

Barbara Å»arowska

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

661
citations

567281

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33
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33
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#	ARTICLE	IF	CITATIONS
1	Postharvest biocontrol ability of killer yeasts against <i>Monilinia fructigena</i> and <i>Monilinia fructicola</i> on stone fruit. <i>Food Microbiology</i> , 2017, 61, 93-101.	4.2	93
2	Comparison of citric acid production from glycerol and glucose by different strains of <i>Yarrowia lipolytica</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1217-1224.	3.6	74
3	Role of biocontrol yeasts <i>Debaryomyces hansenii</i> and <i>Wickerhamomyces anomalus</i> in plants' defence mechanisms against <i>Monilinia fructicola</i> in apple fruits. <i>Food Microbiology</i> , 2019, 83, 1-8.	4.2	53
4	EFFECT OF AGITATION AND AERATION ON THE CITRIC ACID PRODUCTION BY <i>Yarrowia lipolytica</i> GROWN ON GLYCEROL. <i>Preparative Biochemistry and Biotechnology</i> , 2012, 42, 279-291.	1.9	49
5	Antimicrobial Activity of Xanthohumol and Its Selected Structural Analogues. <i>Molecules</i> , 2016, 21, 608.	3.8	43
6	New keratinolytic bacteria in valorization of chicken feather waste. <i>AMB Express</i> , 2018, 8, 9.	3.0	43
7	Synthesis and Biological Activity of Novel O-Alkyl Derivatives of Naringenin and Their Oximes. <i>Molecules</i> , 2017, 22, 1485.	3.8	34
8	New Look on Antifungal Activity of Silver Nanoparticles (AgNPs). <i>Polish Journal of Microbiology</i> , 2019, 68, 515-525.	1.7	26
9	Impact of mulching on growth essential oil composition and its biological activity in <i>Monarda didyma</i> L.. <i>Industrial Crops and Products</i> , 2019, 129, 299-308.	5.2	20
10	Synthesis and Biological Evaluation of Novel Aminochalcones as Potential Anticancer and Antimicrobial Agents. <i>Molecules</i> , 2019, 24, 4129.	3.8	19
11	Biotechnological methods for chalcone reduction using whole cells of <i>Lactobacillus</i> , <i>Rhodococcus</i> and <i>Rhodotorula</i> strains as a way to produce new derivatives. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8371-8384.	3.6	18
12	Composition and Antimicrobial Activity of Ilex Leaves Water Extracts. <i>Molecules</i> , 2021, 26, 7442.	3.8	17
13	Antimicrobial activity of new bicyclic lactones with three or four methyl groups obtained both synthetically and biosynthetically. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 363-371.	5.2	16
14	Lactones with Methylcyclohexane Systems Obtained by Chemical and Microbiological Methods and Their Antimicrobial Activity. <i>Molecules</i> , 2015, 20, 3335-3353.	3.8	15
15	Microbial transformations of 4-methylchalcones as an efficient method of obtaining novel alcohol and dihydrochalcone derivatives with antimicrobial activity. <i>RSC Advances</i> , 2018, 8, 30379-30386.	3.6	15
16	Biophysico-Chemical Properties of Alginate Oligomers Obtained by Acid and Oxidation Depolymerization. <i>Polymers</i> , 2021, 13, 2258.	4.5	15
17	Synthesis, biotransformation and biological activity of halolactones obtained from β -ionone. <i>Tetrahedron</i> , 2016, 72, 637-644.	1.9	14
18	Synthesis and Antimicrobial Activity of Methoxy- Substituted β -Oxa- μ -lactones Derived from Flavanones. <i>Molecules</i> , 2019, 24, 4151.	3.8	14

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19	The new halolactones and hydroxylactone with trimethylcyclohexene ring obtained through combined chemical and microbial processes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 102, 195-203.	1.8	11
20	Biotransformation of Lactones with Methylcyclohexane Ring and Their Biological Activity. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 12.	2.5	11
21	Yeast-Mediated Stereoselective Reduction of $\hat{\pm}$ -Acetylbutyrolactone. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1334.	2.5	10
22	Biotransformation of Bicyclic Halolactones with a Methyl Group in the Cyclohexane Ring into Hydroxylactones and Their Biological Activity. <i>Molecules</i> , 2016, 21, 1453.	3.8	9
23	Antimicrobial Activity of Hydroxylactone obtained by Biotransformation of Bromo- and Iodolactone with Gem-Dimethylcyclohexane Ring. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	7
24	Hydroxy lactones with the gem-dimethylcyclohexane system " Synthesis and antimicrobial activity. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2280-2288.	4.9	7
25	Freeze-Drying Preservation of Yeast Adjunct Cultures for Cheese Production. <i>Polish Journal of Food and Nutrition Sciences</i> , 2012, 62, 143-150.	1.7	6
26	Influence of structure of lactones with the methylcyclohexene and dimethylcyclohexene ring on their biotransformation and antimicrobial activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2017, 72, 209-217.	1.4	5
27	Enzymatic hydrolysis using bacterial cultures as a novel method for obtaining antioxidant peptides from brewers' spent grain. <i>RSC Advances</i> , 2021, 11, 4688-4700.	3.6	5
28	Antimicrobial chloro-hydroxylactones derived from the biotransformation of bicyclic halolactones by cultures of <i>Pleurotus ostreatus</i> . <i>Bioorganic Chemistry</i> , 2020, 104, 104250.	4.1	3
29	New Cytoplasmic Virus-Like Elements (VLEs) in the Yeast <i>Debaryomyces hansenii</i> . <i>Toxins</i> , 2021, 13, 615.	3.4	3
30	Biotransformation of $\hat{\pm}$ -Acetylbutyrolactone in <i>Rhodotorula</i> Strains. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2106.	4.1	2
31	<i>Pleurotus ostreatus</i> as a Biocatalyst to Obtain Bicyclic Hydroxylactones with Three or Four Methyl Groups. <i>Catalysts</i> , 2019, 9, 643.	3.5	2
32	The Role of Plasma Membrane Pleiotropic Drug Resistance Transporters in the Killer Activity of <i>Debaryomyces hansenii</i> and <i>Wickerhamomyces anomalus</i> <i>Toxins</i> . <i>Toxins</i> , 2022, 14, 180.	3.4	2