

# Won-Jae Lee

## List of Publications by Year in descending order

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44  
papers

7,581  
citations

159585  
30  
h-index

265206  
42  
g-index

44  
all docs

44  
docs citations

44  
times ranked

7174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of GAL4 drivers that mark distinct cell types and regions in the <i>Drosophila</i> adult gut. <i>Journal of Neurogenetics</i> , 2021, 35, 33-44.	1.4	8
2	Response of the microbiome-gut-brain axis in <i>Drosophila</i> to amino acid deficit. <i>Nature</i> , 2021, 593, 570-574.	27.8	53
3	Bacterial Nucleoside Catabolism Controls Quorum Sensing and Commensal-to-Pathogen Transition in the <i>Drosophila</i> Gut. <i>Cell Host and Microbe</i> , 2020, 27, 345-357.e6.	11.0	31
4	Delipidation Destresses <i>Drosophila</i> . <i>Immunity</i> , 2020, 52, 215-217.	14.3	0
5	<i>Drosophila</i> as a model system for deciphering the host physiology-nutrition-microbiome axis. <i>Current Opinion in Insect Science</i> , 2020, 41, 112-119.	4.4	8
6	Stealing from the Future: Injured Larvae Spend Stem Cell Deposits. <i>Cell Host and Microbe</i> , 2019, 26, 301-303.	11.0	4
7	Targeted knockout of <i>duox</i> causes defects in zebrafish growth, thyroid development, and social interaction. <i>Journal of Genetics and Genomics</i> , 2019, 46, 101-104.	3.9	7
8	The role of commensal microbes in the lifespan of <i>Drosophila melanogaster</i> . <i>Aging</i> , 2019, 11, 4611-4640.	3.1	44
9	Inflammation-Modulated Metabolic Reprogramming Is Required for DUOX-Dependent Gut Immunity in <i>Drosophila</i> . <i>Cell Host and Microbe</i> , 2018, 23, 338-352.e5.	11.0	79
10	Immune-metabolic interactions during systemic and enteric infection in <i>Drosophila</i> . <i>Current Opinion in Insect Science</i> , 2018, 29, 21-26.	4.4	41
11	Integrative Physiology: At the Crossroads of Nutrition, Microbiota, Animal Physiology, and Human Health. <i>Cell Metabolism</i> , 2017, 25, 522-534.	16.2	108
12	Microbiota, Gut Physiology, and Insect Immunity. <i>Advances in Insect Physiology</i> , 2017, , 111-138.	2.7	45
13	Synthesis of a highly HOCl-selective fluorescent probe and its use for imaging HOCl in cells and organisms. <i>Nature Protocols</i> , 2016, 11, 1219-1228.	12.0	148
14	<i>Drosophila</i> - <i>Acetobacter</i> as a Model System for Understanding Animal-Microbiota Interactions. , 2016, , 143-158.		1
15	Uracil-induced signaling pathways for DUOX-dependent gut immunity. <i>Fly</i> , 2015, 9, 115-120.	1.7	17
16	Functional genomic and metagenomic approaches to understanding gut microbiota-animal mutualism. <i>Current Opinion in Microbiology</i> , 2015, 24, 38-46.	5.1	48
17	Bacterial Uracil Modulates <i>Drosophila</i> DUOX-Dependent Gut Immunity via Hedgehog-Induced Signaling Endosomes. <i>Cell Host and Microbe</i> , 2015, 17, 191-204.	11.0	105
18	Got <i>Lactobacillus</i> ? Commensals Power Growth. <i>Cell Host and Microbe</i> , 2015, 18, 388-390.	11.0	5

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19	Mechanisms of Systemic Wound Response in <i>Drosophila</i> . <i>Current Topics in Developmental Biology</i> , 2014, 108, 153-183.	2.2	25
20	Role of DUOX in gut inflammation: lessons from <i>Drosophila</i> model of gut-microbiota interactions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 3, 116.	3.9	161
21	Gut microbiota-generated metabolites in animal health and disease. <i>Nature Chemical Biology</i> , 2014, 10, 416-424.	8.0	539
22	<i>Drosophila</i> as a model for intestinal dysbiosis and chronic inflammatory diseases. <i>Developmental and Comparative Immunology</i> , 2014, 42, 102-110.	2.3	71
23	Homeostasis between gut-associated microorganisms and the immune system in <i>Drosophila</i> . <i>Current Opinion in Immunology</i> , 2014, 30, 48-53.	5.5	37
24	Insect Gut Bacterial Diversity Determined by Environmental Habitat, Diet, Developmental Stage, and Phylogeny of Host. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5254-5264.	3.1	591
25	How Microbiomes Influence Metazoan Development: Insights from History and <i>Drosophila</i> Modeling of Gut-Microbe Interactions. <i>Annual Review of Cell and Developmental Biology</i> , 2013, 29, 571-592.	9.4	128
26	Bacterial-Derived Uracil as a Modulator of Mucosal Immunity and Gut-Microbe Homeostasis in <i>Drosophila</i> . <i>Cell</i> , 2013, 153, 797-811.	28.9	300
27	Draft Genome Sequence of <i>Lactobacillus plantarum</i> Strain WJL, a <i>Drosophila</i> Gut Symbiont. <i>Genome Announcements</i> , 2013, 1, .	0.8	14
28	Draft Genome Sequence of Commensal <i>Bacterium</i> <i>intestini</i> A911T, a Symbiotic Bacterium Isolated from <i>Drosophila melanogaster</i> Intestine. <i>Journal of Bacteriology</i> , 2012, 194, 1246-1246.	2.2	10
29	Genetic evidence of a redox-dependent systemic wound response via Hyan Protease-Phenoloxidase system in <i>Drosophila</i> . <i>EMBO Journal</i> , 2012, 31, 1253-1265.	7.8	99
30	<i>Drosophila</i> Microbiome Modulates Host Developmental and Metabolic Homeostasis via Insulin Signaling. <i>Science</i> , 2011, 334, 670-674.	12.6	856
31	A specific and sensitive method for detection of hypochlorous acid for the imaging of microbe-induced HOCl production. <i>Chemical Communications</i> , 2011, 47, 4373.	4.1	238
32	Dual oxidase in mucosal immunity and host-microbe homeostasis. <i>Trends in Immunology</i> , 2010, 31, 278-287.	6.8	183
33	Innate immunity and gut-microbe mutualism in <i>Drosophila</i> . <i>Developmental and Comparative Immunology</i> , 2010, 34, 369-376.	2.3	144
34	Bacterial-modulated host immunity and stem cell activation for gut homeostasis: Figure 1.. <i>Genes and Development</i> , 2009, 23, 2260-2265.	5.9	49
35	Coordination of multiple dual oxidase-regulatory pathways in responses to commensal and infectious microbes in <i>drosophila</i> gut. <i>Nature Immunology</i> , 2009, 10, 949-957.	14.5	301
36	Regulation of DUOX by the G $\beta$ -q-Phospholipase C $^2$ -Ca $^{2+}$ Pathway in <i>Drosophila</i> Gut Immunity. <i>Developmental Cell</i> , 2009, 16, 386-397.	7.0	196

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37	Innate Immune Homeostasis by the Homeobox Gene <i>Caudal</i> and Commensal-Gut Mutualism in <i>Drosophila</i> . <i>Science</i> , 2008, 319, 777-782.	12.6	766
38	Phylogenetic Characterization of Two Novel Commensal Bacteria Involved with Innate Immune Homeostasis in <i>Drosophila melanogaster</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 6171-6177.	3.1	85
39	Involvement of pro-phenoloxidase 3 in lamellocyte-mediated spontaneous melanization in <i>Drosophila</i> . <i>Molecules and Cells</i> , 2008, 26, 606-10.	2.6	38
40	An essential complementary role of NF- $\kappa$ B pathway to microbicidal oxidants in <i>Drosophila</i> gut immunity. <i>EMBO Journal</i> , 2006, 25, 3693-3701.	7.8	150
41	A Direct Role for Dual Oxidase in <i>Drosophila</i> Gut Immunity. <i>Science</i> , 2005, 310, 847-850.	12.6	705
42	An Antioxidant System Required for Host Protection against Gut Infection in <i>Drosophila</i> . <i>Developmental Cell</i> , 2005, 8, 125-132.	7.0	305
43	The <i>Drosophila</i> immune system detects bacteria through specific peptidoglycan recognition. <i>Nature Immunology</i> , 2003, 4, 478-484.	14.5	533
44	An Immune-Responsive Serpin Regulates the Melanization Cascade in <i>Drosophila</i> . <i>Developmental Cell</i> , 2002, 3, 581-592.	7.0	305