

# Yukiko Miyamoto

## List of Publications by Year in descending order

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43  
papers

2,964  
citations

304743

22  
h-index

254184

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of 16S rRNA-Gene-Targeted Group-Specific Primers for the Detection and Identification of Predominant Bacteria in Human Feces. <i>Applied and Environmental Microbiology</i> , 2002, 68, 5445-5451.	3.1	576
2	Bacteriophage targeting of gut bacterium attenuates alcoholic liver disease. <i>Nature</i> , 2019, 575, 505-511.	27.8	493
3	Cathelicidin Mediates Innate Intestinal Defense against Colonization with Epithelial Adherent Bacterial Pathogens. <i>Journal of Immunology</i> , 2005, 174, 4901-4907.	0.8	205
4	Commensal microbiota is hepatoprotective and prevents liver fibrosis in mice. <i>FASEB Journal</i> , 2015, 29, 1043-1055.	0.5	156
5	Role of EHEC O157:H7 virulence factors in the activation of intestinal epithelial cell NF- $\kappa$ B and MAP kinase pathways and the upregulated expression of interleukin 8. <i>Cellular Microbiology</i> , 2002, 4, 635-648.	2.1	141
6	A Reprofiled Drug, Auranofin, Is Effective against Metronidazole-Resistant <i>Giardia lamblia</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2029-2035.	3.2	136
7	Microbiota Protects Mice Against Acute Alcohol-Induced Liver Injury. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 2313-2323.	2.4	92
8	Skin microbiome promotes mast cell maturation by triggering stem cell factor production in keratinocytes. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1205-1216.e6.	2.9	92
9	Role of Shiga toxin versus H7 flagellin in enterohaemorrhagic <i>Escherichia coli</i> signalling of human colon epithelium in vivo. <i>Cellular Microbiology</i> , 2006, 8, 869-879.	2.1	82
10	Olfactory receptor 2 in vascular macrophages drives atherosclerosis by NLRP3-dependent IL-1 production. <i>Science</i> , 2022, 375, 214-221.	12.6	81
11	Deoxycholic acid formation in gnotobiotic mice associated with human intestinal bacteria. <i>Lipids</i> , 2006, 41, 835-843.	1.7	78
12	Synthesis and Electrochemistry of 2-Ethenyl and 2-Ethanyl Derivatives of 5-Nitroimidazole and Antimicrobial Activity against <i>Giardia lamblia</i> . <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4038-4053.	6.4	70
13	IL-17A promotes protective IgA responses and expression of other potential effectors against the lumen-dwelling enteric parasite <i>Giardia</i> . <i>Experimental Parasitology</i> , 2015, 156, 68-78.	1.2	70
14	Design of Species-Specific Primers to Identify 13 Species of <i>Clostridium</i> Harbored in Human Intestinal Tracts. <i>Microbiology and Immunology</i> , 2002, 46, 353-358.	1.4	69
15	The fecal mycobiome in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2022, 76, 788-799.	3.7	66
16	Impaired Parasite Attachment as Fitness Cost of Metronidazole Resistance in <i>Giardia lamblia</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4643-4651.	3.2	59
17	Expanded therapeutic potential in activity space of next-generation 5-nitroimidazole antimicrobials with broad structural diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17564-17569.	7.1	57
18	Drug Development Against the Major Diarrhea-Causing Parasites of the Small Intestine, <i>Cryptosporidium</i> and <i>Giardia</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1208.	3.5	57

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19	Metronidazole-triazole conjugates: Activity against <i>Clostridium difficile</i> and parasites. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 96-102.	5.5	48
20	Epithelial Cell Î²-Kinase Î² Has an Important Protective Role in <i>Clostridium difficile</i> Toxin A-Induced Mucosal Injury. <i>Journal of Immunology</i> , 2006, 177, 1214-1220.	0.8	42
21	Hsp90 Inhibitors as New Leads To Target Parasitic Diarrheal Diseases. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4138-4144.	3.2	39
22	Auranofin inactivates <i>Trichomonas vaginalis</i> thioredoxin reductase and is effective against trichomonads in vitro and in vivo. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 690-694.	2.5	32
23	Identification of Conserved Candidate Vaccine Antigens in the Surface Proteome of <i>Giardia lamblia</i> . <i>Infection and Immunity</i> , 2019, 87, .	2.2	21
24	Neutralization of cholera toxin with nanoparticle decoys for treatment of cholera. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006266.	3.0	19
25	Composite Thermoresponsive Hydrogel with Auranofin-Loaded Nanoparticles for Topical Treatment of Vaginal Trichomonad Infection. <i>Advanced Therapeutics</i> , 2019, 2, 1900157.	3.2	19
26	20S Proteasome as a Drug Target in <i>Trichomonas vaginalis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	16
27	Colesevelam ameliorates non-alcoholic steatohepatitis and obesity in mice. <i>Hepatology International</i> , 2022, 16, 359-370.	4.2	15
28	Deazapurine Nucleoside Analogues for the Treatment of <i>Trichomonas vaginalis</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 1752-1764.	3.8	14
29	Characterization of Metronidazole-Resistant <i>Giardia intestinalis</i> Lines by Comparative Transcriptomics and Proteomics. <i>Frontiers in Microbiology</i> , 2022, 13, 834008.	3.5	14
30	Validation of <i>Babesia</i> proteasome as a drug target. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 394-402.	3.4	13
31	Design of cluster-specific 16S rDNA oligonucleotide probes to identify bacteria of the Bacteroidessubgroup harbored in human feces. <i>FEMS Microbiology Letters</i> , 1999, 177, 143-149.	1.8	11
32	Subsidy system for purchasing hearing aids for moderately hearing-impaired children in Mie prefecture. <i>Audiology Japan</i> , 2008, 51, 279-285.	0.1	11
33	Click chemistry-facilitated comprehensive identification of proteins adducted by antimicrobial 5-nitroimidazoles for discovery of alternative drug targets against giardiasis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008224.	3.0	9
34	Comprehensive characterization of purine and pyrimidine transport activities in <i>Trichomonas vaginalis</i> and functional cloning of a trichomonad nucleoside transporter. <i>Molecular Microbiology</i> , 2021, 116, 1489-1511.	2.5	9
35	Microbiota and Alcoholic Liver Disease. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1791-1792.	2.4	8
36	Codelivery of Antigens and Adjuvant in Polymeric Nanoparticles Coated With Native Parasite Membranes Induces Protective Mucosal Immunity Against <i>Giardia lamblia</i> . <i>Journal of Infectious Diseases</i> , 2022, 226, 319-323.	4.0	8

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37	Evaluation of Peroxides and Chlorine Oxides as Disinfectants for Chemical Sterilization of Gnotobiotic Rodent Isolators. <i>Journal of the American Association for Laboratory Animal Science</i> , 2019, 58, 558-568.	1.2	7
38	Gold(I) Phosphine Derivatives with Improved Selectivity as Topically Active Drug Leads to Overcome 5-Nitroheterocyclic Drug Resistance in <i>Trichomonas vaginalis</i> . <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6608-6620.	6.4	7
39	Click Chemistry-Facilitated Structural Diversification of Nitrothiazoles, Nitrofurans, and Nitropyrroles Enhances Antimicrobial Activity against <i>Giardia lamblia</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	6
40	Distribution Analysis of Six Predominant <i>Bacteroides</i> Species in Normal Human Feces Using 16S rDNA-Targeted Species-Specific Primers. <i>Microbial Ecology in Health and Disease</i> , 2002, 14, 133-136.	3.5	5
41	Microbiota Modulates Cardiac Transcriptional Responses to Intermittent Hypoxia and Hypercapnia. <i>Frontiers in Physiology</i> , 2021, 12, 680275.	2.8	4
42	Conserved metabolic enzymes as vaccine antigens for giardiasis. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010323.	3.0	3
43	Comparison of Bacteriological, Genetic and Pathological Characters between <i>Escherichia coli</i> O115a,c:K(B) and <i>Citrobacter rodentium</i> . <i>Experimental Animals</i> , 2001, 50, 183-186.	1.1	2