

Katarina R Mihajlovski

List of Publications by Year in descending order

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31
papers

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#	ARTICLE	IF	CITATIONS
1	Optimization of Pretreatment Conditions and Enzymatic Hydrolysis of Corn Cobs for Production of Microbial Lipids by <i>Trichosporon oleaginosus</i> . <i>Energies</i> , 2022, 15, 3208.	3.1	4
2	Quality of Cotton and cotton/elastane Single Jersey Knitted Fabrics before and after Softening and <i>in Situ</i> Synthesis of Cu-based Nanoparticles. <i>Journal of Natural Fibers</i> , 2022, 19, 15139-15150.	3.1	3
3	From Agricultural Waste to Biofuel: Enzymatic Potential of a Bacterial Isolate <i>Streptomyces fulvissimus</i> CKS7 for Bioethanol Production. <i>Waste and Biomass Valorization</i> , 2021, 12, 165-174.	3.4	34
4	Statistical optimization of bioethanol production from waste bread hydrolysate. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 651-662.	0.8	4
5	Hydroxyapatite/nifuroxazide conjugate: Characterization, drug release and antimicrobial activity. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 1103-1112.	0.8	1
6	The ability of a new strain of <i>Bacillus pseudomycoides</i> to improve the germination of alfalfa seeds in the presence of fungal infection or chromium. <i>Rhizosphere</i> , 2021, 18, 100353.	3.0	11
7	Chitosan Nanoparticles Functionalized Viscose Fabrics as Potentially Durable Antibacterial Medical Textiles. <i>Materials</i> , 2021, 14, 3762.	2.9	17
8	Valorization of corn stover and molasses for enzyme synthesis, lignocellulosic hydrolysis and bioethanol production by <i>Hymenobacter</i> sp. CKS3. <i>Environmental Technology and Innovation</i> , 2021, 23, 101627.	6.1	9
9	A Strategy to Revalue a Wood Waste for Simultaneous Cadmium Removal and Wastewater Disinfection. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-14.	3.2	6
10	Enzymatic hydrolysis of waste bread by newly isolated <i>Hymenobacter</i> sp. CKS3: Statistical optimization and bioethanol production. <i>Renewable Energy</i> , 2020, 152, 627-633.	8.9	13
11	Zinc oxide nanoparticles prepared by thermal decomposition of zinc benzenepolycarboxylato precursors: Photoluminescent, photocatalytic and antimicrobial properties. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 1475-1488.	0.8	3
12	Influence of Different Pretreatments on the Antibacterial Properties of Chitosan Functionalized Viscose Fabric: TEMPO Oxidation and Coating with TEMPO Oxidized Cellulose Nanofibrils. <i>Materials</i> , 2019, 12, 3144.	2.9	26
13	Cellulase production by <i>Sinorhizobium meliloti</i> strain 224 using waste tobacco as substrate. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 5881-5890.	3.5	12
14	Antimicrobial activity of silver nanoparticles supported by magnetite. <i>ChemistrySelect</i> , 2019, 4, 4018-4024.	1.5	10
15	Biocontrol and plant stimulating potential of novel strain <i>Bacillus</i> sp. PPM3 isolated from marine sediment. <i>Microbial Pathogenesis</i> , 2018, 120, 71-78.	2.9	18
16	Valorization of damaged rice grains: Optimization of bioethanol production by waste brewer's yeast using an amylolytic potential from the <i>Paenibacillus chitinolyticus</i> CKS1. <i>Fuel</i> , 2018, 224, 591-599.	6.4	23
17	Influence of hemicelluloses and lignin content on structure and sorption properties of flax fibers (<i>Linum usitatissimum</i> L.). <i>Cellulose</i> , 2018, 25, 697-709.	4.9	48
18	Novel protein-repellent and antimicrobial polysaccharide multilayer thin films. <i>Holzforschung</i> , 2018, 73, 93-103.	1.9	10

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19	Î ² -amylase production by a novel strain <i>Paenibacillus chitinolyticus</i> CKS1 using commercial and waste substrates. <i>Journal on Processing and Energy in Agriculture</i> , 2018, 22, 18-22.	0.4	0
20	Effective valorization of barley bran for simultaneous cellulase and Î ² -amylase production by <i>Paenibacillus chitinolyticus</i> CKS1: Statistical optimization and enzymes application. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 1223-1236.	0.8	3
21	Improved Î ² -amylase production on molasses and sugar beet pulp by a novel strain <i>Paenibacillus chitinolyticus</i> CKS1. <i>Industrial Crops and Products</i> , 2016, 80, 115-122.	5.2	23
22	Carboxymethyl cellulase production from a <i>Paenibacillus</i> sp.. <i>Hemijaska Industrija</i> , 2016, 70, 329-338.	0.7	9
23	Lignocellulosic waste material as substrate for Avicelase production by a new strain of <i>Paenibacillus chitinolyticus</i> CKS1. <i>International Biodeterioration and Biodegradation</i> , 2015, 104, 426-434.	3.9	20
24	Î ² -Amylase production from packaging-industry wastewater using a novel strain <i>Paenibacillus chitinolyticus</i> CKS 1. <i>RSC Advances</i> , 2015, 5, 90895-90903.	3.6	3
25	Removal of a Cationic Dye from Aqueous Solution by Microwave Activated Clinoptiloliteâ€™Response Surface Methodology Approach. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	7
26	Preparation and characterization of silver-loaded hemp fibers with antimicrobial activity. <i>Fibers and Polymers</i> , 2014, 15, 57-64.	2.1	24
27	Rapid cationic dye adsorption on polyphenol-extracted coffee groundsâ€™A response surface methodology approach. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1691-1699.	5.3	52
28	Antimicrobial viscose fabric prepared by treatment in DBD and subsequent deposition of silver and copper ionsâ€™Investigation of plasma aging effect. <i>Surface and Coatings Technology</i> , 2013, 234, 92-99.	4.8	39
29	The antioxidant properties of dried extracts from the spent espresso coffee. <i>Hemijaska Industrija</i> , 2013, 67, 261-267.	0.7	8
30	A study of the synergistic antilisterial effects of a sub-lethal dose of lactic acid and essential oils from <i>Thymus vulgaris</i> L., <i>Rosmarinus officinalis</i> L. and <i>Origanum vulgare</i> L.. <i>Food Chemistry</i> , 2007, 104, 774-782.	8.2	70
31	Valorization of lignocellulosic wastes for extracellular enzyme production by novel Basidiomycetes: screening, hydrolysis, and bioethanol production. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	4