodica Technologica</i> , 2007, , 3-10.	0.2	5
51	Affinity partitioning of a <i>Cellulomonas fimi</i> β -mannanase with a mannan-binding module in galactomannan/starch aqueous two-phase system. <i>Journal of Chromatography A</i> , 2006, 1123, 53-59.	3.7	17
52	Aqueous two-phase partitioning of xylanase produced by solid-state cultivation of <i>Polyporus squamosus</i> . <i>Process Biochemistry</i> , 2006, 41, 232-235.	3.7	43
53	Extraction and partial purification of coagulation active components from common bean seed. <i>Acta Periodica Technologica</i> , 2006, , 37-43.	0.2	10
54	Bioseparations in aqueous two-phase systems. <i>Acta Periodica Technologica</i> , 2005, , 145-154.	0.2	2

#	ARTICLE	IF	CITATIONS
55	Bioconversion of apigenin-7-O- β -glucoside in aqueous two-phase system. Acta Periodica Technologica, 2005, , 197-202.	0.2	1
56	Partitioning of pectinase produced by Polyporus squamosus in aqueous two-phase system polyethylene glycol 4000/crude dextran at different initial pH values. Carbohydrate Polymers, 2004, 56, 295-300.	10.2	18
57	The effect of sulphates on partitioning of pectinases in aqueous two-phase systems. Acta Periodica Technologica, 2004, , 179-186.	0.2	5
58	Pectinases partitioning in aqueous two-phase systems: An integration of the systems poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Society, 2004, 69, 299-307.	0.8	13
59	Title is missing!. World Journal of Microbiology and Biotechnology, 2003, 19, 151-156.	3.6	7
60	Cultivation of Polyporus squamosus for pectinase production in aqueous two-phase system containing sugar beet extraction waste. Journal of Biotechnology, 2001, 91, 83-87.	3.8	26
61	Production of pectinases by Polyporus squamosus in aqueous two-phase system. Enzyme and Microbial Technology, 2001, 28, 467-472.	3.2	22
62	Rapid method for detecting low basal activity of exo-pectinase of Polyporus squamosus. Biotechnology Letters, 1997, 11, 833-836.	0.5	5
63	Effect of inorganic phosphate on the secretion of pectinolytic enzymes by Aspergillus niger. Letters in Applied Microbiology, 1992, 14, 275-278.	2.2	5
64	Separation of the components of pectinolytic complex produced by Polyporus souamosus in submerged culture. Biotechnology Letters, 1992, 14, 127-130.	2.2	13
65	Sugar beet lignocellulose waste as biosorbents: surface functionality, equilibrium studies and artificial neural network modeling. International Journal of Environmental Science and Technology, 0, , 1.	3.5	0