Pradip B Dhamole

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3050232/publications.pdf

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30	617	623188	610482
papers	citations	14 h-index	24 g-index

30	30	30	645
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extractive fermentation with non-ionic surfactants to enhance butanol production. Biomass and Bioenergy, 2012, 40, 112-119.	2.9	85
2	Denitrification of high strength nitrate waste. Bioresource Technology, 2007, 98, 247-252.	4.8	77
3	Phase Separation Conditions for Sugaring-Out in Acetonitrileâ^'Water Systems. Journal of Chemical & Engineering Data, 2010, 55, 3803-3806.	1.0	59
4	Biological denitrification of high strength nitrate waste using preadapted denitrifying sludge. Chemosphere, 2007, 67, 1612-1617.	4.2	46
5	Sugaring out: A new method for removal of acetonitrile from preparative RP-HPLC eluent for protein purification. Process Biochemistry, 2010, 45, 1672-1676.	1.8	37
6	Enhanced xylitol production using immobilized Candida tropicalis with non-detoxified corn cob hemicellulosic hydrolysate. 3 Biotech, 2016, 6, 75.	1.1	32
7	Simultaneous removal of carbon and nitrate in an airlift bioreactor. Bioresource Technology, 2009, 100, 1082-1086.	4.8	28
8	Detoxification of corn stover hydrolysate using surfactantâ€based aqueous two phase system. Journal of Chemical Technology and Biotechnology, 2013, 88, 1744-1749.	1.6	23
9	Denitrification of Highly Alkaline Nitrate Waste Using Adapted Sludge. Applied Biochemistry and Biotechnology, 2008, 151, 433-440.	1.4	22
10	Longâ€term stability of biological denitrification process for high strength nitrate removal from wastewater of uranium industry. Environmental Progress, 2008, 27, 365-372.	0.8	22
11	Extraction of p-coumaric acid from agricultural residues and separation using â€˜sugaring outâ€™. Korean Journal of Chemical Engineering, 2016, 33, 1860-1864.	1.2	21
12	CO2 fixation and lipid production by microalgal species. Korean Journal of Chemical Engineering, 2016, 33, 587-593.	1.2	18
13	Denitrification of High Strength Nitrate Waste from a Nuclear Industry Using Acclimatized Biomass in a Pilot Scale Reactor. Applied Biochemistry and Biotechnology, 2015, 175, 748-756.	1.4	17
14	Extraction of p-Coumaric Acid and Ferulic Acid Using Surfactant-Based Aqueous Two-Phase System. Applied Biochemistry and Biotechnology, 2014, 174, 564-573.	1.4	15
15	Screening of non-Ionic Surfactant for Enhancing Biobutanol Production. Applied Biochemistry and Biotechnology, 2015, 177, 1272-1281.	1.4	15
16	Xylitol production from non-detoxified and non-sterile lignocellulosic hydrolysate using low-cost industrial media components. 3 Biotech, 2017, 7, 68.	1.1	15
17	A Review on Alternative Carbon Sources for Biological Treatment of Nitrate Waste. Journal of the Institution of Engineers (India): Series E, 2015, 96, 63-73.	0.5	12
18	Enhanced n-butanol production by Clostridium beijerinckii MCMB 581 in presence of selected surfactant. 3 Biotech, 2017, 7, 161.	1.1	10

#	Article	IF	Citations
19	Back-extraction of butanol from coacervate phase using Winsor III microemulsion. Process Biochemistry, 2018, 70, 160-167.	1.8	10
20	Determination of phase transition temperatures of PEO-PPO-PEO block copolymer L62 in presence of fermentation media components. Fluid Phase Equilibria, 2018, 460, 126-134.	1.4	9
21	Sugaring-out extraction of erythromycin from fermentation broth. Korean Journal of Chemical Engineering, 2021, 38, 90-97.	1.2	8
22	Biotreatment of High Strength Nitrate Waste Using Immobilized Preadapted Sludge. Applied Biochemistry and Biotechnology, 2008, 151, 193-200.	1.4	6
23	Determination of solubilization isotherm in micelles of non-ionic surfactant L62 for butanol extraction. Journal of Molecular Liquids, 2019, 287, 110960.	2.3	6
24	Microemulsion extraction of biobutanol from surfactant based-extractive fermentation broth. Chemical Engineering and Processing: Process Intensification, 2019, 146, 107691.	1.8	5
25	Effect of Operating Conditions and Immobilization on Butanol Enhancement in an Extractive Fermentation Using Non-ionic Surfactant. Applied Biochemistry and Biotechnology, 2019, 187, 1424-1436.	1.4	5
26	Integrated ultrasound-mediated sugaring-out extraction of erythromycin from fermentation broth. Separation and Purification Technology, 2021, 278, 119517.	3.9	5
27	Enhanced Butanol Production Using Non-ionic Surfactantâ€“Based Extractive Fermentation: Effect of Substrates and Immobilization of Cell. Applied Biochemistry and Biotechnology, 2019, 189, 1209-1222.	1.4	4
28	Crystallization of erythromycin extracted using novel phase separation â€˜sugaring-out extractionâ€™: A combined modelling and experimental approach. Chemical Engineering and Processing: Process Intensification, 2021, 169, 108616.	1.8	3
29	Effect of Periodic Water Addition on Citric Acid Production in Solid State Fermentation. Journal of the Institution of Engineers (India): Series E, 2013, 94, 67-72.	0.5	2
30	Enhanced extraction of soluble dietary fibre and seed oil from tomato pomace. Indian Chemical Engineer, 0, , 1-10.	0.9	0