

Zhilong Xiu

List of Publications by Year in descending order

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papers

769
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567281
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all docs

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docs citations

25
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of carboxymethyl chitosan adsorption on bioactive components of Antarctic krill oil. Food Chemistry, 2022, 388, 132995.	8.2	7
2	Production of 1,3-propanediol and lactic acid from crude glycerol by a microbial consortium from intertidal sludge. Biotechnology Letters, 2021, 43, 711-717.	2.2	8
3	Simultaneous solid-liquid separation and primary purification of clavulanic acid from fermentation broth of <i>Streptomyces clavuligerus</i> using salting-out extraction system. Engineering in Life Sciences, 2021, 21, 643-652.	3.6	1
4	Three-liquid-phase salting-out extraction of eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA)-rich oils from <i>Euphausia superba</i> . Engineering in Life Sciences, 2021, 21, 666-682.	3.6	3
5	Separation of microalgal docosahexaenoic acid-rich oils using a microwave-assisted three-phase partitioning system. Separation and Purification Technology, 2020, 252, 117441.	7.9	12
6	Separation and purification of <i>Klebsiella</i> phage by two-step salting-out extraction. Separation and Purification Technology, 2020, 242, 116784.	7.9	10
7	Two-step salting-out extraction of 1,3-propanediol, butyric acid and acetic acid from fermentation broths. Separation and Purification Technology, 2019, 209, 246-253.	7.9	32
8	Microwave-assisted three-liquid-phase salting-out extraction of docosahexaenoic acid (DHA)-rich oil from cultivation broths of <i>Schizochytrium limacinium</i> SR21. Food and Bioproducts Processing, 2019, 118, 237-247.	3.6	14
9	Separation and purification of wortmannilactone analogues by three-liquid-phase salting-out extraction coupled with column chromatography. Separation and Purification Technology, 2019, 224, 397-404.	7.9	9
10	Partition behavior of monocarboxylic acids in salting-out extraction systems of monohydric alcohols and dipotassium phosphate. Separation and Purification Technology, 2018, 199, 351-358.	7.9	18
11	An environment-friendly approach to isolate and purify glucan from spent cells of recombinant <i>Pichia pastoris</i> and the bioactivity characterization of the purified glucan. Engineering in Life Sciences, 2018, 18, 227-235.	3.6	8
12	E-configuration structures of EPA and DHA derived from <i>Euphausia superba</i> and their significant inhibitive effects on growth of human cancer cell lines in vitro. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 117, 47-53.	2.2	25
13	Effects of salting-out and salting-out extraction on the separation of butyric acid. Separation and Purification Technology, 2017, 180, 44-50.	7.9	38
14	Extraction and purification of IgG by hydrophilic organic solvent salting-out extraction. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1012-1013, 137-143.	2.3	15
15	Three-liquid-phase salting-out extraction of effective components from waste liquor of processing sea cucumber. Food and Bioproducts Processing, 2015, 96, 99-105.	3.6	19
16	Salting-out extraction of carboxylic acids. Separation and Purification Technology, 2015, 139, 36-42.	7.9	60
17	Microwave-assisted aqueous two-phase extraction of phenolics from grape (<i>Vitis vinifera</i>) seed. Journal of Chemical Technology and Biotechnology, 2014, 89, 1576-1581.	3.2	58
18	Salting-out extraction and crystallization of succinic acid from fermentation broths. Process Biochemistry, 2014, 49, 506-511.	3.7	49

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19	Separation of bio-based chemicals from fermentation broths by salting-out extraction. Engineering in Life Sciences, 2014, 14, 108-117.	3.6	80
20	Two-step salting-out extraction of 1,3-propanediol and lactic acid from the fermentation broth of <i>Klebsiella pneumoniae</i> on biodiesel-derived crude glycerol. Engineering in Life Sciences, 2013, 13, 487-495.	3.6	26
21	Selection and optimization of a salting-out extraction system for recovery of biobutanol from fermentation broth. Engineering in Life Sciences, 2013, 13, 464-471.	3.6	31
22	Extraction and purification of recombinant human serum albumin from <i>Pichia pastoris</i> broths using aqueous two-phase system combined with hydrophobic interaction chromatography. Journal of Chromatography A, 2012, 1245, 143-149.	3.7	34
23	Salting-out Extraction of 2,3-Butanediol from Jerusalem artichoke-based Fermentation Broth. Chinese Journal of Chemical Engineering, 2011, 19, 682-686.	3.5	33
24	Three-liquid-phase extraction of diosgenin and steroidal saponins from fermentation of <i>Dioscorea zingiberensis</i> C. H. Wright. Process Biochemistry, 2010, 45, 752-756.	3.7	62
25	Aqueous two-phase extraction of 2,3-butanediol from fermentation broths using an ethanol/phosphate system. Process Biochemistry, 2009, 44, 112-117.	3.7	117