

Toshihiko Suzuki

List of Publications by Year in descending order

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36
papers

4,664
citations

394421

19
h-index

345221

36
g-index

36
all docs

36
docs citations

36
times ranked

11226
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Differential Regulation of Caspase-1 Activation, Pyroptosis, and Autophagy via IpaF and ASC in <i>Shigella</i> -Infected Macrophages. <i>PLoS Pathogens</i> , 2007, 3, e111.	4.7	469
3	Single-Cell Imaging of Caspase-1 Dynamics Reveals an All-or-None Inflammasome Signaling Response. <i>Cell Reports</i> , 2014, 8, 974-982.	6.4	130
4	Herpes Simplex Virus 1 VP22 Inhibits AIM2-Dependent Inflammasome Activation to Enable Efficient Viral Replication. <i>Cell Host and Microbe</i> , 2018, 23, 254-265.e7.	11.0	109
5	<i>Shigella</i> IpaH7.8 E3 ubiquitin ligase targets glomulin and activates inflammasomes to demolish macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4254-63.	7.1	87
6	<i>Shigella</i> Type III Secretion Protein MxiI Is Recognized by Naip2 to Induce Nlrp4 Inflammasome Activation Independently of Pkc ζ . <i>PLoS Pathogens</i> , 2014, 10, e1003926.	4.7	86
7	Regulation of the NLRP3 inflammasome in <i>Porphyromonas gingivalis</i> -accelerated periodontal disease. <i>Inflammation Research</i> , 2017, 66, 59-65.	4.0	70
8	<i>Vibrio parahaemolyticus</i> Effector Proteins Suppress Inflammasome Activation by Interfering with Host Autophagy Signaling. <i>PLoS Pathogens</i> , 2013, 9, e1003142.	4.7	66
9	Activation of the NLRP3 inflammasome in <i>Porphyromonas gingivalis</i> -accelerated atherosclerosis. <i>Pathogens and Disease</i> , 2015, 73, .	2.0	42
10	A role for Nod-like receptors in autophagy induced by <i>Shigella</i> infection. <i>Autophagy</i> , 2008, 4, 73-75.	9.1	37
11	A unique bacterial tactic to circumvent the cell death crosstalk induced by blockade of caspase-8. <i>EMBO Journal</i> , 2020, 39, e104469.	7.8	37
12	Pancreatic glycoprotein 2 is a first line of defense for mucosal protection in intestinal inflammation. <i>Nature Communications</i> , 2021, 12, 1067.	12.8	35
13	A bacterial small RNA regulates the adaptation of <i>Helicobacter pylori</i> to the host environment. <i>Nature Communications</i> , 2021, 12, 2085.	12.8	31
14	<i>Chlamydia pneumoniae</i> harness host NLRP3 inflammasome-mediated caspase-1 activation for optimal intracellular growth in murine macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 689-694.	2.1	29
15	Characterizing interactions of <i>Leptospira interrogans</i> with proximal renal tubule epithelial cells. <i>BMC Microbiology</i> , 2018, 18, 64.	3.3	29
16	Complete Genome Sequences of Low-Passage Virulent and High-Passage Avirulent Variants of Pathogenic <i>Leptospira interrogans</i> Serovar Manilae Strain UP-MMC-NIID, Originally Isolated from a Patient with Severe Leptospirosis, Determined Using PacBio Single-Molecule Real-Time Technology. <i>Genome Announcements</i> , 2015, 3, .	0.8	28
17	<i>Porphyromonas gingivalis</i> triggers NLRP3-mediated inflammasome activation in macrophages in a bacterial gingipains-independent manner. <i>European Journal of Immunology</i> , 2018, 48, 1965-1974.	2.9	27
18	Lose the battle to win the war: bacterial strategies for evading host inflammasome activation. <i>Trends in Microbiology</i> , 2013, 21, 342-349.	7.7	23

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19	Shigella hijacks the glomulinâ€“ <scp>clAP</scp> sâ€“inflammasome axis to promote inflammation. EMBO Reports, 2018, 19, 89-101.	4.5	23
20	Shigella infection and host cell death: a double-edged sword for the host and pathogen survival. Current Opinion in Microbiology, 2021, 59, 1-7.	5.1	20
21	Inflammasome Activation Induced by Perfringolysin O of Clostridium perfringens and Its Involvement in the Progression of Gas Gangrene. Frontiers in Microbiology, 2019, 10, 2406.	3.5	18
22	Molecular characterisation of the NDM-1-encoding plasmid p2189-NDM in an Escherichia coli ST410 clinical isolate from Ghana. PLoS ONE, 2018, 13, e0209623.	2.5	17
23	Epigallocatechin gallate inhibits the type III secretion system of Gram-negative enteropathogenic bacteria under model conditions. FEMS Microbiology Letters, 2017, 364, .	1.8	14
24	Ozone ultrafine bubble water induces the cellular signaling involved in oxidative stress responses in human periodontal ligament fibroblasts. Science and Technology of Advanced Materials, 2019, 20, 590-599.	6.1	14
25	Prevalence and Characterization of Carbapenem-Hydrolyzing Class D Î²-Lactamase-Producing Acinetobacter Isolates From Ghana. Frontiers in Microbiology, 2020, 11, 587398.	3.5	14
26	Emergence of oxacillinase-181 carbapenemase-producing diarrheagenic <i>Escherichia coli</i> in Ghana. Emerging Microbes and Infections, 2021, 10, 865-873.	6.5	14
27	Insights and genetic features of extended-spectrum beta-lactamase producing Escherichia coli isolates from two hospitals in Ghana. Scientific Reports, 2022, 12, 1843.	3.3	14
28	Group A Streptococcus establishes pharynx infection by degrading the deoxyribonucleic acid of neutrophil extracellular traps. Scientific Reports, 2020, 10, 3251.	3.3	11
29	Gasdermin Dâ€“dependent release of interleukinâ€“1 <i>Î²</i> by living macrophages in response to mycoplasmal lipoproteins and lipopeptides. Immunology, 2020, 161, 114-122.	4.4	8
30	Activation of nucleotide-binding domain-like receptor containing protein 3 inflammasome in dendritic cells and macrophages by Streptococcus sanguinis. Cellular Microbiology, 2017, 19, e12663.	2.1	7
31	Virulence Profiles of Diarrheagenic & <i>Escherichia coli</i> Isolated from the Western Region of Ghana. Japanese Journal of Infectious Diseases, 2021, 74, 115-121.	1.2	7
32	Possible Dissemination of Escherichia coli Sequence Type 410 Closely Related to B4/H24RxC in Ghana. Frontiers in Microbiology, 2021, 12, 770130.	3.5	7
33	Effects of <i>Psidium guajava</i> leaf extract on secretion systems of gramâ€“negative enteropathogenic bacteria. Microbiology and Immunology, 2018, 62, 444-453.	1.4	6
34	Mutational diversity in mutY deficient Helicobacter pylori and its effect on adaptation to the gastric environment. Biochemical and Biophysical Research Communications, 2020, 525, 806-811.	2.1	6
35	Effect of low oxygen concentration on activation of inflammation by Helicobacter pylori. Biochemical and Biophysical Research Communications, 2021, 560, 179-185.	2.1	5
36	Evaluation of Intracellular Trafficking in Macrophages. Methods in Molecular Biology, 2020, 2134, 199-206.	0.9	2