Koichi Tabeta

List of Publications by Year
in descending order

83 papers	5,982 citations	159585 30 h-index	71685 76 g-index
83 all docs	83 docs citations	83 times ranked	7228 citing authors

#	Article	IF	Citations
1	The relationship between dental metal allergy, periodontitis, and palmoplantar pustulosis: An observational study. Journal of Prosthodontic Research, 2022, 66, 438-444.	2.8	8
2	Rice peptide with amino acid substitution inhibits biofilm formation by Porphyromonas gingivalis and Fusobacterium nucleatum. Archives of Oral Biology, 2021, 121, 104956.	1.8	7
3	Association among periodontitis severity, antiâ€agalactosyl immunoglobulin G titer, and the disease activity of rheumatoid arthritis. Journal of Periodontal Research, 2021, 56, 702-709.	2.7	7
4	Cells/colony motion of oral keratinocytes determined by non-invasive and quantitative measurement using optical flow predicts epithelial regenerative capacity. Scientific Reports, 2021, 11, 10403.	3.3	6
5	The possible mechanism of gastrointestinal cancer development and progression by periodontopathogenic bacteria. Journal of Japanese Society of Periodontology, 2021, 63, 151-157.	0.1	0
6	Ingestion of <i>Porphyromonas gingivalis</i> exacerbates colitis via intestinal epithelial barrier disruption in mice. Journal of Periodontal Research, 2021, 56, 275-288.	2.7	37
7	Characteristics of Aerosols Generated from an Ultrasonic Scaling Device and Prevention of Diffusion by Intra- and Extraoral Suction Devices. Journal of Japanese Society of Periodontology, 2021, 63, 171-182.	0.1	1
8	The periodontal inflamed surface area is associated with the clinical response to biological disease-modifying antirheumatic drugs in rheumatoid arthritis: a retrospective study. Modern Rheumatology, 2020, 30, 990-996.	1.8	10
9	M2 Phenotype Macrophages Colocalize with Schwann Cells in Human Dental Pulp. Journal of Dental Research, 2020, 99, 329-338.	5.2	21
10	Association between serum IgG antibody titers against Porphyromonas gingivalis and liver enzyme levels: A cross-sectional study in Sado Island. Heliyon, 2020, 6, e05531.	3.2	3
11	Nutritional Supplements and Periodontal Disease Preventionâ€”Current Understanding. Current Oral Health Reports, 2020, 7, 154-164.	1.6	0
12	Epithelial TRPV1 channels: Expression, function, and pathogenicity in the oral cavity. Journal of Oral Biosciences, 2020, 62, 235-241.	2.2	5
13	Mutual inhibition between Prkd2 and Bcl6 controls T follicular helper cell differentiation. Science Immunology, 2020, 5, .	11.9	12
14	Erythromycin inhibits neutrophilic inflammation and mucosal disease by upregulating DEL-1. JCI Insight, 2020, 5, .	5.0	20
15	Gingival epithelial barrier: regulation by beneficial and harmful microbes. Tissue Barriers, 2019, 7, e1651158.	3.2	34
16	Antimicrobial function of the polyunsaturated fatty acid KetoC in an experimental model of periodontitis. Journal of Periodontology, 2019, 90, 1470-1480.	3.4	15
17	Noninvasive measurement of cell/colony motion using image analysis methods to evaluate the proliferative capacity of oral keratinocytes as a tool for quality control in regenerative medicine. Journal of Tissue Engineering, 2019, 10, 204173141988152.	5.5	8
18	Indirect regulation of PCSK9 gene in inflammatory response by Porphyromonas gingivalis infection. Heliyon, 2019, 5, e01111.	3.2	3

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19	A peptide derived from rice inhibits alveolar bone resorption via suppression of inflammatory cytokine production. Journal of Periodontology, 2019, 90, 1160-1169.	3.4	8
20	<i>Î²</i>₂-Microglobulin and Neutrophil Gelatinase-Associated Lipocalin, Potential Novel Urine Biomarkers in Periodontitis: A Cross-Sectional Study in Japanese. International Journal of Dentistry, 2019, 2019, 1-10.	1.5	7
21	Bmp signaling in molar cusp formation. Gene Expression Patterns, 2019, 32, 67-71.	0.8	9
22	Peptides from rice endosperm protein restrain periodontal bone loss in mouse model of periodontitis. Archives of Oral Biology, 2019, 98, 132-139.	1.8	15
23	Increased serum <scp>PCSK</scp>9, a potential biomarker to screen for periodontitis, and decreased total bilirubin associated with probing depth in a Japanese community survey. Journal of Periodontal Research, 2018, 53, 446-456.	2.7	14
24	Pneumococcal DNA-binding proteins released through autolysis induce the production of proinflammatory cytokines via toll-like receptor 4. Cellular Immunology, 2018, 325, 14-22.	3.0	23
25	A bacterial metabolite ameliorates periodontal pathogen-induced gingival epithelial barrier disruption via GPR40 signaling. Scientific Reports, 2018, 8, 9008.	3.3	42
26	An ENU-induced splice site mutation of mouse Col1a1 causing recessive osteogenesis imperfecta and revealing a novel splicing rescue. Scientific Reports, 2017, 7, 11717.	3.3	7
27	Useful Immunochromatographic Assay of Calprotectin in Gingival Crevicular Fluid for Diagnosis of Diseased Sites in Patients with Periodontal Diseases. Journal of Periodontology, 2017, 89, 1-19.	3.4	10
28	Neuronal TRPV1 activation regulates alveolar bone resorption by suppressing osteoclastogenesis via CGRP. Scientific Reports, 2016, 6, 29294.	3.3	51
29	Microbiological and Clinical Effects of Sitafloxacin and Azithromycin in Periodontitis Patients Receiving Supportive Periodontal Therapy. Antimicrobial Agents and Chemotherapy, 2016, 60, 1779-1787.	3.2	13
30	Resveratrol suppresses the inflammatory responses of human gingival epithelial cells in a <scp>SIRT</scp>1 independent manner. Journal of Periodontal Research, 2015, 50, 586-593.	2.7	24
31	Ageâ€related alterations in gene expression of gingival fibroblasts stimulated with <i><scp>P</scp>orphyromonas gingivalis</i>. Journal of Periodontal Research, 2014, 49, 536-543.	2.7	17
32	Natural killer <scp>T</scp> cells mediate alveolar bone resorption and a systemic inflammatory response in response to oral infection of mice with <i><scp>P</scp>orphyromonas gingivalis</i>. Journal of Periodontal Research, 2014, 49, 69-76.	2.7	14
33	Epithelial TRPV1 Signaling Accelerates Gingival Epithelial Cell Proliferation. Journal of Dental Research, 2014, 93, 1141-1147.	5.2	14
34	Current evidence and biological plausibility linking periodontitis to atherosclerotic cardiovascular disease. Japanese Dental Science Review, 2014, 50, 55-62.	5.1	14
35	Respond to "No antigen-presentation defect in Unc93b13d/3d (3d) mice". Nature Immunology, 2013, 14, 1102-1103.	14.5	0
36	Profiling biomarkers in gingival crevicular fluid using multiplex bead immunoassay. Archives of Oral Biology, 2013, 58, 724-730.	1.8	47

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37	A Deep Intronic Mutation in the Ankyrin-1 Gene Causes Diminished Protein Expression Resulting in Hemolytic Anemia in Mice. G3: Genes, Genomes, Genetics, 2013, 3, 1687-1695.	1.8	7
38	Increased serum PCSK9 concentrations are associated with periodontal infection but do not correlate with LDL cholesterol concentration. Clinica Chimica Acta, 2012, 413, 154-159.	1.1	32
39	ENU-induced phenovariance in mice: inferences from 587 mutations. BMC Research Notes, 2012, 5, 577.	1.4	46
40	Effect of Porphyromonas gingivalis infection on post-transcriptional regulation of the low-density lipoprotein receptor in mice. Lipids in Health and Disease, 2012, 11, 121.	3.0	24
41	Oral infection with <i>Porphyromonas gingivalis</i> and systemic cytokine profile in C57BL/6.KORâ€<i>ApoE</i>^{<i>shl</i>} mice. Journal of Periodontal Research, 2012, 47, 402-408.	2.7	26
42	Relationship between serum antibody titres to Porphyromonas gingivalis and hs-CRP levels as inflammatory markers of periodontitis. Archives of Oral Biology, 2012, 57, 820-829.	1.8	17
43	Elevated Antibody Titers to Porphyromonas gingivalis as a Possible Predictor of Ischemic Vascular Disease. Journal of Atherosclerosis and Thrombosis, 2011, 18, 808-817.	2.0	10
44	Chronic Oral Infection with Porphyromonas gingivalis Accelerates Atheroma Formation by Shifting the Lipid Profile. PLoS ONE, 2011, 6, e20240.	2.5	111
45	Effect of interleukin-17 on the expression of chemokines in gingival epithelial cells. European Journal of Oral Sciences, 2011, 119, 339-344.	1.5	18
46	Increased expression of C-reactive protein gene in inflamed gingival tissues could be derived from endothelial cells stimulated with interleukin-6. Archives of Oral Biology, 2011, 56, 1312-1318.	1.8	22
47	Periodontitis-associated up-regulation of systemic inflammatory mediator level may increase the risk of coronary heart disease. Journal of Periodontal Research, 2010, 45, 116-122.	2.7	128
48	Interleukin-1 receptor-associated kinase-M in gingival epithelial cells attenuates the inflammatory response elicited by<i>Porphyromonas gingivalis</i>. Journal of Periodontal Research, 2010, 45, 512-9.	2.7	21
49	<i>Porphyromonas gingivalis</i> Antigens and Interleukin-6 Stimulate the Production of Monocyte Chemoattractant Protein-1 via the Upregulation of Early Growth Response-1 Transcription in Human Coronary Artery Endothelial Cells. Journal of Vascular Research, 2010, 47, 346-354.	1.4	24
50	Analysis of immunostimulatory activity of Porphyromonas gingivalis fimbriae conferred by Toll-like receptor 2. Biochemical and Biophysical Research Communications, 2010, 398, 86-91.	2.1	21
51	Analysis of Immune Responses to Purified Recombinant Antigens of Periodontal Pathogens. Methods in Molecular Biology, 2010, 666, 345-357.	0.9	2
52	Unc93B1 biases Toll-like receptor responses to nucleic acid in dendritic cells toward DNA- but against RNA-sensing. Journal of Experimental Medicine, 2009, 206, 1339-1350.	8.5	285
53	Attenuated Activation of Macrophage TLR9 by DNA from Virulent Mycobacteria. Journal of Innate Immunity, 2009, 1, 29-45.	3.8	44
54	Assessment of Chromosome 19 for Genetic Association in Severe Chronic Periodontitis. Journal of Periodontology, 2009, 80, 663-671.	3.4	6

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55	Unc93 homolog B1 regulates the balance of toll-like receptor 7 and toll-like receptor 9 responses reciprocally in dendritic cells. Cytokine, 2009, 48, 26.	3.2	0
56	Up-regulation of the endoplasmic reticulum stress-response in periodontal disease. Clinica Chimica Acta, 2009, 401, 134-140.	1.1	49
57	Elevated expression of IL-17 and IL-12 genes in chronic inflammatory periodontal disease. Clinica Chimica Acta, 2008, 395, 137-141.	1.1	60
58	Quantitative messenger RNA expression of Tollâ€like receptors and interferonâ€Î±1 in gingivitis and periodontitis. Oral Microbiology and Immunology, 2007, 22, 398-402.	2.8	57
59	Herpes Simplex Virus Encephalitis in Human UNC-93B Deficiency. Science, 2006, 314, 308-312.	12.6	674
60	Efficient T Cell Activation via a Toll-Interleukin 1 Receptor-Independent Pathway. Immunity, 2006, 24, 787-799.	14.3	91
61	The Unc93b1 mutation 3d disrupts exogenous antigen presentation and signaling via Toll-like receptors 3, 7 and 9. Nature Immunology, 2006, 7, 156-164.	14.5	714
62	Point mutations in the melanocortin-4 receptor cause variable obesity in mice. Mammalian Genome, 2006, 17, 1162-1171.	2.2	21
63	TLR Signaling Pathways: Opportunities for Activation and Blockade in Pursuit of Therapy. Current Pharmaceutical Design, 2006, 12, 4123-4134.	1.9	56
64	Genetic Analysis of Innate Immunity. Advances in Immunology, 2006, 91, 175-226.	2.2	31
65	An essential role forRxrÎ± in the development of Th2 responses. European Journal of Immunology, 2005, 35, 3414-3423.	2.9	54
66	Genetic Analysis of Innate Immunity: Identification and Function of the TIR Adapter Proteins. , 2005, 560, 29-39.		34
67	Velvet, a Dominant Egfr Mutation That Causes Wavy Hair and Defective Eyelid Development in Mice. Genetics, 2004, 166, 331-340.	2.9	63
68	Tâ€cell clonality to <i>Porphyromonas gingivalis</i> and human heat shock protein 60s in patients with atherosclerosis and periodontitis. Oral Microbiology and Immunology, 2004, 19, 160-167.	2.8	57
69	Genetic analysis of innate immunity: TIR adapter proteins in innate and adaptive immune responses. Microbes and Infection, 2004, 6, 1374-1381.	1.9	26
70	Toll-like receptors 9 and 3 as essential components of innate immune defense against mouse cytomegalovirus infection. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3516-3521.	7.1	837
71	Pinkie, the First Viable Germline Hypomorph Allele of Retinoid X Receptor Alpha, Reveals an Important Role for RXRa in Th2 Development.. Blood, 2004, 104, 313-313.	1.4	2
72	3D, a Novel Mutation That Confers Defective Sensing by Toll-Like Receptors 3, 7 and 9.. Blood, 2004, 104, 3441-3441.	1.4	0

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73	Identification of Lps2 as a key transducer of MyD88-independent TIR signalling. Nature, 2003, 424, 743-748.	27.8	1,138
74	Single-nucleotide Polymorphism in the CD14 Promoter and Periodontal Disease Expression in a Japanese Population. Journal of Dental Research, 2003, 82, 612-616.	5.2	39
75	Lps2and Signal Transduction in Sepsis: At the Intersection of Host Responses to Bacteria and Viruses. Scandinavian Journal of Infectious Diseases, 2003, 35, 563-567.	1.5	18
76	Accumulation of Human Heat Shock Protein 60-Reactive T Cells in the Gingival Tissues of Periodontitis Patients. Infection and Immunity, 2002, 70, 2492-2501.	2.2	89
77	Self-heat shock protein 60 induces tumour necrosis factor-Î± in monocyte-derived macrophage: possible role in chronic inflammatory periodontal disease. Clinical and Experimental Immunology, 2002, 127, 72-77.	2.6	79
78	Characterization of serum antibody to Actinobacillus actinomycetemcomitans GroEL-like protein in periodontitis patients and healthy subjects. Oral Microbiology and Immunology, 2001, 16, 290-295.	2.8	16
79	Interleukin-10 gene promoter polymorphism in Japanese patients with adult and early-onset periodontitis. Journal of Clinical Periodontology, 2001, 28, 828-832.	4.9	80
80	Analysis of Single Nucleotide Polymorphisms in the 5â€²-Flanking Region of Tumor Necrosis Factor-Alpha Gene in Japanese Patients With Early-Onset Periodontitis. Journal of Periodontology, 2001, 72, 1554-1559.	3.4	51
81	Selective expansion of T cells in gingival lesions of patients with chronic inflammatory periodontal disease. Clinical and Experimental Immunology, 2000, 120, 154-161.	2.6	18
82	Elevated humoral immune response to heat shock protein 60 (hsp60) family in periodontitis patients. Clinical and Experimental Immunology, 2000, 120, 285-293.	2.6	123
83	Toll-Like Receptors Confer Responsiveness to Lipopolysaccharide from Porphyromonas gingivalis in Human Gingival Fibroblasts. Infection and Immunity, 2000, 68, 3731-3735.	2.2	135