

# Riyoko Tamai

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,218  
citations

331670

21  
h-index

361022

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic Effect of Muramyl dipeptide with Lipopolysaccharide or Lipoteichoic Acid To Induce Inflammatory Cytokines in Human Monocytic Cells in Culture. <i>Infection and Immunity</i> , 2001, 69, 2045-2053.	2.2	193
2	Contrasting responses of human gingival and periodontal ligament fibroblasts to bacterial cell-surface components through the CD14/Toll-like receptor system. <i>Oral Microbiology and Immunology</i> , 2003, 18, 14-23.	2.8	88
3	Chemical structure and immunobiological activity of <i>Porphyromonas gingivalis</i> lipid A. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 3795.	3.0	87
4	<i>Candida albicans</i> enhances invasion of human gingival epithelial cells and gingival fibroblasts by <i>Porphyromonas gingivalis</i> . <i>Microbial Pathogenesis</i> , 2011, 51, 250-254.	2.9	66
5	Natural killer cell activities of synbiotic <i>Lactobacillus casei</i> ssp. <i>casei</i> in conjunction with dextran. <i>Clinical and Experimental Immunology</i> , 2006, 143, 103-109.	2.6	63
6	Contrasting responses of human gingival and colonic epithelial cells to lipopolysaccharides, lipoteichoic acids and peptidoglycans in the presence of soluble CD14. <i>Medical Microbiology and Immunology</i> , 2001, 189, 185-192.	4.8	59
7	Cell activation by monosaccharide lipid A analogues utilizing Toll-like receptor 4. <i>Immunology</i> , 2003, 110, 66-72.	4.4	54
8	Chemical structure and immunobiological activity of lipid A from <i>Prevotella intermedia</i> ATCC 25611 lipopolysaccharide. <i>FEBS Letters</i> , 2003, 543, 98-102.	2.8	51
9	Requirement for Intercellular Adhesion Molecule 1 and Caveolae in Invasion of Human Oral Epithelial Cells by <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , 2005, 73, 6290-6298.	2.2	50
10	Human Gingival CD14+ Fibroblasts Primed with Gamma Interferon Increase Production of Interleukin-8 in Response to Lipopolysaccharide through Up-Regulation of Membrane CD14 and MyD88 mRNA Expression. <i>Infection and Immunity</i> , 2002, 70, 1272-1278.	2.2	40
11	Characterization of Lacrimal Gland Carbonic Anhydrase VI. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 821-827.	2.5	40
12	Alendronate augments interleukin-1 $\beta$ release from macrophages infected with periodontal pathogenic bacteria through activation of caspase-1. <i>Toxicology and Applied Pharmacology</i> , 2009, 235, 97-104.	2.8	35
13	Monocytic Cell Activation by Nonendotoxic Glycoprotein from <i>Prevotella intermedia</i> ATCC 25611 Is Mediated by Toll-Like Receptor 2. <i>Infection and Immunity</i> , 2001, 69, 4951-4957.	2.2	33
14	Mouse macrophages primed with alendronate down-regulate monocyte chemoattractant protein-1 (MCP-1) and macrophage inflammatory protein-1 $\beta$ (MIP-1 $\beta$ ) production in response to Toll-like receptor (TLR) 2 and TLR4 agonist via Smad3 activation. <i>International Immunopharmacology</i> , 2009, 9, 1115-1121.	3.8	30
15	Innate immune responses in oral mucosa. <i>Journal of Endotoxin Research</i> , 2002, 8, 465-468.	2.5	26
16	Correlation between chemical structure and biological activities of <i>Porphyromonas gingivalis</i> synthetic lipopeptide derivatives. <i>Clinical and Experimental Immunology</i> , 2006, 146, 159-168.	2.6	25
17	Expression of IL-2 receptor $\beta$ and $\gamma$ chains by human gingival fibroblasts and up-regulation of adhesion to neutrophils in response to IL-2. <i>Journal of Leukocyte Biology</i> , 2003, 74, 352-359.	3.3	23
18	Gastrointestinal colonisation and systemic spread of <i>Candida albicans</i> in mice treated with antibiotics and prednisolone. <i>Microbial Pathogenesis</i> , 2018, 117, 191-199.	2.9	23

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19	Synergistic effects of lipopolysaccharide and interferon- $\gamma$ in inducing interleukin-8 production in human monocytic THP-1 cells is accompanied by up-regulation of CD14, Toll-like receptor 4, MD-2 and MyD88 expression. <i>Journal of Endotoxin Research</i> , 2003, 9, 145-153.	2.5	21
20	<i>Veillonella nakazawae</i> sp. nov., an anaerobic Gram-negative coccus isolated from the oral cavity of Japanese children. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	21
21	<i>Porphyromonas gingivalis</i> with either <i>Tannerella forsythia</i> or <i>Treponema denticola</i> induces synergistic IL-6 production by murine macrophage-like J774.1 cells. <i>Anaerobe</i> , 2009, 15, 87-90.	2.1	20
22	Alendronate augments lipid A-induced IL-1 $\beta$ release and Smad3/NLRP3/ASC-dependent cell death. <i>Life Sciences</i> , 2018, 198, 8-17.	4.3	14
23	<i>Treponema medium</i> Glycoconjugate Inhibits Activation of Human Gingival Fibroblasts Stimulated with Phenol-Water Extracts of Periodontopathic Bacteria. <i>Journal of Dental Research</i> , 2005, 84, 456-461.	5.2	11
24	Alendronate regulates cytokine production induced by lipid A through nuclear factor- $\kappa$ B and Smad3 activation in human gingival fibroblasts. <i>Journal of Periodontal Research</i> , 2011, 46, 13-20.	2.7	11
25	<i>Candida albicans</i> and <i>Candida parapsilosis</i> Rapidly Up-Regulate Galectin-3 Secretion by Human Gingival Epithelial Cells. <i>Mycopathologia</i> , 2014, 177, 75-79.	3.1	11
26	Innate immunity to <i>Candida albicans</i> . <i>Japanese Dental Science Review</i> , 2015, 51, 59-64.	5.1	11
27	Etidronate down-regulates Toll-like receptor (TLR) 2 ligand-induced proinflammatory cytokine production by inhibiting NF- $\kappa$ B activation. <i>Pharmacological Reports</i> , 2017, 69, 773-778.	3.3	9
28	Amphotericin B Up-regulates Lipid A-induced IL-6 Production via Caspase-8. <i>Journal of Dental Research</i> , 2012, 91, 709-714.	5.2	8
29	Possible requirement of intercellular adhesion molecule-1 for invasion of gingival epithelial cells by <i>Treponema medium</i> . <i>Canadian Journal of Microbiology</i> , 2007, 53, 1232-1238.	1.7	7
30	Extracellular galectin-1 enhances adhesion to and invasion of oral epithelial cells by <i>Porphyromonas gingivalis</i> . <i>Canadian Journal of Microbiology</i> , 2018, 64, 465-471.	1.7	6
31	Heat-killed <i>Candida albicans</i> augments synthetic bacterial component-induced proinflammatory cytokine production. <i>Folia Microbiologica</i> , 2019, 64, 555-566.	2.3	5
32	Beyond bone remodeling—emerging functions of osteoprotegerin in host defense and microbial infection. <i>Integrative Molecular Medicine</i> , 2015, 2, .	0.3	5
33	MPMBP down-regulates Toll-like receptor (TLR) 2 ligand-induced proinflammatory cytokine production by inhibiting NF- $\kappa$ B but not AP-1 activation. <i>International Immunopharmacology</i> , 2020, 79, 106085.	3.8	4
34	Etidronate down-regulates Toll-like receptor 2 ligand-induced chemokine production by inhibiting MyD88 expression and NF- $\kappa$ B activation. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 51-57.	2.4	3
35	Effects of Nitrogen-containing Bisphosphonates on the Response of Human Peripheral Blood Mononuclear Cells and Gingival Fibroblasts to Bacterial Components. <i>Journal of Oral Biosciences</i> , 2010, 52, 268-274.	2.2	2
36	Complete Genome Sequence of <i>Veillonella nakazawae</i> JCM 33966 T (=CCUG 74597 T), Isolated from the Oral Cavity of Japanese Children. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	2

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37	Alendronate Augments Lipid A-Induced IL-1 $\beta$ Release via Activation of ASC but Not Caspase-11. <i>Inflammation</i> , 2021, 44, 2132-2141.	3.8	1
38	Effects of Nitrogen-containing Bisphosphonates on the Response of Human Peripheral Blood Mononuclear Cells and Gingival Fibroblasts to Bacterial Components. <i>Journal of Oral Biosciences</i> , 2010, 52, 268-274.	2.2	0