Suzana Dimitrijevic-Brankovic

List of Publications by Year
in descending order

104 papers	4,366 citations	109321 35 h-index	110387 64 g-index
104 all docs	104 docs citations	104 times ranked	6995 citing authors

#	Article	IF	Citations
1	Recovery of bioactive molecules from Hypericum perforatum L. dust using microwave-assisted extraction. Biomass Conversion and Biorefinery, 2024, 14, 7111-7123.	4.6	3
2	From Agricultural Waste to Biofuel: Enzymatic Potential of a Bacterial Isolate Streptomyces fulvissimus CKS7 for Bioethanol Production. Waste and Biomass Valorization, 2021, 12, 165-174.	3.4	34
3	Valorization of unexploited artichoke leaves dust for obtaining of extracts rich in natural antioxidants. Separation and Purification Technology, 2021, 256, 117714.	7.9	4
4	Statistical optimization of bioethanol production from waste bread hydrolysate. Journal of the Serbian Chemical Society, 2021, 86, 651-662.	0.8	4
5	Utilization of agro-industrial by-products as substrates for dextransucrase production by Leuconostoc mesenteroides T3: Process optimization using response surface methodology. Hemijska Industrija, 2021, 75, 135-146.	0.7	0
6	Plant Extracts Rich in Polyphenols as Potent Modulators in the Growth of Probiotic and Pathogenic Intestinal Microorganisms. Frontiers in Nutrition, 2021, 8, 688843.	3.7	40
7	Valorization of corn stover and molasses for enzyme synthesis, lignocellulosic hydrolysis and bioethanol production by Hymenobacter sp. CKS3. Environmental Technology and Innovation, 2021, 23, 101627.	6.1	9
8	Dextran-Based Edible Coatings to Prolong the Shelf Life of Blueberries. Polymers, 2021, 13, 4252.	4.5	8
9	Prospect of Polysaccharide-Based Materials as Advanced Food Packaging. Molecules, 2020, 25, 135.	3.8	167
10	Enzymatic hydrolysis of waste bread by newly isolated Hymenobacter sp. CKS3: Statistical optimization and bioethanol production. Renewable Energy, 2020, 152, 627-633.	8.9	13
11	Biocontrol of economically significant diseases in order to increase the yield of pot marigold and valerian seeds and potato tubers. Selekcija I Semenarstvo, 2020, 26, 38-51.	0.4	2
12	Influence of different concentrations of Zn-carbonate phase on physical-chemical properties of antimicrobial agar composite films. Materials Letters, 2019, 255, 126572.	2.6	4
13	Tailoring the physico-chemical and antimicrobial properties of agar-based films by in situ formation of Cu-mineral phase. European Polymer Journal, 2019, 119, 352-358.	5.4	7
14	The production of cellulase from the waste tobacco residues remaining after polyphenols and nicotine extraction and bacterial pre-treatment. Journal of the Serbian Chemical Society, 2019, 84, 129-140.	0.8	7
15	The effect of bacterial isolates from rhizosphere soils on wheat and barley seed germination. Zemljiste I Biljka, 2019, 68, 1-11.	0.3	4
16	Biocontrol and plant stimulating potential of novel strain Bacillus sp. PPM3 isolated from marine sediment. Microbial Pathogenesis, 2018, 120, 71-78.	2.9	18
17	Valorization of damaged rice grains: Optimization of bioethanol production by waste brewerâ€™s yeast using an amylolytic potential from the Paenibacillus chitinolyticus CKS1. Fuel, 2018, 224, 591-599.	6.4	23
18	Bimetallic alginate nanocomposites: New antimicrobial biomaterials for biomedical application. Materials Letters, 2018, 212, 32-36.	2.6	17

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19	Customizing the spent coffee for Trichoderma reesei cellulase immobilization by modification with activating agents. International Journal of Biological Macromolecules, 2018, 107, 1856-1863.	7.5	8
20	Synthesis, characterization, and antimicrobial activity of silver nanoparticles on poly(GMAâ€•co) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	4.6	17
21	Synthesis and antimicrobial properties of Zn-mineralized alginate nanocomposites. Carbohydrate Polymers, 2017, 165, 313-321.	10.2	41
22	A treatment of wastewater containing basic dyes by the use of new strain Streptomyces microflavus CKS6. Journal of Cleaner Production, 2017, 148, 347-354.	9.3	29
23	Interaction of amino acid-functionalized silver nanoparticles and Candida albicans polymorphs: A deepâ€UV fluorescence imaging study. Colloids and Surfaces B: Biointerfaces, 2017, 155, 341-348.	5.0	11
24	Dextran coated silver nanoparticles â€" Chemical sensor for selective cysteine detection. Colloids and Surfaces B: Biointerfaces, 2017, 160, 184-191.	5.0	64
25	Mineralized agar-based nanocomposite films: Potential food packaging materials with antimicrobial properties. Carbohydrate Polymers, 2017, 175, 55-62.	10.2	59
26	Chitosan-triclosan films for potential use as bio-antimicrobial bags in healthcare sector. Materials Letters, 2017, 186, 368-371.	2.6	8
27	Design of pectin-sodium alginate based films for potential healthcare application: Study of chemico-physical interactions between the components of films and assessment of their antimicrobial activity. Carbohydrate Polymers, 2017, 157, 981-990.	10.2	89
28	Characterization of dextransucrase from Leuconostoc mesenteroides T3, water kefir grains isolate. Hemijska Industrija, 2017, 71, 351-360.	0.7	5
29	Enhanced fertilization effect of a compost obtained from mixed herbs waste inoculated with novel strains of mesophilic bacteria. Hemijska Industrija, 2017, 71, 503-513.	0.7	7
30	Effective valorization of barley bran for simultaneous cellulase and Î²-amylase production by Paenibacillus chitinolyticus CKS1: Statistical optimization and enzymes application. Journal of the Serbian Chemical Society, 2017, 82, 1223-1236.	0.8	3
31	Antioxidant activity in different morphological fractions of some cereal grains. Hrana I Ishrana, 2017, 58, 17-23.	0.2	1
32	Survival of spray dried microencapsulated Lactobacillus casei ATCC 393 in simulated gastrointestinal conditions and fermented milk. LWT - Food Science and Technology, 2016, 71, 169-174.	5.2	78
33	Deep UV fluorescence imaging study of Candida albicans cells treated with gold-riboflavin hydrocolloids. Optical and Quantum Electronics, 2016, 48, 1.	3.3	2
34	Utilization of spent coffee grounds for isolation and stabilization of Paenibacillus chitinolyticus CKS1 cellulase by immobilization. Heliyon, 2016, 2, e00146.	3.2	20
35	Biological treatment of colored wastewater by Streptomyces fulvissimus CKS 7. Water Science and Technology, 2016, 73, 2231-2236.	2.5	11
36	Sugar Beet Pulp as Leuconostoc mesenteroides T3 Support for Enhanced Dextransucrase Production on Molasses. Applied Biochemistry and Biotechnology, 2016, 180, 1016-1027.	2.9	7

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37	Improved Î²-amylase production on molasses and sugar beet pulp by a novel strain Paenibacillus chitinolyticus CKS1. Industrial Crops and Products, 2016, 80, 115-122.	5.2	23
38	A fluorescent nanoprobe for single bacterium tracking: functionalization of silver nanoparticles with tryptophan to probe the nanoparticle accumulation with single cell resolution. Analyst, The, 2016, 141, 1988-1996.	3.5	14
39	Traditional and Emerging Technologies for Autochthonous Lactic Acid Bacteria Application. Food Engineering Series, 2016, , 237-256.	0.7	2
40	Carboxymethyl cellulase production from a Paenibacillus sp.. Hemijska Industrija, 2016, 70, 329-338.	0.7	9
41	Lignocellulosic waste material as substrate for Avicelase production by a new strain of Paenibacillus chitinolyticus CKS1. International Biodeterioration and Biodegradation, 2015, 104, 426-434.	3.9	20
42	Nanomaterial with High Antimicrobial Efficacyâ€"Copper/Polyaniline Nanocomposite. ACS Applied Materials & Interfaces, 2015, 7, 1955-1966.	8.0	140
43	Negative influence of Ag and TiO2 nanoparticles on biodegradation of cotton fabrics. Cellulose, 2015, 22, 1365-1378.	4.9	18
44	Nutrient profile of black coffee consumed in Serbia: Filling a gap in the food composition database. Journal of Food Composition and Analysis, 2015, 40, 61-69.	3.9	16
45	Impregnation of cotton fabric with silver nanoparticles synthesized by dextran isolated from bacterial species Leuconostoc mesenteroides T3. Carbohydrate Polymers, 2015, 131, 331-336.	10.2	38
46	Î²-Amylase production from packaging-industry wastewater using a novel strain Paenibacillus chitinolyticus CKS 1. RSC Advances, 2015, 5, 90895-90903.	3.6	3
47	Tryptophan-functionalized gold nanoparticles for deep UV imaging of microbial cells. Colloids and Surfaces B: Biointerfaces, 2015, 135, 742-750.	5.0	35
48	The antimicrobial efficiency of silver activated sorbents. Applied Surface Science, 2015, 357, 819-831.	6.1	15
49	Optimisation of microwave-assisted extraction parameters for antioxidants from waste Achillea millefolium dust. Industrial Crops and Products, 2015, 77, 333-341.	5.2	55
50	Plant waste materials from restaurants as the adsorbents for dyes. Hemijska Industrija, 2015, 69, 667-677.	0.7	10
51	Water Kefir grain as a source of potent dextran producing lactic acid bacteria. Hemijska Industrija, 2015, 69, 595-604.	0.7	26
52	Synthesis of fluorine substituted hydroxyapatite nanopowders and application of the central composite design for determination of its antimicrobial effects. Applied Surface Science, 2014, 290, 346-352.	6.1	78
53	Removal of a Cationic Dye from Aqueous Solution by Microwave Activated Clinoptiloliteâ€"Response Surface Methodology Approach. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	7
54	Copper nanoparticles with high antimicrobial activity. Materials Letters, 2014, 128, 75-78.	2.6	154

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55	Antioxidant properties of the anthocyanin-containing ultrasonic extract from blackberry cultivar â€œÄŒaÄ•anska Bestrnaâ€• Industrial Crops and Products, 2014, 53, 274-281.	5.2	71
56	Microwave-assisted extraction for the recovery of antioxidants from waste Equisetum arvense. Industrial Crops and Products, 2014, 61, 388-397.	5.2	34
57	Silver film on nanocrystalline TiO2 support: Photocatalytic and antimicrobial ability. Materials Research Bulletin, 2014, 60, 824-829.	5.2	6
58	Antimicrobial activity and biocompatibility of Ag+- and Cu2+-doped biphasic hydroxyapatite/Î±-tricalcium phosphate obtained from hydrothermally synthesized Ag+- and Cu2+-doped hydroxyapatite. Applied Surface Science, 2014, 307, 513-519.	6.1	119
59	ZnO-modified cellulose fiber sheets for antibody immobilization. Carbohydrate Polymers, 2014, 109, 139-147.	10.2	42
60	ZnO/Ag hybrid nanocubes in alginate biopolymer: Synthesis and properties. Chemical Engineering Journal, 2014, 253, 341-349.	12.7	40
61	Optimization of microwave-assisted extraction of natural antioxidants from spent espresso coffee grounds by response surface methodology. Journal of Cleaner Production, 2014, 80, 69-79.	9.3	95
62	Preparation, characterization and antimicrobial activity of chitosan microparticles with thyme essential oil. Hemijska Industrija, 2014, 68, 721-729.	0.7	11
63	Antimicrobial hydrogels based on 2-hydroxyethyl methacrylate and itaconic acid containing silver(I) ion. Tehnika, 2014, 69, 563-568.	0.2	7
64	Comparative analysis of the chemical composition and antimicrobal activities of some of Lamiaceae family species and Eucaliptus (Eucaliptus globules M). Acta Periodica Technologica, 2014, , 201-213.	0.2	0
65	Antimicrobial P(HEMA/IA)/PVP semi-interpenetrating network hydrogels. Polymer Bulletin, 2013, 70, 809-819.	3.3	19
66	Stability of the pyrethroid pesticide bifenthrin in milled wheat during thermal processing, yeast and lactic acid fermentation, and storage. Journal of the Science of Food and Agriculture, 2013, 93, 3377-3383.	3.5	35
67	Evaluation and improvement of antioxidant and antibacterial activities of supercritical extracts from clove buds. Journal of Functional Foods, 2013, 5, 416-423.	3.4	53
68	Dissipation of pirimiphos-methyl during wheat fermentation by Lactobacillus plantarum. Letters in Applied Microbiology, 2013, 57, 412-419.	2.2	32
69	Influence of size scale and morphology on antibacterial properties of ZnO powders hydrothemally synthesized using different surface stabilizing agents. Colloids and Surfaces B: Biointerfaces, 2013, 102, 21-28.	5.0	178
70	The antioxidant properties of dried extracts from the spent espresso coffee. Hemijska Industrija, 2013, 67, 261-267.	0.7	8
71	Efficiencies of different methods for determination of organophosphate pesticide residues in fermented wheat substrate. Pesticidi I Fitomedicina = Pesticides and Phytomedicine, 2013, 28, 133-140.	0.2	2
72	The study of antibacterial activity and stability of dyed cotton fabrics modified with different forms of silver. Journal of the Serbian Chemical Society, 2012, 77, 225-234.	0.8	20

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73	Biocompatibility and antimicrobial activity of zinc(II) doped hydroxyapatite, synthesized by hydrothermal method. Journal of the Serbian Chemical Society, 2012, 77, 1787-1798.	0.8	23
74	Formation of nano-plate silver particles in the presence of polyampholyte copolymer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 414, 17-25.	4.7	19
75	Viscoelastic properties and antimicrobial activity of cellulose fiber sheets impregnated with Ag nanoparticles. Carbohydrate Polymers, 2012, 90, 1139-1146.	10.2	31
76	Fabrication and antibacterial properties of ZnOâ€"alginate nanocomposites. Carbohydrate Polymers, 2012, 88, 263-269.	10.2	119
77	Inhibition of myeloperoxidase and antioxidative activity of Gentiana lutea extracts. Journal of Pharmaceutical and Biomedical Analysis, 2012, 66, 191-196.	2.8	55
78	Comparative analysis of the potential probiotic abilities of lactobacilli of human origin and from fermented vegetables. Archives of Biological Sciences, 2012, 64, 1473-1480.	0.5	6
79	Inhibition of Microbial Growth by Silverâ€"Starch Nanocomposite Thin Films. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 2343-2355.	3.5	28
80	Antioxidant Activity and Total Phenolic Content in Some Cereals and Legumes. International Journal of Food Properties, 2011, 14, 175-184.	3.0	81
81	Silver nanoparticles encapsulated in glycogen biopolymer: Morphology, optical and antimicrobial properties. Carbohydrate Polymers, 2011, 83, 883-890.	10.2	54
82	Synthesis of antimicrobial monophase silver-doped hydroxyapatite nanopowders for bone tissue engineering. Applied Surface Science, 2011, 257, 4510-4518.	6.1	221
83	Effect of fermentation on antioxidant properties of some cereals and pseudo cereals. Food Chemistry, 2010, 119, 957-963.	8.2	331
84	Synthesis, characterization and antimicrobial activity of copper and zinc-doped hydroxyapatite nanopowders. Applied Surface Science, 2010, 256, 6083-6089.	6.1	461
85	Bactericidal Efficiency of Silver Nanoparticles Deposited onto Radio Frequency Plasma Pretreated Polyester Fabrics. Industrial & Engineering Chemistry Research, 2010, 49, 7287-7293.	3.7	70
86	Antimicrobial activity of hybrid hydrogels based on poly(vinylpyrrolidone) containing silver. Hemijska Industrija, 2010, 64, 209-214.	0.7	2
87	Biologically active fibers based on chitosan-coated lyocell fibers. Carbohydrate Polymers, 2009, 78, 240-246.	10.2	45
88	Synthesis and characterization of poly(2-hydroxyethyl methacrylate/itaconic acid) copolymeric hydrogels. Polymer Bulletin, 2009, 63, 837-851.	3.3	37
89	Silverâ€Loaded Cotton/Polyester Fabric Modified by Dielectric Barrier Discharge Treatment. Plasma Processes and Polymers, 2009, 6, 58-67.	3.0	47
90	Heavy metals concentration in soils from parks and green areas in Belgrade. Journal of the Serbian Chemical Society, 2009, 74, 697-706.	0.8	43

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91	Antibacterial effect of silver nanoparticles deposited on coronaâ€treated polyester and polyamide fabrics. Polymers for Advanced Technologies, 2008, 19, 1816-1821.	3.2	151
92	Surface characteristics and antibacterial activity of a silver-doped carbon monolith. Science and Technology of Advanced Materials, 2008, 9, 015006.	6.1	21
93	Lipase catalyzed synthesis of flavor esters in non-aqueous media: Optimization of the yield of pentyl 2-methylpropanoate by statistical analysis. Journal of the Serbian Chemical Society, 2008, 73, 1139-1151.	0.8	14
94	Antimicrobial textile prepared by silver deposition on dielectric barrier discharge treated cotton/polyester fabric. Chemical Industry and Chemical Engineering Quarterly, 2008, 14, 219-221.	0.7	16
95	Effect of fermentation conditions on lipase production by Candida utilis. Journal of the Serbian Chemical Society, 2007, 72, 757-765.	0.8	21
96	Antimicrobial activity of the essential oil and different fractions of Juniperus communis L. and a comparison with some commercial antibiotics. Journal of the Serbian Chemical Society, 2007, 72, 311-320.	0.8	82
97	A study of the synergistic antilisterial effects of a sub-lethal dose of lactic acid and essential oils from Thymus vulgaris L., Rosmarinus officinalis L. and Origanum vulgare L.. Food Chemistry, 2007, 104, 774-782.	8.2	70
98	Protection of probiotic microorganisms by microencapsulation. Chemical Industry and Chemical Engineering Quarterly, 2007, 13, 169-174.	0.7	39
99	Bioprotective agents in safety control. Hemijska Industrija, 2003, 57, 479-485.	0.7	0
100	Drying of biological materials in a spout-fluid bed with a draft tube. Hemijska Industrija, 2002, 56, 141-146.	0.7	2
101	The significance and possibility of functional food production. Hemijska Industrija, 2002, 56, 113-122.	0.7	4
102	The influence of a cryoprotective medium containing glycerol on the lyophilization of lactic acid bacteria. Journal of the Serbian Chemical Society, 2001, 66, 435-441.	0.8	8
103	Comparative study on biochemical activity of the intestinal isolates Lactobacillus sp. V3 and Bifidobacterium sp. A71 in different substrates. Journal of the Serbian Chemical Society, 2001, 66, 581-589.	0.8	2
104	Valorization of lignocellulosic wastes for extracellular enzyme production by novel Basidiomycetes: screening, hydrolysis, and bioethanol production. Biomass Conversion and Biorefinery, 0, , 1.	4.6	4