

Serpil Z TakaÃ§

List of Publications by Year in descending order

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papers

934
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516561

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49
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49
docs citations

49
times ranked

1078
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep eutectic solvent-assisted synthesis of polyaniline by laccase enzyme. Journal of Chemical Technology and Biotechnology, 2021, 96, 1107-1115.	1.6	7
2	Remarkable effects of deep eutectic solvents on the esterification of lactic acid with ethanol over Amberlyst-15. Korean Journal of Chemical Engineering, 2020, 37, 46-53.	1.2	8
3	Use of deep eutectic solvents as catalyst: A mini-review. Green Processing and Synthesis, 2019, 8, 355-372.	1.3	128
4	Use of deep eutectic solvents in the enzyme catalysed production of ethyl lactate. Process Biochemistry, 2019, 84, 53-59.	1.8	18
5	Use of Olive Mill Wastewater as a Growth Medium for Superoxide Dismutase and Catalase Production. Clean - Soil, Air, Water, 2018, 46, 1700228.	0.7	7
6	Gliserol varlığında <i>Rhodotorula glutinis</i> soğalma kinetiğinin incelenmesi ve katalaz aktivitesinin araştırılması. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.3	0
7	Kinetics of lipase-catalysed methyl gallate production in the presence of deep eutectic solvent. Biocatalysis and Biotransformation, 2017, 35, 407-416.	1.1	14
8	Improvement of superoxide dismutase activity using experimental design and radical promoters. Biotechnology and Biotechnological Equipment, 2017, 31, 1046-1054.	0.5	1
9	A Novel Two-Step Process to Co-valorize Antioxidant Rich By-products of Olive and Grape Processing Industries. Waste and Biomass Valorization, 2017, 8, 829-837.	1.8	3
10	Development of pH adjustment-based operational strategy to increase total phenol removal rate in biodegradation of olive mill wastewater by <i>Rhodotorula glutinis</i> . Desalination and Water Treatment, 2014, 52, 7277-7281.	1.0	6
11	Parameters and kinetics of olive mill wastewater dephenolization by immobilized <i>Rhodotorula glutinis</i> cells. Environmental Technology (United Kingdom), 2014, 35, 3074-3081.	1.2	4
12	Investigation of the simultaneous production of superoxide dismutase and catalase enzymes from <i>Rhodotorula glutinis</i> under different culture conditions. Artificial Cells, Blood Substitutes, and Biotechnology, 2012, 40, 338-344.	0.9	7
13	Development of process conditions for biodegradation of raw olive mill wastewater by <i>Rhodotorula glutinis</i> . International Biodeterioration and Biodegradation, 2012, 75, 75-82.	1.9	28
14	Kinetic study of hemicellulosic sugar production from hazelnut shells. Chemical Engineering Journal, 2012, 185-186, 23-28.	6.6	30
15	Oxygen transfer strategy modulates the productions of lipase and esterase enzymes by <i>Candida rugosa</i> . Journal of Molecular Catalysis B: Enzymatic, 2010, 64, 150-154.	1.8	10
16	Recovery of Phenolic Antioxidants from Olive Mill Wastewater. Recent Patents on Chemical Engineering, 2010, 2, 230-237.	0.5	21
17	EXTRACELLULAR LIPOLYTIC ENZYME ACTIVITY OF A NEWLY ISOLATED <i>DEBARYOMYCES HANSENII</i> . Preparative Biochemistry and Biotechnology, 2009, 40, 28-37.	1.0	7
18	Impact of Inoculation Strategy on the Progress of <i>Candida rugosa</i> Cultivation. Artificial Cells, Blood Substitutes, and Biotechnology, 2009, 37, 130-137.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Media Formulation using Complex Organic Nutrients for Improved Activity, Productivity, and Yield of <i>Candida rugosa</i> Lipase and Esterase Enzymes. <i>Preparative Biochemistry and Biotechnology</i> , 2009, 39, 323-341.	1.0	2
20	Effects of Alcohol and Buffer Treatments on the Activity and Enantioselectivity of <i>Candida rugosa</i> Lipase. <i>Preparative Biochemistry and Biotechnology</i> , 2009, 39, 124-141.	1.0	2
21	Recovery of Phenolic Antioxidants from Olive Mill Wastewater. <i>Recent Patents on Chemical Engineering</i> , 2009, 2, 230-237.	0.5	57
22	Effects of lipidic carbon sources on the extracellular lipolytic activity of a newly isolated strain of <i>Bacillus subtilis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008, 35, 1019-1025.	1.4	21
23	The enantioselective hydrolysis of racemic naproxen methyl ester in supercritical CO ₂ using <i>Candida rugosa</i> lipase. <i>Journal of Supercritical Fluids</i> , 2007, 43, 310-316.	1.6	21
24	Isolation of lipase producing <i>Bacillus</i> sp. from olive mill wastewater and improving its enzyme activity. <i>Journal of Hazardous Materials</i> , 2007, 149, 720-724.	6.5	119
25	Impressive effect of immobilization conditions on the catalytic activity and enantioselectivity of <i>Candida rugosa</i> lipase toward S-Naproxen production. <i>Process Biochemistry</i> , 2007, 42, 1021-1027.	1.8	45
26	A parametric study on biphasic medium conditions for the enantioselective production of naproxen by <i>Candida rugosa</i> lipase. <i>Applied Biochemistry and Biotechnology</i> , 2007, 141, 15-26.	1.4	10
27	Adsorption of bovine serum albumin on polyether sulfone ultrafiltration membranes: Determination of interfacial interaction energy and effective diffusion coefficient. <i>Journal of Membrane Science</i> , 2006, 278, 251-260.	4.1	68
28	Effect of ionic environments on the adsorption and diffusion characteristics of serine alkaline protease enzyme in polyethersulfone ultrafiltration membranes. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 806-814.	5.0	20
29	Nucleophile influence on the complex reaction network of 2-isopropyl naphthalene hydroperoxide decomposition. <i>Chemical Engineering and Processing: Process Intensification</i> , 2005, 44, 1197-1206.	1.8	0
30	Effect of reaction conditions on the product distribution in the liquid-phase acid-catalyzed etherification of 2-naphthol with methanol. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 85, 291-298.	0.6	1
31	A Parametric Study on Protein-Membrane-Ionic Environment Interactions for Membrane Fouling. <i>Separation Science and Technology</i> , 2005, 40, 1191-1212.	1.3	16
32	Decomposition of 2-isopropyl naphthalene hydroperoxide into 2-naphthol and acetone: reactor operation parameters. <i>Applied Catalysis A: General</i> , 2003, 238, 85-97.	2.2	2
33	Separation of the protease enzymes of <i>Bacillus licheniformis</i> from the fermentation medium by crossflow ultrafiltration. <i>Journal of Chemical Technology and Biotechnology</i> , 2000, 75, 491-499.	1.6	23
34	Metabolic flux analyses for serine alkaline protease production. <i>Enzyme and Microbial Technology</i> , 2000, 27, 793-805.	1.6	14
35	Serine alkaline protease overproduction capacity of <i>Bacillus licheniformis</i> . <i>Enzyme and Microbial Technology</i> , 2000, 26, 45-60.	1.6	18
36	Effects of organic and inorganic initiator-catalysts on the liquid-phase oxidation of 2-isopropyl naphthalene. <i>Applied Catalysis A: General</i> , 2000, 197, 279-287.	2.2	7

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37	EFFECTS OF PROCESS PARAMETERS ON THE KINETICS OF THE DECOMPOSITION OF 2-ISOPROPYLNAPHTHALENEHYDROPEROXIDE INTO 2-NAPHTHOL AND ACETONE. <i>Reviews in Chemical Engineering</i> , 2000, 16, .	2.3	6
38	Solventâ€catalyst interactions in the decomposition process of 2-isopropyl naphthalene hydroperoxide into 2-naphthol and acetone. <i>Applied Catalysis A: General</i> , 1999, 183, 377-393.	2.2	7
39	Metabolic flux analysis for serine alkaline protease fermentation by <i>Bacillus licheniformis</i> in a defined medium: Effects of the oxygen transfer rate. , 1999, 64, 151-167.		61
40	Decomposition of 2-Isopropyl naphthalene Hydroperoxide into 2-Naphthol and Acetone in the Presence of Acetic Acid and H ₂ O ₂ . <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 3838-3846.	1.8	3
41	Metabolic flux analysis for serine alkaline protease fermentation by <i>Bacillus licheniformis</i> in a defined medium: Effects of the oxygen transfer rate. <i>Biotechnology and Bioengineering</i> , 1999, 64, 151-167.	1.7	1
42	Metabolic flux distribution for the optimized production of l-glutamate. <i>Enzyme and Microbial Technology</i> , 1998, 23, 286-300.	1.6	34
43	Selective oxidation of 2-isopropyl naphthalene to 2-isopropyl naphthalene hydroperoxide in a gasâ€liquid reaction system using CuO+NaOH _{aq} catalyst. <i>Chemical Engineering Journal</i> , 1998, 71, 37-48.	6.6	12
44	Catalytic effect of NaOH on the liquid-phase oxidation of 2-isopropyl naphthalene. <i>Applied Catalysis A: General</i> , 1998, 172, 59-66.	2.2	17
45	Separation kinetics of l-phenylalanine by ion-exchange process. <i>Biochemical Engineering Journal</i> , 1998, 2, 101-112.	1.8	10
46	Bioconversion of trans-cinnamic acid to l-phenylalanine by l-phenylalanine ammonia-lyase of <i>Rhodotorula glutinis</i> : Parameters and kinetics. <i>Enzyme and Microbial Technology</i> , 1995, 17, 445-452.	1.6	32
47	Use of Deep Eutectic Solvents in the Treatment of Agro-Industrial Lignocellulosic Wastes for Bioactive Compounds. , 0, , .		6