

Ganesh Irisappan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

341
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

504
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Production of Malic Acid by Co-localization of Phosphoenolpyruvate Carboxylase and Malate Dehydrogenase Using Synthetic Protein Scaffold in Escherichia coli. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 39-44.	2.6	15
2	Engineering of Recombinant Escherichia coli towards Methanol Sensing Using Methylobacterium extroquens Two-component Systems. <i>Microbiology and Biotechnology Letters</i> , 2020, 48, 24-31.	0.4	1
3	Engineering Escherichia coli to Sense Non-native Environmental Stimuli: Synthetic Chimera Two-component Systems. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 12-22.	2.6	13
4	Engineering chimeric two-component system into Escherichia coli from Paracoccus denitrificans to sense methanol. <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 225-230.	2.6	22
5	Construction of Methanol-Sensing Escherichia coli by the Introduction of a Paracoccus denitrificans MxaY-Based Chimeric Two-Component System. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 1106-1111.	2.1	20
6	An integrated microfluidic PCR system with immunomagnetic nanoparticles for the detection of bacterial pathogens. <i>Biomedical Microdevices</i> , 2016, 18, 116.	2.8	30
7	Engineering a chimeric malate two-component system by introducing a positive feedback loop in Escherichia coli. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 972-975.	2.7	0
8	Engineering Escherichia coli to sense acidic amino acids by introduction of a chimeric two-component system. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 2073-2077.	2.7	7
9	Modification of the dynamic nature of the chimeric fumarate two-component system in Escherichia coli via positive feedback loop. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 844-848.	2.6	1
10	Construction of a high efficiency copper adsorption bacterial system via peptide display and its application on copper dye polluted wastewater. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 2077-2084.	3.4	20
11	Evaluation of zraP gene expression characteristics and construction of a lead (Pb) sensing and removal system in a recombinant Escherichia coli. <i>Biotechnology Letters</i> , 2015, 37, 659-664.	2.2	26
12	Construction of malate-sensing Escherichia coli by introduction of a novel chimeric two-component system. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 797-804.	3.4	31
13	Effects of stress hormone cortisol on the mRNA expression of myogenenin, MyoD, Myf5, PAX3 and PAX7. <i>Cytotechnology</i> , 2014, 66, 839-844.	1.6	6
14	Expression characteristics of the maeA and maeB genes by extracellular malate and pyruvate in Escherichia coli. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 1443-1447.	2.7	3
15	Engineered fumarate sensing Escherichia coli based on novel chimeric two-component system. <i>Journal of Biotechnology</i> , 2013, 168, 560-566.	3.8	38
16	Metabolically engineered Escherichia coli as a tool for the production of bioenergy and biochemicals from glycerol. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 671-678.	2.6	23
17	Construction of a bacterial biosensor for zinc and copper and its application to the development of multifunctional heavy metal adsorption bacteria. <i>Process Biochemistry</i> , 2012, 47, 758-765.	3.7	85