

# Hyunjin Yoon

## List of Publications by Year in descending order

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34  
papers

1,256  
citations

394421

19  
h-index

377865

34  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinated Regulation of Virulence during Systemic Infection of <i>Salmonella enterica</i> Serovar Typhimurium. <i>PLoS Pathogens</i> , 2009, 5, e1000306.	4.7	143
2	ppGpp-dependent Stationary Phase Induction of Genes on <i>Salmonella</i> Pathogenicity Island 1. <i>Journal of Biological Chemistry</i> , 2004, 279, 34183-34190.	3.4	129
3	Global Systems-Level Analysis of Hfq and SmpB Deletion Mutants in <i>Salmonella</i> : Implications for Virulence and Global Protein Translation. <i>PLoS ONE</i> , 2009, 4, e4809.	2.5	109
4	Discovery of <i>Salmonella</i> Virulence Factors Translocated via Outer Membrane Vesicles to Murine Macrophages. <i>Infection and Immunity</i> , 2011, 79, 2182-2192.	2.2	77
5	Bottlenecks and Hubs in Inferred Networks Are Important for Virulence in <i>Salmonella typhimurium</i> . <i>Journal of Computational Biology</i> , 2009, 16, 169-180.	1.6	73
6	Identification and Characterization of Outer Membrane Vesicle-Associated Proteins in <i>Salmonella enterica</i> Serovar Typhimurium. <i>Infection and Immunity</i> , 2014, 82, 4001-4010.	2.2	70
7	Endolysin LysSA97 is synergistic with carvacrol in controlling <i>Staphylococcus aureus</i> in foods. <i>International Journal of Food Microbiology</i> , 2017, 244, 19-26.	4.7	59
8	Proteomics Analysis of the Causative Agent of Typhoid Fever. <i>Journal of Proteome Research</i> , 2008, 7, 546-557.	3.7	54
9	Proteomic Investigation of the Time Course Responses of RAW 264.7 Macrophages to Infection with <i>Salmonella enterica</i> . <i>Infection and Immunity</i> , 2009, 77, 3227-3233.	2.2	54
10	A comparison of saturated steam and superheated steam for inactivation of <i>Escherichia coli</i> O157:H7, <i>Salmonella</i> Typhimurium, and <i>Listeria monocytogenes</i> biofilms on polyvinyl chloride and stainless steel. <i>Food Control</i> , 2014, 40, 344-350.	5.5	52
11	<i>Salmonella</i> pathogenicity island 2 expression negatively controlled by EIIA <sup>Ntr</sup> SsrB interaction is required for <i>Salmonella</i> virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20506-20511.	7.1	48
12	Mlc regulation of <i>Salmonella</i> pathogenicity island I gene expression via hIIE repression. <i>Nucleic Acids Research</i> , 2007, 35, 1822-1832.	14.5	44
13	Hfq Plays Important Roles in Virulence and Stress Adaptation in <i>Cronobacter sakazakii</i> ATCC 29544. <i>Infection and Immunity</i> , 2015, 83, 2089-2098.	2.2	44
14	Systems analysis of multiple regulator perturbations allows discovery of virulence factors in <i>Salmonella</i> . <i>BMC Systems Biology</i> , 2011, 5, 100.	3.0	30
15	Experimental annotation of post-translational features and translated coding regions in the pathogen <i>Salmonella</i> Typhimurium. <i>BMC Genomics</i> , 2011, 12, 433.	2.8	29
16	Fine-tuning of amino sugar homeostasis by EIIANtr in <i>Salmonella</i> Typhimurium. <i>Scientific Reports</i> , 2016, 6, 33055.	3.3	26
17	Secretion of <i>Salmonella</i> Pathogenicity Island 1-Encoded Type III Secretion System Effectors by Outer Membrane Vesicles in <i>Salmonella enterica</i> Serovar Typhimurium. <i>Frontiers in Microbiology</i> , 2018, 9, 2810.	3.5	24
18	A Method for Investigating Protein-Protein Interactions Related to <i>Salmonella</i> Typhimurium Pathogenesis. <i>Journal of Proteome Research</i> , 2009, 8, 1504-1514.	3.7	22

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19	Enzyme IANtr Regulates Salmonella Invasion Via 1,2-Propanediol And Propionate Catabolism. Scientific Reports, 2017, 7, 44827.	3.3	22
20	Proteome analysis of Salmonella enterica serovar Typhimurium fismutant. FEMS Microbiology Letters, 2003, 226, 391-396.	1.8	21
21	Technologies and Approaches to Elucidate and Model the Virulence Program of Salmonella. Frontiers in Microbiology, 2011, 2, 121.	3.5	18
22	Characterization and genomic analysis of two Staphylococcus aureus bacteriophages isolated from poultry/livestock farms. Journal of General Virology, 2013, 94, 2569-2576.	2.9	13
23	Understanding the multifaceted roles of the phosphoenolpyruvate: Phosphotransferase system in regulation of Salmonella virulence using a mutant defective in ptsI and crr expression. Microbiological Research, 2019, 223-225, 63-71.	5.3	13
24	ppGpp-mediated stationary phase induction of the genes encoded by horizontally acquired pathogenicity islands and cob/pdu locus in Salmonella enterica serovar Typhimurium. Journal of Microbiology, 2010, 48, 89-95.	2.8	11
25	Transcriptional response of selected genes of Salmonella enterica serovar Typhimurium biofilm cells during inactivation by superheated steam. International Journal of Food Microbiology, 2015, 192, 117-123.	4.7	11
26	Effects of chaperones on mRNA stability and gene expression in Escherichia coli. Journal of Microbiology and Biotechnology, 2008, 18, 228-33.	2.1	11
27	Quantitative PCR-Based Competitive Index for High-Throughput Screening of Salmonella Virulence Factors. Infection and Immunity, 2011, 79, 360-368.	2.2	10
28	Analysis of HilC/D-dependent invF promoter expression under different culture conditions. Microbial Pathogenesis, 2012, 52, 359-366.	2.9	10
29	Use of high-throughput mass spectrometry to elucidate host-pathogen interactions in Salmonella. Future Microbiology, 2008, 3, 625-634.	2.0	8
30	Roles of Outer Membrane Vesicles (OMVs) in Bacterial Virulence. Journal of Bacteriology and Virology, 2015, 45, 1.	0.1	8
31	New virulence factor CSK29544_02616 as LpxA binding partner in Cronobacter sakazakii. Scientific Reports, 2018, 8, 835.	3.3	5
32	σ <sup>7</sup> S-Mediated Stress Response Induced by Outer Membrane Perturbation Dampens Virulence in Salmonella enterica serovar Typhimurium. Frontiers in Microbiology, 2021, 12, 750940.	3.5	5
33	Retroreflection-based sandwich type affinity sensing of isothermal gene amplification products for foodborne pathogen detection. Analyst, The, 2022, 147, 450-460.	3.5	2
34	Temporal regulation of Salmonella pathogenicity Island 1 (SPI-1) hilA by Hfq in Salmonella enterica serovar typhimurium. Journal of the Korean Society for Applied Biological Chemistry, 2015, 58, 169-172.	0.9	1