Xu-wei Long

List of Publications by Year
in descending order

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Version: 2024-02-01

28	856	430754	501076
papers	citations	18	28
		h-index	g-index

28	28	28	949
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemiluminescent Ion-Channeling Framework for Membrane Binding and Transmembrane Activity Assays. Analytical Chemistry, 2022, 94, 2154-2162.	3.2	4
2	Enhanced surfactin fermentation via advanced repeated fed-batch fermentation with increased cell density stimulated by EDTAâ€“Fe (II). Food and Bioproducts Processing, 2021, 127, 288-294.	1.8	12
3	Efficient Preparation of Sophorolipids and Functionalization with Amino Acids to Furnish Potent Preservatives. Journal of Agricultural and Food Chemistry, 2021, 69, 9608-9615.	2.4	12
4	Extremely high-performance production of rhamnolipids by advanced sequential fed-batch fermentation with high cell density. Journal of Cleaner Production, 2021, 326, 129382.	4.6	12
5	Application of biosurfactant surfactin as a pH-switchable biodemulsifier for efficient oil recovery from waste crude oil. Chemosphere, 2020, 240, 124946.	4.2	46
6	Recent progress towards industrial rhamnolipids fermentation: Process optimization and foam control. Bioresource Technology, 2020, 298, 122394.	4.8	79
7	Biomass rhamnolipid modified poly(vinylidene fluoride) membrane with significantly improved surface hydrophilicity and enhanced antifouling performance. Chemical Engineering Science, 2020, 212, 115330.	1.9	11
8	Cells with Higher Cortical Membrane Tension Are More Sensitive to Lysis by Biosurfactant Di-rhamnolipids. ACS Biomaterials Science and Engineering, 2020, 6, 352-357.	2.6	4
9	Recent progress and trends in the analysis and identification of rhamnolipids. Applied Microbiology and Biotechnology, 2020, 104, 8171-8186.	1.7	23
10	Efficient purification of sophorolipids via chemical modifications coupled with extractions and their potential applications as antibacterial agents. Separation and Purification Technology, 2020, 245, 116897.	3.9	22
11	Extraction Separation of Rhamnolipids by n â€Hexane via Forming Reverse Micelles. Journal of Surfactants and Detergents, 2020, 23, 883.	1.0	5
12	Isolation and purification of biosurfactant mannosylerythritol lipids from fermentation broth with methanol/water/n-hexane. Separation and Purification Technology, 2019, 219, 1-8.	3.9	26
13	Highâ€Performance Production of Biosurfactant Rhamnolipid with Nitrogen Feeding. Journal of Surfactants and Detergents, 2019, 22, 395-402.	1.0	17
14	The Parkinson's diseaseâ€“associated mutation N1437H impairs conformational dynamics in the G domain of LRRK2. FASEB Journal, 2019, 33, 4814-4823.	0.2	18
15	Multi-functional magnetic water purifier for disinfection and removal of dyes and metal ions with superior reusability. Journal of Hazardous Materials, 2018, 347, 160-167.	6.5	52
16	Biosurfactant surfactin with pH-regulated emulsification activity for efficient oil separation when used as emulsifier. Bioresource Technology, 2017, 241, 200-206.	4.8	86
17	Toward high-efficiency production of biosurfactant rhamnolipids using sequential fed-batch fermentation based on a fill-and-draw strategy. Colloids and Surfaces B: Biointerfaces, 2017, 157, 317-324.	2.5	38
18	Enhanced rhamnolipids production via efficient foam-control using stop valve as a foam breaker. Bioresource Technology, 2017, 224, 536-543.	4.8	22

#	Article	IF	Citations
19	Foliar penetration enhanced by biosurfactant rhamnolipid. Colloids and Surfaces B: Biointerfaces, 2016, 145, 548-554.	2.5	38
20	Mechanism Study on the Severe Foaming of Rhamnolipid in Fermentation. Journal of Surfactants and Detergents, 2016, 19, 833-840.	1.0	30
21	A submerged membrane bioreactor with pendulum type oscillation (PTO) for oily wastewater treatment: Membrane permeability and fouling control. Bioresource Technology, 2015, 183, 33-41.	4.8	33
22	Application of biosurfactant rhamnolipid for cleaning of UF membranes. Journal of Membrane Science, 2014, 457, 113-119.	4.1	28
23	Rhamnolipids elicit the same cytotoxic sensitivity between cancer cell and normal cell by reducing surface tension of culture medium. Applied Microbiology and Biotechnology, 2014, 98, 10187-10196.	1.7	39
24	Application of rhamnolipid as a novel biodemulsifier for destabilizing waste crude oil. Bioresource Technology, 2013, 131, 1-5.	4.8	94
25	Rhamnolipids enhance epithelial permeability in Caco-2 monolayers. International Journal of Pharmaceutics, 2013, 446, 130-135.	2.6	31
26	Dewatering of floated oily sludge by treatment with rhamnolipid. Water Research, 2013, 47, 4303-4311.	5.3	33
27	Two-step ultrafiltration of rhamnolipids using PSU-g-PEG membrane. Journal of Membrane Science, 2012, 409-410, 105-112.	4.1	27
28	Biotreatment of oily wastewater by rhamnolipids in aerated active sludge system. Journal of Zhejiang University: Science B, 2009, 10, 852-859.	1.3	14