

# Jung-Ho Park

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Toxin-Antitoxin Systems in Bacteria and Archaea. <i>Annual Review of Genetics</i> , 2011, 45, 61-79.	7.6	557
2	MqsR, a Crucial Regulator for Quorum Sensing and Biofilm Formation, Is a GCU-specific mRNA Interferase in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 28746-28753.	3.4	152
3	Structural Basis of mRNA Recognition and Cleavage by Toxin MazF and Its Regulation by Antitoxin MazE in <i>Bacillus subtilis</i> . <i>Molecular Cell</i> , 2013, 52, 447-458.	9.7	77
4	<i>Bacillus subtilis</i> MazF (EndoA) is a UACAU-specific mRNA interferase. <i>FEBS Letters</i> , 2011, 585, 2526-2532.	2.8	69
5	The patterns of deleterious mutations during the domestication of soybean. <i>Nature Communications</i> , 2021, 12, 97.	12.8	49
6	Inhibition of specific gene expressions by protein-mediated mRNA interference. <i>Nature Communications</i> , 2012, 3, 607.	12.8	45
7	Characterization of a <i>mazEF</i> Toxin-Antitoxin Homologue from <i>Staphylococcus equorum</i> . <i>Journal of Bacteriology</i> , 2013, 195, 115-125.	2.2	33
8	Drought stress-induced compositional changes in tolerant transgenic rice and its wild type. <i>Food Chemistry</i> , 2014, 153, 145-150.	8.2	32
9	Metabolomic changes in grains of well-watered and drought-stressed transgenic rice. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 807-814.	3.5	31
10	Intramolecular Regulation of the Sequence-Specific mRNA Interferase Activity of MazF Fused to a MazE Fragment with a Linker Cleavable by Specific Proteases. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3794-3799.	3.1	29
11	Transcriptional Repressor HipB Regulates the Multiple Promoters in <i>Escherichia coli</i> . <i>Journal of Molecular Microbiology and Biotechnology</i> , 2013, 23, 440-447.	1.0	28
12	Label-free proteomics approach reveals candidate proteins in rice ( <i>Oryza sativa</i> L.) important for ACC deaminase producing bacteria-mediated tolerance against salt stress. <i>Environmental Microbiology</i> , 2022, 24, 3612-3624.	3.8	21
13	Replacement of All Arginine Residues with Canavanine in MazF-bs mRNA Interferase Changes Its Specificity. <i>Journal of Biological Chemistry</i> , 2013, 288, 7564-7571.	3.4	16
14	Use of Amino Acids as Inducers for High-Level Protein Expression in the Single-Protein Production System. <i>Applied and Environmental Microbiology</i> , 2010, 76, 6063-6068.	3.1	15
15	Translation-dependent mRNA cleavage by YhaV in <i>Escherichia coli</i> . <i>FEBS Letters</i> , 2017, 591, 1853-1861.	2.8	14
16	Comparative analysis of chemical compositions between non-transgenic soybean seeds and those from plants over-expressing AtJMT, the gene for jasmonic acid carboxyl methyltransferase. <i>Food Chemistry</i> , 2016, 196, 236-241.	8.2	13
17	Fructus Amomi Cardamomi Extract Inhibits Coxsackievirus-B3 Induced Myocarditis in a Murine Myocarditis Model. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 2012-2018.	2.1	12
18	Production of Bio-Based Isoprene by the Mevalonate Pathway Cassette in <i>Ralstonia eutropha</i> . <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 1656-1664.	2.1	9

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19	ACA-specific RNA sequence recognition is acquired via the loop 2 region of MazF mRNA interferase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 874-883.	2.6	8
20	Chromosomal features revealed by comparison of genetic maps of Glycine max and Glycine soja. <i>Genomics</i> , 2020, 112, 1481-1489.	2.9	8
21	Engineered Escherichia coli strains as platforms for biological production of isoprene. <i>FEBS Open Bio</i> , 2020, 10, 780-788.	2.3	7
22	Preferential use of minor codons in the translation initiation region of human genes. <i>Human Genetics</i> , 2017, 136, 67-74.	3.8	6
23	Exposure to Oxy-Tetracycline Changes Gut Bacterial Community Composition in Rainbow Trout: A Preliminary Study. <i>Animals</i> , 2021, 11, 3404.	2.3	6
24	Survival of Escherichia coli harboring nucleic acid-hydrolyzing 3D8 scFv during RNA virus infection. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 286-292.	2.7	4
25	Identification of MazF Homologue in <i>Legionella pneumophila</i> , Which Cleaves RNA at the AACU Sequence. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2018, 28, 269-280.	1.0	4
26	Development of novel on-line capillary gas chromatography-based analysis method for volatile organic compounds produced by aerobic fermentation. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 121-127.	2.2	4
27	Natural hybridization between transgenic and wild soybean genotypes. <i>Plant Biotechnology Reports</i> , 2021, 15, 299-308.	1.5	4
28	Functional Characterization of the C-Terminus of YhaV in the Escherichia coli PrIF-YhaV Toxin-Antitoxin System. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 987-996.	2.1	4
29	Protein Kinase B2 (PKB2/AKT2) Is Essential for Host Protection in CVB3-Induced Acute Viral Myocarditis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1489.	4.1	4
30	Functional Characterization of the mazEF Toxin-Antitoxin System in the Pathogenic Bacterium <i>Agrobacterium tumefaciens</i> . <i>Microorganisms</i> , 2021, 9, 1107.	3.6	3
31	The effect of thioredoxin-gene-expressed transgenic soybean on associated non-target insects and arachnids. <i>Plant Biotechnology Reports</i> , 0, , 1.	1.5	3
32	Specific elimination of coxsackievirus B3 infected cells with a protein engineered toxin-antitoxin system. <i>Molecular and Cellular Toxicology</i> , 2019, 15, 425-430.	1.7	2
33	Suppression of MazF toxicity by fusing a C-terminal segment of MazE to MazF, and its activation by sequence specific HIV-1 and HCV proteases. <i>FASEB Journal</i> , 2012, 26, 956.2.	0.5	0
34	Creation of a New protein by substituting all arginine residues by its toxic analogue, canavanine. <i>FASEB Journal</i> , 2012, 26, 581.8.	0.5	0