

# Zhilong Xiu

## List of Publications by Year in descending order

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25  
papers

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566801

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580395

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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. <i>Food Chemistry</i> , 2022, 388, 132995.	4.2	7
2	Production of 1,3-propanediol and lactic acid from crude glycerol by a microbial consortium from intertidal sludge. <i>Biotechnology Letters</i> , 2021, 43, 711-717.	1.1	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. <i>Engineering in Life Sciences</i> , 2021, 21, 643-652.	2.0	1
4	Three-liquid-phase salting-out extraction of eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA)-rich oils from <i>Euphausia superba</i> . <i>Engineering in Life Sciences</i> , 2021, 21, 666-682.	2.0	3
5	Separation of microalgal docosahexaenoic acid-rich oils using a microwave-assisted three-phase partitioning system. <i>Separation and Purification Technology</i> , 2020, 252, 117441.	3.9	12
6	Separation and purification of <i>Klebsiella</i> phage by two-step salting-out extraction. <i>Separation and Purification Technology</i> , 2020, 242, 116784.	3.9	10
7	Two-step salting-out extraction of 1,3-propanediol, butyric acid and acetic acid from fermentation broths. <i>Separation and Purification Technology</i> , 2019, 209, 246-253.	3.9	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. <i>Food and Bioproducts Processing</i> , 2019, 118, 237-247.	1.8	14
9	Separation and purification of wortmannilactone analogues by three-liquid-phase salting-out extraction coupled with column chromatography. <i>Separation and Purification Technology</i> , 2019, 224, 397-404.	3.9	9
10	Partition behavior of monocarboxylic acids in salting-out extraction systems of monohydric alcohols and dipotassium phosphate. <i>Separation and Purification Technology</i> , 2018, 199, 351-358.	3.9	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. <i>Engineering in Life Sciences</i> , 2018, 18, 227-235.	2.0	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. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 117, 47-53.	1.0	25
13	Effects of salting-out and salting-out extraction on the separation of butyric acid. <i>Separation and Purification Technology</i> , 2017, 180, 44-50.	3.9	38
14	Extraction and purification of IgG by hydrophilic organic solvent salting-out extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1012-1013, 137-143.	1.2	15
15	Three-liquid-phase salting-out extraction of effective components from waste liquor of processing sea cucumber. <i>Food and Bioproducts Processing</i> , 2015, 96, 99-105.	1.8	19
16	Salting-out extraction of carboxylic acids. <i>Separation and Purification Technology</i> , 2015, 139, 36-42.	3.9	60
17	Microwave-assisted aqueous two-phase extraction of phenolics from grape ( <i>Vitis vinifera</i> ) seed. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1576-1581.	1.6	58
18	Salting-out extraction and crystallization of succinic acid from fermentation broths. <i>Process Biochemistry</i> , 2014, 49, 506-511.	1.8	49

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19	Separation of bio-based chemicals from fermentation broths by salting-out extraction. <i>Engineering in Life Sciences</i> , 2014, 14, 108-117.	2.0	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. <i>Engineering in Life Sciences</i> , 2013, 13, 487-495.	2.0	26
21	Selection and optimization of a salting-out extraction system for recovery of biobutanol from fermentation broth. <i>Engineering in Life Sciences</i> , 2013, 13, 464-471.	2.0	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. <i>Journal of Chromatography A</i> , 2012, 1245, 143-149.	1.8	34
23	Salting-out Extraction of 2,3-Butanediol from Jerusalem artichoke-based Fermentation Broth. <i>Chinese Journal of Chemical Engineering</i> , 2011, 19, 682-686.	1.7	33
24	Three-liquid-phase extraction of diosgenin and steroidal saponins from fermentation of <i>Dioscorea zingibensis</i> C. H. Wright. <i>Process Biochemistry</i> , 2010, 45, 752-756.	1.8	62
25	Aqueous two-phase extraction of 2,3-butanediol from fermentation broths using an ethanol/phosphate system. <i>Process Biochemistry</i> , 2009, 44, 112-117.	1.8	117