

# Sang-Wook Han

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,810  
citations

304743

22  
h-index

276875

41  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2023  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Type Iâ€‘Secreted, Sulfated Peptide Triggers XA21-Mediated Innate Immunity. <i>Science</i> , 2009, 326, 850-853.	12.6	240
2	Two New Complete Genome Sequences Offer Insight into Host and Tissue Specificity of Plant Pathogenic <i>Xanthomonas</i> spp. <i>Journal of Bacteriology</i> , 2011, 193, 5450-5464.	2.2	189
3	The Pepper Lipoxygenase CaLOX1 Plays a Role in Osmotic, Drought and High Salinity Stress Response. <i>Plant and Cell Physiology</i> , 2015, 56, 930-942.	3.1	118
4	Unique characteristics of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> AvrXa21 and implications for plant innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18395-18400.	7.1	110
5	The <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> PhoPQ Two-Component System Is Required for AvrXA21 Activity, <i>hrpG</i> Expression, and Virulence. <i>Journal of Bacteriology</i> , 2008, 190, 2183-2197.	2.2	96
6	Tyrosine sulfation in a Gram-negative bacterium. <i>Nature Communications</i> , 2012, 3, 1153.	12.8	63
7	The Arabidopsis flagellin receptor FLS2 mediates the perception of <i>Xanthomonas</i> Ax21 secreted peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9286-9291.	7.1	62
8	Expression and Functional Roles of the Pepper Pathogen-Induced bZIP Transcription Factor CabZIP2 in Enhanced Disease Resistance to Bacterial Pathogen Infection. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 825-833.	2.6	62
9	Elucidation of XA21-mediated innate immunity. <i>Cellular Microbiology</i> , 2010, 12, 1017-1025.	2.1	61
10	Genetic Diversity of <i>Pectobacterium carotovorum</i> subsp. <i>brasiliensis</i> Isolated in Korea. <i>Plant Pathology Journal</i> , 2014, 30, 117-124.	1.7	57
11	Arabidopsis PYL8 Plays an Important Role for ABA Signaling and Drought Stress Responses. <i>Plant Pathology Journal</i> , 2013, 29, 471-476.	1.7	52
12	<i>Pseudomonas syringae</i> pv. <i>actinidiae</i> Type III Effectors Localized at Multiple Cellular Compartments Activate or Suppress Innate Immune Responses in <i>Nicotiana benthamiana</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 2157.	3.6	42
13	Functional characterization of a putative DNA methyltransferase, EadM, in <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> by proteomic and phenotypic analyses. <i>Scientific Reports</i> , 2019, 9, 2446.	3.3	39
14	Infection processes of xylem-colonizing pathogenic bacteria: possible explanations for the scarcity of qualitative disease resistance genes against them in crops. <i>Theoretical and Applied Genetics</i> , 2015, 128, 1219-1229.	3.6	37
15	Small Protein-Mediated Quorum Sensing in a Gram-Negative Bacterium. <i>PLoS ONE</i> , 2011, 6, e29192.	2.5	33
16	Deciphering the functions of the outer membrane porin OprBXo involved in virulence, motility, exopolysaccharide production, biofilm formation and stress tolerance in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 2527-2542.	4.2	33
17	Functional and proteomic analyses reveal that wxcB is involved in virulence, motility, detergent tolerance, and biofilm formation in <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 389-394.	2.1	32
18	Methylome Analysis of Two <i>Xanthomonas</i> spp. Using Single-Molecule Real-Time Sequencing. <i>Plant Pathology Journal</i> , 2016, 32, 500-507.	1.7	32

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19	Prokaryotic DNA methylation and its functional roles. <i>Journal of Microbiology</i> , 2021, 59, 242-248.	2.8	30
20	Complete genome sequence of the <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> virulent bacteriophage PM1. <i>Archives of Virology</i> , 2014, 159, 2185-2187.	2.1	29
21	Secretion, modification, and regulation of Ax21. <i>Current Opinion in Microbiology</i> , 2011, 14, 62-67.	5.1	28
22	Elucidating Functions of FleQ in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> by Comparative Proteomic and Phenotypic Analyses. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3038.	4.1	28
23	Functional Analysis of the Pepper Ethylene-Responsive Transcription Factor, CaAIEF1, in Enhanced ABA Sensitivity and Drought Tolerance. <i>Frontiers in Plant Science</i> , 2017, 8, 1407.	3.6	26
24	Triacanthine exerts antitumor effects on bladder cancer in vitro and in vivo. <i>Phytomedicine</i> , 2019, 64, 153069.	5.3	22
25	A LysR-Type Transcriptional Regulator LcrX Is Involved in Virulence, Biofilm Formation, Swimming Motility, Siderophore Secretion, and Growth in Sugar Sources in <i>Xanthomonas axonopodis</i> Pv. <i>glycines</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1657.	3.6	22
26	Characterization of a Novel Necrotic Response of Glycine max Line 'PI96188' to <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> . <i>Plant Pathology Journal</i> , 2007, 23, 193-202.	1.7	22
27	Sulforaphane identified from radish ( <i>Raphanus sativus</i> L.) seeds possesses antimicrobial properties against multidrug-resistant bacteria and methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Functional Foods</i> , 2016, 24, 131-141.	3.4	21
28	Comparative Proteomic Analysis of Three <i>Xanthomonas</i> spp. Cultured in Minimal and Rich Media. <i>Proteomics</i> , 2017, 17, 1700142.	2.2	21
29	Molecular functions of <i>Xanthomonas</i> type III effector AvrBsT and its plant interactors in cell death and defense signaling. <i>Planta</i> , 2017, 245, 237-253.	3.2	20
30	An efficient method for visualization and growth of fluorescent <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in planta. <i>BMC Microbiology</i> , 2008, 8, 164.	3.3	19
31	The Pepper RING Finger E3 Ligase, CaDIR1, Regulates the Drought Stress Response via ABA-Mediated Signaling. <i>Frontiers in Plant Science</i> , 2017, 8, 690.	3.6	16
32	A new antimicrobial substance produced by <i>Staphylococcus pasteurii</i> isolated from vegetables. <i>Food Science and Biotechnology</i> , 2014, 23, 983-990.	2.6	15
33	Proteomic and functional analyses of a novel porin-like protein in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Journal of Microbiology</i> , 2014, 52, 1030-1035.	2.8	13
34	Putative Bifunctional Chorismate Mutase/Prephenate Dehydratase Contributes to the Virulence of <i>Acidovorax citrulli</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 569552.	3.6	12
35	Isolation and identification of <i>Burkholderia gladioli</i> on <i>Cymbidium</i> orchids in Korea. <i>Biotechnology and Biotechnological Equipment</i> , 2017, 31, 280-288.	1.3	11
36	Enhanced Tolerance of Chinese Cabbage Seedlings Mediated by <i>Bacillus aryabhattai</i> H26-2 and <i>B. siamensis</i> H30-3 against High Temperature Stress and Fungal Infections. <i>Plant Pathology Journal</i> , 2018, 34, 555-566.	1.7	11

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37	Complete Genome Sequences of <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> Isolates from the United States and Thailand Reveal Conserved Transcription Activator-Like Effectors. <i>Genome Biology and Evolution</i> , 2019, 11, 1380-1384.	2.5	11
38	Avirulence gene diversity of <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> isolated in Korea. <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 1500-9.	2.1	10
39	Molecular sensors for plant immunity; pattern recognition receptors and race-specific resistance proteins. <i>Journal of Plant Biology</i> , 2013, 56, 357-366.	2.1	9
40	De novo-based transcriptome profiling of male-sterile and fertile watermelon lines. <i>PLoS ONE</i> , 2017, 12, e0187147.	2.5	7
41	Profiling Differentially Abundant Proteins by Overexpression of Three Putative Methyltransferases in <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> . <i>Proteomics</i> , 2020, 20, 1900125.	2.2	7
42	Proteomic and Phenotypic Analyses of a Putative Glycerol-3-Phosphate Dehydrogenase Required for Virulence in <i>Acidovorax citrulli</i> . <i>Plant Pathology Journal</i> , 2021, 37, 36-46.	1.7	7
43	Two DNA Methyltransferases for Site-Specific 6mA and 5mC DNA Modification in <i>Xanthomonas euvesicatoria</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 621466.	3.6	7
44	Transcription Factor PdeR Is Involved in Fungal Development, Metabolic Change, and Pathogenesis of Gray Mold <i>Botrytis cinerea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9171-9179.	5.2	6
45	Draft genome sequence of <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> 8ra possessing transcription activator-like effectors used for genetic engineering. <i>Journal of Biotechnology</i> , 2014, 179, 15-16.	3.8	5
46	Genome-wide Screening to Identify Responsive Regulators Involved in the Virulence of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Plant Pathology Journal</i> , 2019, 35, 84-89.	1.7	5
47	Comparative Proteomic Analysis for a Putative Pyridoxal Phosphate-Dependent Aminotransferase Required for Virulence in <i>Acidovorax citrulli</i> . <i>Plant Pathology Journal</i> , 2021, 37, 673-680.	1.7	5
48	Deciphering the Role of Tyrosine Sulfation in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Using Shotgun Proteomic Analysis. <i>Plant Pathology Journal</i> , 2016, 32, 266-272.	1.7	4
49	Functional and Proteomic Analyses Reveal That ScpBXv Is Involved in Bacterial Growth, Virulence, and Biofilm Formation in <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Plant Pathology Journal</i> , 2017, 33, 602-607.	1.7	3
50	<i>Xanthomonas oryzae</i> pv. <i>oryzae</i> AvrXA21 Activity Is Dependent on a Type One Secretion System, Is Regulated by a Two-Component Regulatory System that Responds to Cell Population Density, and Is Conserved in Other <i>Xanthomonas</i> spp., 2008, , 25-40.		0