

W Brian Whitaker

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

614
citations

1039880

9
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of heterologous non-oxidative pentose phosphate pathway from <i>Bacillus methanolicus</i> and phosphoglucose isomerase deletion improves methanol assimilation and metabolite production by a synthetic <i>Escherichia coli</i> methylotroph. <i>Metabolic Engineering</i> , 2018, 45, 75-85.	3.6	74
2	Engineering the biological conversion of methanol to specialty chemicals in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2017, 39, 49-59.	3.6	137
3	Scaffoldless engineered enzyme assembly for enhanced methanol utilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12691-12696.	3.3	93
4	Post-Genomic Analysis of Members of the Family <i>Vibrionaceae</i> . <i>Microbiology Spectrum</i> , 2015, 3, .	1.2	26
5	High-Salt Preadaptation of <i>Vibrio parahaemolyticus</i> Enhances Survival in Response to Lethal Environmental Stresses. <i>Journal of Food Protection</i> , 2014, 77, 246-253.	0.8	36
6	Loss of Sigma Factor RpoN Increases Intestinal Colonization of <i>Vibrio parahaemolyticus</i> in an Adult Mouse Model. <i>Infection and Immunity</i> , 2014, 82, 544-556.	1.0	42
7	Alternative Sigma Factor RpoE Is Important for <i>Vibrio parahaemolyticus</i> Cell Envelope Stress Response and Intestinal Colonization. <i>Infection and Immunity</i> , 2014, 82, 3667-3677.	1.0	44
8	Sequence and expression divergence of an ancient duplication of the chaperonin groESEL operon in <i>Vibrio</i> species. <i>Microbiology (United Kingdom)</i> , 2014, 160, 1953-1963.	0.7	3
9	The <i>Vibrio parahaemolyticus</i> ToxRS Regulator Is Required for Stress Tolerance and Colonization in a Novel Orogastric Streptomycin-Induced Adult Murine Model. <i>Infection and Immunity</i> , 2012, 80, 1834-1845.	1.0	80
10	Modulation of Responses of <i>Vibrio parahaemolyticus</i> O3:K6 to pH and Temperature Stresses by Growth at Different Salt Concentrations. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4720-4729.	1.4	79