

Chenggang Xu

List of Publications by Year in descending order

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15
papers

262
citations

1163117

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h-index

1199594

12
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15
all docs

15
docs citations

15
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors influencing cellulosome activity in Consolidated Bioprocessing of cellulosic ethanol. <i>Bioresource Technology</i> , 2010, 101, 9560-9569.	9.6	54
2	Structure and regulation of the cellulose degradome in <i>Clostridium cellulolyticum</i> . <i>Biotechnology for Biofuels</i> , 2013, 6, 73.	6.2	49
3	Cellulosome stoichiometry in <i>Clostridium cellulolyticum</i> is regulated by selective RNA processing and stabilization. <i>Nature Communications</i> , 2015, 6, 6900.	12.8	43
4	Flavin mononucleotide (FMN)-based fluorescent protein (FbFP) as reporter for promoter screening in <i>Clostridium cellulolyticum</i> . <i>Journal of Microbiological Methods</i> , 2015, 119, 37-43.	1.6	26
5	Secretomic analyses of <i>Ruminiclostridium papyrosolvans</i> reveal its enzymatic basis for lignocellulose degradation. <i>Biotechnology for Biofuels</i> , 2019, 12, 183.	6.2	24
6	Improvement of Clostron for successive gene disruption in <i>Clostridium cellulolyticum</i> using a pyrF-based screening system. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 313-323.	3.6	21
7	microRNA-34 family: From mechanism to potential applications. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 144, 106168.	2.8	17
8	Synergy of Cellulase Systems between <i>Acetivibrio thermocellus</i> and <i>Thermoclostridium stercorarium</i> in Consolidated-Bioprocessing for Cellulosic Ethanol. <i>Microorganisms</i> , 2022, 10, 502.	3.6	10
9	Function analysis of 5'UTR of the cellulosomal xyl-doc cluster in <i>Clostridium papyrosolvans</i> . <i>Biotechnology for Biofuels</i> , 2018, 11, 43.	6.2	9
10	Development of fluorescence-based nucleic acid blot hybridization method using Cy5.5 labeled DNA probes. <i>Journal of Microbiological Methods</i> , 2022, 197, 106479.	1.6	5
11	Internal Transcription Terminators Control Stoichiometry of ABC Transporters in Cellulolytic Clostridia. <i>Microbiology Spectrum</i> , 2022, , e0165621.	3.0	3
12	Screening and application of inducible promoters in <i>Ruminiclostridium papyrosolvans</i> . <i>Letters in Applied Microbiology</i> , 2020, 71, 428-436.	2.2	1
13	Insect-resistant Mechanism of Recombinant Baculovirus AcMNPV-PK2-EGFP against <i>Spodoptera exigua</i> Larvae. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 638-645.	2.6	0
14	Predicting Selective RNA Processing and Stabilization Operons in <i>Clostridium</i> spp.. <i>Frontiers in Microbiology</i> , 2021, 12, 673349.	3.5	0
15	Development of an in vivo methylation system for transformation of <i>Ruminiclostridium cellulolyticum</i> . <i>Journal of Applied Microbiology</i> , 2021, , .	3.1	0