

# Minsang Shin

## List of Publications by Year in descending order

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56  
papers

1,251  
citations

393982

19  
h-index

395343

33  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1844  
citing authors

#	ARTICLE	IF	CITATIONS
1	ppGpp-dependent Stationary Phase Induction of Genes on Salmonella Pathogenicity Island 1. <i>Journal of Biological Chemistry</i> , 2004, 279, 34183-34190.	1.6	129
2	Inverse agonist of estrogen-related receptor $\hat{I}^3$ controls Salmonella typhimurium infection by modulating host iron homeostasis. <i>Nature Medicine</i> , 2014, 20, 419-424.	15.2	127
3	DNA looping-mediated repression by histone-like protein H-NS: specific requirement of EA70 as a cofactor for looping. <i>Genes and Development</i> , 2005, 19, 2388-2398.	2.7	124
4	Molecular insights into DNA interference by CRISPR-associated nuclease-helicase Cas3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16359-16364.	3.3	85
5	SREBP-1a-stimulated lipid synthesis is required for macrophage phagocytosis downstream of TLR4-directed mTORC1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12228-E12234.	3.3	80
6	Anti-tumor activity of an immunotoxin (TGF $\hat{I}$ -PE38) delivered by attenuated <i>Salmonella typhimurium</i> . <i>Oncotarget</i> , 2017, 8, 37550-37560.	0.8	53
7	Histone and TK0471/TmBL2 form a novel heterogeneous genome architecture in the hyperthermophilic archaeon <i>Thermococcus kodakarensis</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 386-398.	0.9	44
8	Caveolin-1 Mediates Salmonella Invasion via the Regulation of SopE-dependent Rac1 Activation and Actin Reorganization. <i>Journal of Infectious Diseases</i> , 2014, 210, 793-802.	1.9	38
9	Gene silencing by $\hat{H}NS$ from distal DNA site. <i>Molecular Microbiology</i> , 2012, 86, 707-719.	1.2	37
10	The sensor kinase BfmS controls production of outer membrane vesicles in <i>Acinetobacter baumannii</i> . <i>BMC Microbiology</i> , 2019, 19, 301.	1.3	29
11	Recent Insights into Insulin-Like Growth Factor Binding Protein 2 Transcriptional Regulation. <i>Endocrinology and Metabolism</i> , 2017, 32, 11.	1.3	26
12	Retinoic acid induces hypersegmentation and enhances cytotoxicity of neutrophils against cancer cells. <i>Immunology Letters</i> , 2017, 182, 24-29.	1.1	25
13	Repression of deoP2 in <i>Escherichia coli</i> by CytR: conversion of a transcription activator into a repressor. <i>EMBO Journal</i> , 2001, 20, 5392-5399.	3.5	24
14	Crystal structure of Cas1 from <i>Archaeoglobus fulgidus</i> and characterization of its nucleolytic activity. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 720-725.	1.0	24
15	Molecular epidemiology of carbapenem-resistant <i>Acinetobacter baumannii</i> isolates from a Korean hospital that carry blaOXA-23. <i>Infection, Genetics and Evolution</i> , 2018, 58, 232-236.	1.0	23
16	Role of ppGpp-regulated efflux genes in <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1130-1134.	1.3	23
17	Characterization Of Chromosome-Mediated Colistin Resistance In <i>Escherichia coli</i> Isolates From Livestock In Korea. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 3291-3299.	1.1	21
18	Dynamic coordination of two-metal-ions orchestrates $\hat{I}$ -exonuclease catalysis. <i>Nature Communications</i> , 2018, 9, 4404.	5.8	20

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19	Beneficial Effects of Hesperetin in a Mouse Model of Temporal Lobe Epilepsy. <i>Journal of Medicinal Food</i> , 2018, 21, 1306-1309.	0.8	20
20	Fast microscopical dissection of action scenes played by <i>Escherichia coli</i> RNA polymerase. <i>FEBS Letters</i> , 2012, 586, 3187-3192.	1.3	19
21	Blockade of FLT4 suppresses metastasis of melanoma cells by impaired lymphatic vessels. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 733-738.	1.0	17
22	DNA looping-dependent autorepression of <i>LEE1</i> P1 promoters by Ler in enteropathogenic <i>Escherichia coli</i> (EPEC). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2586-95.	3.3	15
23	Crystal structure of an ASCH protein from <i>Zymomonas mobilis</i> and its ribonuclease activity specific for single-stranded RNA. <i>Scientific Reports</i> , 2017, 7, 12303.	1.6	15
24	Distinct role of outer membrane protein A in the intrinsic resistance of <i>Acinetobacter baumannii</i> and <i>Acinetobacter nosocomialis</i> . <i>Infection, Genetics and Evolution</i> , 2019, 67, 33-37.	1.0	14
25	Crystal structure of Cmr5 from <i>Pyrococcus furiosus</i> and its functional implications. <i>FEBS Letters</i> , 2013, 587, 562-568.	1.3	13
26	Cell mass-dependent expression of an anticancer protein drug by tumor-targeted <i>Salmonella</i> . <i>Oncotarget</i> , 2018, 9, 8548-8559.	0.8	13
27	Production of Membrane Vesicles by <i>Enterococcus faecium</i> Cultured With or Without Subinhibitory Concentrations of Antibiotics and Their Pathological Effects on Epithelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 295.	1.8	12
28	The role of the <i>Acanthamoeba castellanii</i> Sir2-like protein in the growth and encystation of <i>Acanthamoeba</i> . <i>Parasites and Vectors</i> , 2020, 13, 368.	1.0	12
29	The mechanism of gap creation by a multifunctional nuclease during base excision repair. <i>Science Advances</i> , 2021, 7, .	4.7	12
30	LeuO, a LysR-Type Transcriptional Regulator, Is Involved in Biofilm Formation and Virulence of <i>Acinetobacter baumannii</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 738706.	1.8	12
31	Crystal structure and CRISPR RNA-binding site of the Cmr1 subunit of the Cmr interference complex. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 535-543.	2.5	10
32	Transcriptional Regulation of the Outer Membrane Protein A in <i>Acinetobacter baumannii</i> . <i>Microorganisms</i> , 2020, 8, 706.	1.6	10
33	Induction of GDNF and GFR $\alpha$ -1 Following AAV1-Rheb(S16H) Administration in the Hippocampus <i>in vivo</i> . <i>Experimental Neurobiology</i> , 2020, 29, 164-175.	0.7	10
34	The mechanism underlying Ler-mediated alleviation of gene repression by H-NS. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 392-396.	1.0	9
35	Outer membrane vesicles produced by <i>Burkholderia cepacia</i> cultured with subinhibitory concentrations of ceftazidime enhance pro-inflammatory responses. <i>Virulence</i> , 2020, 11, 995-1005.	1.8	9
36	ppGpp signaling plays a critical role in virulence of <i>Acinetobacter baumannii</i> . <i>Virulence</i> , 2021, 12, 2122-2132.	1.8	9

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37	An unusual feature associated with <i>LEE1</i> P1 promoters in enteropathogenic <i>Escherichia coli</i> (EPEC). <i>Molecular Microbiology</i> , 2012, 83, 612-622.	1.2	8
38	Identification of high-specificity H-NS binding site in <i>LEE5</i> promoter of enteropathogenic <i>Escherichia coli</i> (EPEC). <i>Journal of Microbiology</i> , 2014, 52, 626-629.	1.3	8
39	Effects of Silibinin Against Prothrombin Kringle-2-Induced Neurotoxicity in the Nigrostriatal Dopaminergic System <i>In Vivo</i> . <i>Journal of Medicinal Food</i> , 2019, 22, 277-285.	0.8	8
40	The role of Zur-regulated lipoprotein A in bacterial morphology, antimicrobial susceptibility, and production of outer membrane vesicles in <i>Acinetobacter baumannii</i> . <i>BMC Microbiology</i> , 2021, 21, 27.	1.3	8
41	Imaging of bioluminescent <i>Acinetobacter baumannii</i> in a mouse pneumonia model. <i>Microbial Pathogenesis</i> , 2019, 137, 103784.	1.3	7
42	Global regulator DksA modulates virulence of <i>Acinetobacter baumannii</i> . <i>Virulence</i> , 2021, 12, 2750-2763.	1.8	7
43	Crystal structure of a Cas6 paralogous protein from <i>Pyrococcus furiosus</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 1895-1900.	1.5	6
44	Upregulation of Neuronal Rheb(S16H) for Hippocampal Protection in the Adult Brain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2023.	1.8	6
45	Extracellular vesicles from dHL-60 cells as delivery vehicles for diverse therapeutics. <i>Scientific Reports</i> , 2021, 11, 8289.	1.6	6
46	Characterization of a Novel Phage $\phi$ Ab1656-2 and Its Endolysin with Higher Antimicrobial Activity against Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>Viruses</i> , 2021, 13, 1848.	1.5	6
47	Transcriptional regulation of Salmochelin glucosyltransferase by Fur in <i>Salmonella</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 70-76.	1.0	4
48	Effect of promoter-upstream sequence on $\sigma^{38}$ -dependent stationary phase gene transcription. <i>Journal of Microbiology</i> , 2015, 53, 250-255.	1.3	3
49	Proteins in Outer Membrane Vesicles Produced by <i>Burkholderia cepacia</i> are Responsible for Pro-inflammatory Responses in Epithelial Cells. <i>Journal of Bacteriology and Virology</i> , 2020, 50, 227-234.	0.0	3
50	Amino acid residues in the Ler protein critical for derepression of the <i>LEE5</i> promoter in enteropathogenic <i>E. coli</i> . <i>Journal of Microbiology</i> , 2016, 54, 559-564.	1.3	2
51	DksA Modulates Antimicrobial Susceptibility of <i>Acinetobacter baumannii</i> . <i>Antibiotics</i> , 2021, 10, 1472.	1.5	2
52	Lipocalin2 as a potential antibacterial drug against <i>Acinetobacter baumannii</i> infection. <i>Journal of Microbiology</i> , 2022, 60, 444-449.	1.3	2
53	Crystal Structure of Histidine Triad Nucleotide-Binding Protein from the Pathogenic Fungus. <i>Molecules and Cells</i> , 2019, 42, 56-66.	1.0	1
54	Sirtinol Suppresses Trophozoites Proliferation and Encystation of <i>Acanthamoeba</i> via Inhibition of Sirtuin Family Protein. <i>Korean Journal of Parasitology</i> , 2022, 60, 1-6.	0.5	1

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55	Dataset on the changes of neutrophils treated with retinoic acid. Data in Brief, 2017, 12, 97-102.	0.5	0
56	Perilipin 5 is a novel target of nuclear receptor LXR-1 to regulate hepatic triglycerides metabolism. BMB Reports, 2021, 54, 476-481.	1.1	0