Kyu-Ho Lee

List of Publications by Year
in descending order

42 papers	1,415 citations	331670 21 h-index	330143 37 g-index
42 all docs	42 docs citations	42 times ranked	1243 citing authors

#	Article	IF	Citations
1	Transition of Dephospho-DctD to the Transcriptionally Active State via Interaction with Dephospho-IIA ^{Glc}. MBio, 2022, 13, e0383921.	4.1	2
2	Role of DegQ in differential stability of flagellin subunits in Vibrio vulnificus. Npj Biofilms and Microbiomes, 2021, 7, 32.	6.4	5
3	Transcription activation of two clusters for exopolysaccharide biosynthesis by phosphorylated DctD in Vibrio vulnificus. Environmental Microbiology, 2021, 23, 5364-5377.	3.8	1
4	Vibrio vulnificus induces the death of a major bacterial species in the mouse gut via cyclo-Phe-Pro. Microbiome, 2021, 9, 161.	11.1	4
5	Role of Flagellin-Homologous Proteins in Biofilm Formation by Pathogenic Vibrio Species. MBio, 2019, 10, .	4.1	24
6	Multi-Factor Regulation of the Master Modulator LeuO for the Cyclic-(Phe-Pro) Signaling Pathway in Vibrio vulnificus. Scientific Reports, 2019, 9, 20135.	3.3	11
7	Repression of VvpM Protease Expression by Quorum Sensing and the cAMP-cAMP Receptor Protein Complex in Vibrio vulnificus. Journal of Bacteriology, 2018, 200, .	2.2	3
8	Role of Heat Shock Proteases in Quorum-Sensing-Mediated Regulation of Biofilm Formation by Vibrio Species. MBio, 2018, 9, .	4.1	23
9	Cyclo-(l -Phe- l -Pro), a Quorum-Sensing Signal of Vibrio vulnificus, Induces Expression of Hydroperoxidase through a ToxR-LeuO-HU-RpoS Signaling Pathway To Confer Resistance against Oxidative Stress. Infection and Immunity, 2018, 86, .	2.2	18
10	A Vibrio vulnificus VvpM Induces IL-1Î² Production Coupled with Necrotic Macrophage Death via Distinct Spatial Targeting by ANXA2. Frontiers in Cellular and Infection Microbiology, 2017, 7, 352.	3.9	16
11	Deacylated lipopolysaccharides inhibit biofilm formation by Gram-negative bacteria. Biofouling, 2016, 32, 711-723.	2.2	18
12	Role of AcsR in expression of the acetyl-CoA synthetase gene in Vibrio vulnificus. BMC Microbiology, 2015, 15, 86.	3.3	5
13	Stationaryâ€phase induction of <scp>vvpS</scp> expression by three transcription factors: repression by <scp>LeuO</scp> and activation by <scp>SmcR</scp> and <scp>CRP</scp>. Molecular Microbiology, 2015, 97, 330-346.	2.5	12
14	VvpM Induces Human Cell Death via Multifarious Modes Including Necroptosis and Autophagy. Journal of Microbiology and Biotechnology, 2015, 25, 302-306.	2.1	6
15	VvpM, an extracellular metalloprotease of Vibrio vulnificus, induces apoptotic death of human cells. Journal of Microbiology, 2014, 52, 1036-1043.	2.8	19
16	Characterization of Microtubule-Binding and Dimerization Activity of Giardia lamblia End-Binding 1 Protein. PLoS ONE, 2014, 9, e97850.	2.5	10
17	Role of capsular polysaccharide (<scp>CPS</scp>) in biofilm formation and regulation of <scp>CPS</scp> production by quorumâ€sensing in <scp>V</scp>ibrio vulnificus. Molecular Microbiology, 2013, 90, 841-857.	2.5	68
18	Regulation of haemolysin (<scp>VvhA</scp>) production by ferric uptake regulator (<scp>Fur</scp>) in <scp>V</scp>ibrio vulnificus: repression of vvhA transcription by <scp>Fur</scp> and proteolysis of <scp>VvhA</scp> by <scp>Fur</scp>â€repressive exoproteases. Molecular Microbiology, 2013, 88, 813-826.	2.5	33

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19	The Fur-Iron Complex Modulates Expression of the Quorum-Sensing Master Regulator, SmcR, To Control Expression of Virulence Factors in Vibrio vulnificus. Infection and Immunity, 2013, 81, 2888-2898.	2.2	44
20	Identification of the Fur-Binding Site in Regulatory Region of the Vulnibactin-Receptor Gene in Vibrio vulnificus. Journal of Microbiology and Biotechnology, 2012, 22, 46-49.	2.1	5
21	FrsA functions as a cofactor-independent decarboxylase to control metabolic flux. Nature Chemical Biology, 2011, 7, 434-436.	8.0	20
22	Identification and Characterization of a Novel Serine Protease, VvpS, That Contains Two Functional Domains and Is Essential for Autolysis of Vibrio vulnificus. Journal of Bacteriology, 2011, 193, 3722-3732.	2.2	18
23	Functional Characterization of EpsC, a Component of the Type II Secretion System, in the Pathogenicity of Vibrio vulnificus. Infection and Immunity, 2011, 79, 4068-4080.	2.2	16
24	Complete Genome Sequence of Vibrio vulnificus MO6-24/O. Journal of Bacteriology, 2011, 193, 2062-2063.	2.2	59
25	Functional Characterization of the IlpA Protein of Vibrio vulnificus as an Adhesin and Its Role in Bacterial Pathogenesis. Infection and Immunity, 2010, 78, 2408-2417.	2.2	44
26	Vibrio vulnificus-induced Cell Death of Human Mononuclear Cells Requires ROS-dependent Activation of p38 and ERK 1/2 MAPKs. Immunological Investigations, 2009, 38, 31-48.	2.0	9
27	Expression of the cpdA Gene, Encoding a 3â€²,5â€²-Cyclic AMP (cAMP) Phosphodiesterase, Is Positively Regulated by the cAMP-cAMP Receptor Protein Complex. Journal of Bacteriology, 2009, 191, 922-930.	2.2	27
28	Role of NtrCâ€regulated exopolysaccharides in the biofilm formation and pathogenic interaction of Vibrio vulnificus. Molecular Microbiology, 2009, 74, 436-453.	2.5	63
29	Vibrio vulnificus-induced death of Jurkat T-cells requires activation of p38 mitogen-activated protein kinase by NADPH oxidase-derived reactive oxygen species. Cellular Immunology, 2008, 253, 81-91.	3.0	13
30	Vibrio vulnificus rpoS Expression Is Repressed by Direct Binding of cAMP-cAMP Receptor Protein Complex to Its Two Promoter Regions. Journal of Biological Chemistry, 2008, 283, 30438-30450.	3.4	21
31	Vibrio vulnificus IlpA-induced Cytokine Production Is Mediated by Toll-like Receptor 2. Journal of Biological Chemistry, 2007, 282, 27647-27658.	3.4	29
32	Positive Regulation of fur Gene Expression via Direct Interaction of Fur in a Pathogenic Bacterium, Vibrio vulnificus. Journal of Bacteriology, 2007, 189, 2629-2636.	2.2	48
33	Role of NtrC in biofilm formation via controlling expression of the gene encoding an ADP-glycero-manno-heptose-6-epimerase in the pathogenic bacterium,Vibrio vulnificus. Molecular Microbiology, 2007, 63, 559-574.	2.5	48
34	Identification of OmpU of Vibrio vulnificus as a Fibronectin-Binding Protein and Its Role in Bacterial Pathogenesis. Infection and Immunity, 2006, 74, 5586-5594.	2.2	103
35	Cyclo(Phe-Pro) Modulates the Expression of ompU in Vibrio spp. Journal of Bacteriology, 2006, 188, 2214-2221.	2.2	100
36	Transcriptional Regulatory Cascade for Elastase Production in Vibrio vulnificus. Journal of Biological Chemistry, 2006, 281, 34775-34784.	3.4	43

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37	Isolation and Characterization of rpoS from a Pathogenic Bacterium, Vibrio vulnificus: Role of ÏƒS in Survival of Exponential-Phase Cells under Oxidative Stress. Journal of Bacteriology, 2004, 186, 3304-3312.	2.2	52
38	A novel continuous toxicity test system using a luminously modified freshwater bacterium. Biosensors and Bioelectronics, 2004, 20, 338-344.	10.1	61
39	Role of Flagellum and Motility in Pathogenesis of Vibrio vulnificus. Infection and Immunity, 2004, 72, 4905-4910.	2.2	128
40	Regulation of fur Expression by RpoS and Fur in Vibrio vulnificus. Journal of Bacteriology, 2003, 185, 5891-5896.	2.2	35
41	SmcR and Cyclic AMP Receptor Protein Coactivate Vibrio vulnificus vvpE Encoding Elastase through the RpoS-dependent Promoter in a Synergistic Manner. Journal of Biological Chemistry, 2003, 278, 45072-45081.	3.4	87
42	Differential Expression of Vibrio vulnificus Elastase Gene in a Growth Phase-dependent Manner by Two Different Types of Promoters. Journal of Biological Chemistry, 2001, 276, 13875-13880.	3.4	64