

Jian Dong

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

309
citations

932766

10
h-index

887659

17
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all docs

29
docs citations

29
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	High entropy Sr($Zr_{0.94}Y_{0.06}$) $_{0.2}Sn_{0.2}Ti_{0.2}Hf_{0.2}Mn_{0.2}$ perovskite synthesis by reactive spark plasma sintering. Journal of Asian Ceramic Societies, 2019, 7, 127-132.	1.0	48
2	Identifying key factors of the seawater intrusion model of Dagu river basin, Jiaozhou Bay. Environmental Research, 2018, 165, 425-430.	3.7	28
3	Construction of recombinant industrial brewer's yeast with lower diacetyl production and proteinase A activity. European Food Research and Technology, 2012, 235, 951-961.	1.6	27
4	Improvement of sludge characteristics and mitigation of membrane fouling in the treatment of pesticide wastewater by electrochemical anaerobic membrane bioreactor. Water Research, 2022, 213, 118153.	5.3	22
5	Effects of overexpression of the alcohol acetyltransferase-encoding gene <i>ATF1</i> and disruption of the esterase-encoding gene <i>IAH1</i> on the flavour profiles of Chinese yellow rice wine. International Journal of Food Science and Technology, 2012, 47, 2590-2596.	1.3	19
6	Improving freeze-tolerance of baker's yeast through seamless gene deletion of <i>NTH1</i> and <i>PUT1</i> . Journal of Industrial Microbiology and Biotechnology, 2016, 43, 817-828.	1.4	19
7	Numerical Study for a Large-Volume Droplet on the Dual-Rough Surface: Apparent Contact Angle, Contact Angle Hysteresis, and Transition Barrier. Langmuir, 2018, 34, 8119-8127.	1.6	16
8	Saccharomyces cerevisiae proteinase A excretion and wine making. World Journal of Microbiology and Biotechnology, 2017, 33, 210.	1.7	14
9	A two-step integration method for seamless gene deletion in baker's yeast. Analytical Biochemistry, 2013, 439, 30-36.	1.1	12
10	Numerical Calculation Method of Apparent Contact Angles on Heterogeneous Double-Roughness Surfaces. Langmuir, 2017, 33, 10411-10418.	1.6	12
11	Nanogrooved Micro-Groove Architectures for Continuous Dropwise Condensation and Droplet Directional Movement. Advanced Materials Interfaces, 2018, 5, 1800202.	1.9	12
12	Modulating acetate ester and higher alcohol production in <i>Saccharomyces cerevisiae</i> through the cofactor engineering. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 1003-1011.	1.4	11
13	Monolithic-integrated piezoresistive MEMS accelerometer pressure sensor with glass-silicon-glass sandwich structure. Microsystem Technologies, 2017, 23, 1563-1574.	1.2	10
14	Spark Plasma Sintering of LiFePO ₄ : AC Field Suppressing Lithium Migration. Materials, 2021, 14, 2826.	1.3	8
15	Enhanced acetate ester production of Chinese liquor yeast by overexpressing <i>ATF1</i> through precise and seamless insertion of <i>PGK1</i> promoter. Journal of Industrial Microbiology and Biotechnology, 2014, 41, 1823-1828.	1.4	7
16	Athermal electric field effects in flash sintered zirconia. Advances in Applied Ceramics, 2021, 120, 193-201.	0.6	7
17	Optimizing anaerobic technology by using electrochemistry and membrane module for treating pesticide wastewater: Chemical oxygen demand components and fractions distribution, membrane fouling, effluent toxicity and economic analysis. Bioresource Technology, 2022, 346, 126608.	4.8	7
18	Magnetic Field Generated during Electric Current-Assisted Sintering: From Health and Safety Issues to Lorentz Force Effects. Metals, 2020, 10, 1653.	1.0	6

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19	Gradual enhancement of ethyl acetate production through promoter engineering in chinese liquor yeast strains. <i>Biotechnology Progress</i> , 2018, 34, 328-336.	1.3	5
20	Increased Acetate Ester Production of Polyploid Industrial Brewer's Yeast Strains via Precise and Seamless "Self-cloning" Integration Strategy. <i>Iranian Journal of Biotechnology</i> , 2019, 17, 38-45.	0.3	5
21	Flash sintering of zircon: rapid consolidation of an ultrahigh bandgap ceramic. <i>Journal of Asian Ceramic Societies</i> , 2021, 9, 374-381.	1.0	3
22	Removal of azimsulfuron and zoxamide using a tapered variable diameter biological fluidized bed combined with electrochemistry: Mass fraction division, energy metabolism activity and carbon emissions. <i>Bioresource Technology</i> , 2022, 346, 126518.	4.8	3
23	Construction of industrial baker's yeast with high level of cAMP. <i>Journal of Food Biochemistry</i> , 2019, 43, e12846.	1.2	2
24	Flash cold sintering of Nb2O5: polarity and electrolyte effects. <i>Journal of Asian Ceramic Societies</i> , 0, , 1-6.	1.0	2
25	Semi-analytical model for the heat conduction resistance of a single spherical condensate droplet. <i>International Journal of Heat and Mass Transfer</i> , 2022, 185, 122419.	2.5	2
26	Construction of self-cloning industrial brewer's yeast with SOD1 gene insertion into PEP4 prosequence locus by homologous recombination. <i>Journal of the Institute of Brewing</i> , 2016, 122, 322-328.	0.8	1
27	Which Is the Motion State of a Droplet on an Inclined Hydrophilic Rough Surface in Gravity: Pinned or Sliding?. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3734.	1.3	1
28	An Optimization Model for Human-Object Interaction Detection Inspired by Multi-features. , 2019, , .		0
29	Stabilization of discrete time stochastic linear systems with time delay via event-triggered control. , 2021, , .		0