# Kyu-Ho Lee

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Role of Flagellum and Motility in Pathogenesis of Vibrio vulnificus. Infection and Immunity, 2004, 72, 4905-4910. | 2.2 | 128 |
| 2 | 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 |
| 3 | Cyclo(Phe-Pro) Modulates the Expression of ompU in Vibrio spp. Journal of Bacteriology, 2006, 188, 2214-2221. | 2.2 | 100 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Role of NtrCâ€regulated exopolysaccharides in the biofilm formation and pathogenic interaction of Vibrio vulnificus. Molecular Microbiology, 2009, 74, 436-453. | 2.5 | 63 |
| 8 | A novel continuous toxicity test system using a luminously modified freshwater bacterium. Biosensors and Bioelectronics, 2004, 20, 338-344. | 10.1 | 61 |
| 9 | Complete Genome Sequence of Vibrio vulnificus MO6-24/O. Journal of Bacteriology, 2011, 193, 2062-2063. | 2.2 | 59 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Transcriptional Regulatory Cascade for Elastase Production in Vibrio vulnificus. Journal of Biological Chemistry, 2006, 281, 34775-34784. | 3.4 | 43 |
| 16 | Regulation of fur Expression by RpoS and Fur in Vibrio vulnificus. Journal of Bacteriology, 2003, 185, 5891-5896. | 2.2 | 35 |
| 17 | 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 |
| 18 | Vibrio vulnificus IlpA-induced Cytokine Production Is Mediated by Toll-like Receptor 2. Journal of Biological Chemistry, 2007, 282, 27647-27658. | 3.4 | 29 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Role of Flagellin-Homologous Proteins in Biofilm Formation by Pathogenic Vibrio Species. MBio, 2019, 10, . | 4.1 | 24 |
| 21 | Role of Heat Shock Proteases in Quorum-Sensing-Mediated Regulation of Biofilm Formation by Vibrio Species. MBio, 2018, 9, . | 4.1 | 23 |
| 22 | 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 |
| 23 | FrsA functions as a cofactor-independent decarboxylase to control metabolic flux. Nature Chemical Biology, 2011, 7, 434-436. | 8.0 | 20 |
| 24 | VvpM, an extracellular metalloprotease of Vibrio vulnificus, induces apoptotic death of human cells. Journal of Microbiology, 2014, 52, 1036-1043. | 2.8 | 19 |
| 25 | 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 |
| 26 | Deacylated lipopolysaccharides inhibit biofilm formation by Gram-negative bacteria. Biofouling, 2016, 32, 711-723. | 2.2 | 18 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Characterization of Microtubule-Binding and Dimerization Activity of Giardia lamblia End-Binding 1 Protein. PLoS ONE, 2014, 9, e97850. | 2.5 | 10 |
| 34 | 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 |
| 35 | VvpM Induces Human Cell Death via Multifarious Modes Including Necroptosis and Autophagy. Journal of Microbiology and Biotechnology, 2015, 25, 302-306. | 2.1 | 6 |
| 36 | Role of AcsR in expression of the acetyl-CoA synthetase gene in Vibrio vulnificus. BMC Microbiology, 2015, 15, 86. | 3.3 | 5 |

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|---|---|---|---|
| 37 | Role of DegQ in differential stability of flagellin subunits in Vibrio vulnificus. Npj Biofilms and Microbiomes, 2021, 7, 32. | 6.4 | 5 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Transition of Dephospho-DctD to the Transcriptionally Active State via Interaction with Dephospho-IIA <sup>Glc</sup>. MBio, 2022, 13, e0383921. | 4.1 | 2 |
| 42 | Transcription activation of two clusters for exopolysaccharide biosynthesis by phosphorylated DctD in Vibrio vulnificus. Environmental Microbiology, 2021, 23, 5364-5377. | 3.8 | 1 |