

Xiaomiao Tan

List of Publications by Year in descending order

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31
papers

482
citations

686830

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all docs

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times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties of interpenetrating polymer network hydrogels based on hybrid ionically and covalently crosslinked networks. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2504-2513.	1.3	70
2	Enhanced crystallinity and thermal properties of cellulose from rice husk using acid hydrolysis treatment. <i>Carbohydrate Polymers</i> , 2021, 260, 117789.	5.1	64
3	Reduction of Methane Released from Palm Oil Mill Lagoon in Malaysia and Its Countermeasures. Mitigation and Adaptation Strategies for Global Change, 2003, 8, 237-252.	1.0	38
4	Effects of Single Food Components on Freeze Concentration by Freezing and Thawing Technique. <i>Japan Journal of Food Engineering</i> , 2003, 4, 77-83.	0.1	34
5	A Review on the Modified Atmosphere Preservation of Fruits and Vegetables with Cutting-Edge Technologies. <i>Agriculture (Switzerland)</i> , 2021, 11, 992.	1.4	30
6	Growth promotion of <i>Euglena gracilis</i> by ferulic acid from rice bran. <i>AMB Express</i> , 2018, 8, 16.	1.4	24
7	Continuous Production of Organic Acids from Palm Oil Mill Effluent with Sludge Recycle by the Freezing-Thawing Method. <i>Journal of Chemical Engineering of Japan</i> , 2003, 36, 707-710.	0.3	23
8	Organic Thin Paper of Cellulose Nanofiber/Polyaniline Doped with ($\Delta\pm$)-10-Camphorsulfonic Acid Nanohybrid and Its Application to Electromagnetic Shielding. <i>ACS Omega</i> , 2019, 4, 9446-9452.	1.6	23
9	Innovative conversion of food waste into biofuel in integrated waste management system. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3453-3492.	6.6	18
10	Production of L(+)-Lactic Acid from Mixed Acid and Alkali Hydrolysate of Brown Seaweed. <i>Food Science and Technology Research</i> , 2011, 17, 155-160.	0.3	16
11	Enhancement of biomass yield and lipid accumulation of freshwater microalga <i>Euglena gracilis</i> by phenolic compounds from basic structures of lignin. <i>Bioresource Technology</i> , 2021, 321, 124441.	4.8	15
12	Effect of Sodium Chloride on Freeze Concentration of Food Components by Freezing and Thawing Technique. <i>Japan Journal of Food Engineering</i> , 2004, 5, 97-103.	0.1	14
13	Chitosan nanofibers fabricated by combined ultrasonic atomization and freeze casting. <i>Carbohydrate Polymers</i> , 2015, 122, 18-25.	5.1	14
14	Effect of Air Nanobubble Water on the Growth and Metabolism of <i>Haematococcus lacustris</i> and <i>Botryococcus braunii</i> . <i>Journal of Nutritional Science and Vitaminology</i> , 2019, 65, S212-S216.	0.2	12
15	Finding of phytase: Understanding growth promotion mechanism of phytic acid to freshwater microalga <i>Euglena gracilis</i> . <i>Bioresource Technology</i> , 2020, 296, 122343.	4.8	10
16	Effect of two lignocellulose related sugar alcohols on the growth and metabolites biosynthesis of <i>Euglena gracilis</i> . <i>Bioresource Technology</i> , 2020, 303, 122950.	4.8	10
17	Freezing and Thawing Technique for the Removal of Suspended Solids and Concentration of Palm Oil Mill Effluent (POME).. <i>Journal of Chemical Engineering of Japan</i> , 2002, 35, 1017-1019.	0.3	9
18	Phytic Acid Extracted from Rice Bran as a Growth Promoter for <i>Euglena gracilis</i> . <i>Open Chemistry</i> , 2019, 17, 57-63.	1.0	9

#	ARTICLE	IF	CITATIONS
19	Growth promotion of Spirulina by steelmaking slag: application of solubility diagram to understand its mechanism. <i>AMB Express</i> , 2016, 6, 96.	1.4	7
20	Repeated-batch Ethanol Fermentation of Kitchen Refuse by Acid-tolerant Flocculating Yeast Under the Non-sterilized Condition. <i>Japan Journal of Food Engineering</i> , 2007, 8, 275-280.	0.1	6
21	Growth Promotion Effect of Alginate Oligosaccharides on <i>Spirulina</i> Analyzed by Repeated Batch Culture. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2017, 96, 352-356.	0.2	6
22	Kitchen Refuse: a Novel Substrate for L (+) -Lactic Acid Production by <i>Rhizopus oryzae</i> in Submerged Fermentation. <i>Japan Journal of Food Engineering</i> , 2005, 6, 45-52.	0.1	6
23	Preferential Substrate Utilization by <i>Propionibacterium shermanii</i> in Kitchen Refuse Medium. <i>Japan Journal of Food Engineering</i> , 2005, 6, 37-44.	0.1	5
24	Mechanical characterisation of lignocellulosic fibres using toy bricks tensile tester. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 97, 58-64.	1.5	4
25	Enhancement of Growth and Lipid Production of <i>Botryococcus braunii</i> by Steel Slags. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2017, 96, 372-375.	0.2	4
26	Effect of phytochemical vanillic acid on the growth and lipid accumulation of freshwater microalga <i>Euglena gracilis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 217.	1.7	4
27	Harvesting of <i>Arthrospira platensis</i> by flocculation with phytic acid from rice bran. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 1736-1744.	0.6	2
28	Enhancement of Lactic Acid Production from Kitchen Refuse by <i>Rhizopus oryzae</i> KPS 106 Immobilized on Loofa Sponge. <i>Japan Journal of Food Engineering</i> , 2005, 6, 121-131.	0.1	2
29	Sodium Succinate Recovery and Purification from Kitchen-refuse Fermentation Broth by Salting-out Precipitation Using Antisolvent. <i>Japan Journal of Food Engineering</i> , 2005, 6, 279-287.	0.1	2
30	Removal of Suspended Solid from Kitchen Garbage Saccharification Solution by Freezing and Thawing Technique. <i>Japan Journal of Food Engineering</i> , 2009, 10, 63-68.	0.1	1
31	Polysaccharide Nanofibers Fabricated by Combined Ultrasonic Atomization and Freeze Casting. <i>Kobunshi Ronbunshu</i> , 2016, 73, 233-237.	0.2	0