# Jung-Ho Park

List of Publications by Year
in descending order



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|---|---|---|---|
| 34 papers | 1,269 citations | 623734 14 h-index | 434195 31 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 1567 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Protein Kinase B2 (PKB2/AKT2) Is Essential for Host Protection in CVB3-Induced Acute Viral Myocarditis. International Journal of Molecular Sciences, 2022, 23, 1489. | 4.1 | 4 |
| 2 | Labelâ€free proteomics approach reveals candidate proteins in rice (Oryza sativa L.) important for <scp>ACC</scp> deaminase producing bacteriaâ€mediated tolerance against salt stress. Environmental Microbiology, 2022, 24, 3612-3624. | 3.8 | 21 |
| 3 | The patterns of deleterious mutations during the domestication of soybean. Nature Communications, 2021, 12, 97. | 12.8 | 49 |
| 4 | Functional Characterization of the mazEF Toxin-Antitoxin System in the Pathogenic Bacterium Agrobacterium tumefaciens. Microorganisms, 2021, 9, 1107. | 3.6 | 3 |
| 5 | Natural hybridization between transgenic and wild soybean genotypes. Plant Biotechnology Reports, 2021, 15, 299-308. | 1.5 | 4 |
| 6 | Exposure to Oxy-Tetracycline Changes Gut Bacterial Community Composition in Rainbow Trout: A Preliminary Study. Animals, 2021, 11, 3404. | 2.3 | 6 |
| 7 | Chromosomal features revealed by comparison of genetic maps of Glycine max and Glycine soja. Genomics, 2020, 112, 1481-1489. | 2.9 | 8 |
| 8 | Engineered EscherichiaÂcoli strains as platforms for biological production of isoprene. FEBS Open Bio, 2020, 10, 780-788. | 2.3 | 7 |
| 9 | Development of novel on-line capillary gas chromatography-based analysis method for volatile organic compounds produced by aerobic fermentation. Journal of Bioscience and Bioengineering, 2019, 127, 121-127. | 2.2 | 4 |
| 10 | Specific elimination of coxsackievirus B3 infected cells with a protein engineered toxin-antitoxin system. Molecular and Cellular Toxicology, 2019, 15, 425-430. | 1.7 | 2 |
| 11 | Production of Bio-Based Isoprene by the Mevalonate Pathway Cassette in Ralstonia eutropha. Journal of Microbiology and Biotechnology, 2019, 29, 1656-1664. | 2.1 | 9 |
| 12 | Survival of Escherichia coli harboring nucleic acid-hydrolyzing 3D8 scFv during RNA virus infection. Regulatory Toxicology and Pharmacology, 2018, 94, 286-292. | 2.7 | 4 |
| 13 | Identification of MazF Homologue in <b><i>Legionella pneumophila</i></b> Which Cleaves RNA at the AACU Sequence. Journal of Molecular Microbiology and Biotechnology, 2018, 28, 269-280. | 1.0 | 4 |
| 14 | Functional Characterization of the C-Terminus of YhaV in the Escherichia coli PrlF-YhaV Toxin-Antitoxin System. Journal of Microbiology and Biotechnology, 2018, 28, 987-996. | 2.1 | 4 |
| 15 | Translationâ€dependent <scp>mRNA</scp> cleavage by YhaV in Escherichia coli. FEBS Letters, 2017, 591, 1853-1861. | 2.8 | 14 |
| 16 | Preferential use of minor codons in the translation initiation region of human genes. Human Genetics, 2017, 136, 67-74. | 3.8 | 6 |
| 17 | Comparative analysis of chemical compositions between non-transgenic soybean seeds and those from plants over-expressing AtJMT , the gene for jasmonic acid carboxyl methyltransferase. Food Chemistry, 2016, 196, 236-241. | 8.2 | 13 |
| 18 | Metabolomic changes in grains of wellâ€watered and droughtâ€stressed transgenic rice. Journal of the Science of Food and Agriculture, 2016, 96, 807-814. | 3.5 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Fructus Amomi Cardamomi Extract Inhibits Coxsackievirus-B3 Induced Myocarditis in a Murine Myocarditis Model. Journal of Microbiology and Biotechnology, 2016, 26, 2012-2018. | 2.1 | 12 |
| 20 | Drought stress-induced compositional changes in tolerant transgenic rice and its wild type. Food Chemistry, 2014, 153, 145-150. | 8.2 | 32 |
| 21 | ACAâ€šspecific RNA sequence recognition is acquired via the loop 2 region of MazF mRNA interferase. Proteins: Structure, Function and Bioinformatics, 2013, 81, 874-883. | 2.6 | 8 |
| 22 | Structural Basis of mRNA Recognition and Cleavage by Toxin MazF and Its Regulation by Antitoxin MazE in Bacillus subtilis. Molecular Cell, 2013, 52, 447-458. | 9.7 | 77 |
| 23 | Characterization of a mazEF Toxin-Antitoxin Homologue from Staphylococcus equorum. Journal of Bacteriology, 2013, 195, 115-125. | 2.2 | 33 |
| 24 | Transcriptional Repressor HipB Regulates the Multiple Promoters in <b><i>Escherichia coli</i></b>. Journal of Molecular Microbiology and Biotechnology, 2013, 23, 440-447. | 1.0 | 28 |
| 25 | Replacement of All Arginine Residues with Canavanine in MazF-bs mRNA Interferase Changes Its Specificity. Journal of Biological Chemistry, 2013, 288, 7564-7571. | 3.4 | 16 |
| 26 | Intramolecular Regulation of the Sequence-Specific mRNA Interferase Activity of MazF Fused to a MazE Fragment with a Linker Cleavable by Specific Proteases. Applied and Environmental Microbiology, 2012, 78, 3794-3799. | 3.1 | 29 |
| 27 | Inhibition of specific gene expressions by protein-mediated mRNA interference. Nature Communications, 2012, 3, 607. | 12.8 | 45 |
| 28 | Suppression of MazF toxicity by fusing a Câ€terminal segment of MazE to MazF, and its activation by sequence specific HIVâ€1 and HCV proteases. FASEB Journal, 2012, 26, 956.2. | 0.5 | 0 |
| 29 | Creation of a New protein by substituting all arginine residues by its toxic analogue, canavanine. FASEB Journal, 2012, 26, 581.8. | 0.5 | 0 |
| 30 | Bacillus subtilis MazFâ€bs (EndoA) is a UACAUâ€specific mRNA interferase. FEBS Letters, 2011, 585, 2526-2532. | 2.8 | 69 |
| 31 | Toxin-Antitoxin Systems in Bacteria and Archaea. Annual Review of Genetics, 2011, 45, 61-79. | 7.6 | 557 |
| 32 | Use of Amino Acids as Inducers for High-Level Protein Expression in the Single-Protein Production System. Applied and Environmental Microbiology, 2010, 76, 6063-6068. | 3.1 | 15 |
| 33 | MqsR, a Crucial Regulator for Quorum Sensing and Biofilm Formation, Is a GCU-specific mRNA Interferase in Escherichia coli. Journal of Biological Chemistry, 2009, 284, 28746-28753. | 3.4 | 152 |
| 34 | The effect of thioredoxin-gene-expressed transgenic soybean on associated non-target insects and arachnids. Plant Biotechnology Reports, 0, , 1. | 1.5 | 3 |