Jian Dong

List of Publications by Citations

27 papers	193 citations	9 h-index	13 g-index
29 ext. papers	241 ext. citations	4.2 avg, IF	2.83 L-index

#	Paper	IF	Citations
27	High entropy Sr((Zr0.94Y0.06)0.2Sn0.2Ti0.2Hf0.2Mn0.2)O3− perovskite synthesis by reactive spark plasma sintering. *Journal of Asian Ceramic Societies*, **2019**, 7, 127-132	2.4	29
26	Construction of recombinant industrial brewer yeast with lower diacetyl production and proteinase A activity. *European Food Research and Technology*, **2012**, 235, 951-961	3.4	27
25	Identifying key factors of the seawater intrusion model of Dagu river basin, Jiaozhou Bay. *Environmental Research*, **2018**, 165, 425-430	7.9	20
24	Effects of overexpression of the alcohol acetyltransferase-encoding gene ATF1 and disruption of the esterase-encoding gene IAH1 on the flavour profiles of Chinese yellow rice wine. *International Journal of Food Science and Technology*, **2012**, 47, 2590-2596	3.8	16
23	Improving freeze-tolerance of baker's yeast through seamless gene deletion of NTH1 and PUT1. *Journal of Industrial Microbiology and Biotechnology*, **2016**, 43, 817-28	4.2	12
22	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	4	12
21	Numerical Calculation Method of Apparent Contact Angles on Heterogeneous Double-Roughness Surfaces. *Langmuir*, **2017**, 33, 10411-10418	4	12
20	A two-step integration method for seamless gene deletion in baker's yeast. *Analytical Biochemistry*, **2013**, 439, 30-6	3.1	9
19	Saccharomyces cerevisiae proteinase A excretion and wine making. *World Journal of Microbiology and Biotechnology*, **2017**, 33, 210	4.4	9
18	Monolithic-integrated piezoresistive MEMS accelerometer pressure sensor with glass-silicon-glass sandwich structure. *Microsystem Technologies*, **2017**, 23, 1563-1574	1.7	7
17	Nanograssed Micro-V-Groove Architectures for Continuous Dropwise Condensation and Droplet Directional Movement. *Advanced Materials Interfaces*, **2018**, 5, 1800202	4.6	7
16	Enhanced acetate ester production of Chinese liquor yeast by overexpressing ATF1 through precise and seamless insertion of PGK1 promoter. *Journal of Industrial Microbiology and Biotechnology*, **2014**, 41, 1823-8	4.2	7
15	Modulating acetate ester and higher alcohol production in Saccharomyces cerevisiae through the cofactor engineering. *Journal of Industrial Microbiology and Biotechnology*, **2019**, 46, 1003-1011	4.2	5
14	Gradual enhancement of ethyl acetate production through promoter engineering in chinese liquor yeast strains. *Biotechnology Progress*, **2018**, 34, 328-336	2.8	4
13	Magnetic Field Generated during Electric Current-Assisted Sintering: From Health and Safety Issues to Lorentz Force Effects. *Metals*, **2020**, 10, 1653	2.3	4
12	Increased Acetate Ester Production of Polyploid Industrial Brewer's Yeast Strains via Precise and Seamless "Self-cloning" Integration Strategy. *Iranian Journal of Biotechnology*, **2019**, 17, e1990	1	3
11	Spark Plasma Sintering of LiFePO: AC Field Suppressing Lithium Migration. *Materials*, **2021**, 14,	3.5	3

10	Construction of industrial baker's yeast with high level of cAMP. *Journal of Food Biochemistry*, **2019**, 43, e12846	3.3	2
9	Athermal electric field effects in flash sintered zirconia. *Advances in Applied Ceramics*, **2021**, 120, 193-201	2.3	2
8	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.. *Bioresource Technology*, **2021**, 346, 126518	11	1
7	Construction of self-cloning industrial brewer's yeast with SOD1 gene insertion into PEP4 prosequence locus by homologous recombination. *Journal of the Institute of Brewing*, **2016**, 122, 322-328	2	1
6	Flash sintering of zircon: rapid consolidation of an ultrahigh bandgap ceramic. *Journal of Asian Ceramic Societies*, **2021**, 9, 374-381	2.4	1
5	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	12.5	0
4	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*, **2021**, 346, 126608	11	0
3	Which Is the Motion State of a Droplet on an Inclined Hydrophilic Rough Surface in Gravity: Pinned or Sliding?. *Applied Sciences (Switzerland)*, **2021**, 11, 3734	2.6	0
2	Flash cold sintering of Nb2O5: polarity and electrolyte effects. *Journal of Asian Ceramic Societies*,1-6	2.4	0
1	Semi-analytical model for the heat conduction resistance of a single spherical condensate droplet. *International Journal of Heat and Mass Transfer*, **2022**, 185, 122419	4.9	