

Yoshihisa Yamashita

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

4,432
citations

117453

34
h-index

118652

62
g-index

111
all docs

111
docs citations

111
times ranked

5127
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Dentition Status on Physical Disability, Mental Impairment, and Mortality in Institutionalized Elderly People. <i>Journal of Dental Research</i> , 2001, 80, 340-345.	2.5	311
2	Adiponectin inhibits Toll-like receptor family-induced signaling. <i>FEBS Letters</i> , 2005, 579, 6821-6826.	1.3	237
3	Bacterial diversity in saliva and oral health-related conditions: the Hisayama Study. <i>Scientific Reports</i> , 2016, 6, 22164.	1.6	221
4	Relationship between obesity, glucose tolerance, and periodontal disease in Japanese women: the Hisayama study. <i>Journal of Periodontal Research</i> , 2005, 40, 346-353.	1.4	201
5	The oral microbiome and human health. <i>Journal of Oral Science</i> , 2017, 59, 201-206.	0.7	191
6	Interrelationship of oral health status, swallowing function, nutritional status, and cognitive ability with activities of daily living in Japanese elderly people receiving home care services due to physical disabilities. <i>Community Dentistry and Oral Epidemiology</i> , 2013, 41, 173-181.	0.9	171
7	Relationship of Metabolic Syndrome to Periodontal Disease in Japanese Women: The Hisayama Study. <i>Journal of Dental Research</i> , 2007, 86, 271-275.	2.5	168
8	Characteristics of patients complaining of halitosis and the usefulness of gas chromatography for diagnosing halitosis. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2001, 91, 531-534.	1.6	125
9	Tooth Loss and Risk of Dementia in the Community: the Hisayama Study. <i>Journal of the American Geriatrics Society</i> , 2017, 65, e95-e100.	1.3	103
10	Adiponectin inhibits osteoclast formation stimulated by lipopolysaccharide from <i>Actinobacillus actinomycetemcomitans</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2007, 49, 28-34.	2.7	92
11	Serum Levels of Resistin and Adiponectin in Women with Periodontitis: the Hisayama Study. <i>Journal of Dental Research</i> , 2008, 87, 319-322.	2.5	89
12	Relationship Between Metabolic Syndrome and Periodontal Disease in Japanese Adults. <i>Journal of Periodontology</i> , 2009, 80, 1610-1615.	1.7	88
13	Acetaldehyde production by major oral microbes. <i>Oral Diseases</i> , 2015, 21, 748-754.	1.5	87
14	Intake of Dairy Products and Periodontal Disease: The Hisayama Study. <i>Journal of Periodontology</i> , 2008, 79, 131-137.	1.7	81
15	Adiponectin inhibits induction of TNF α /RANKL-stimulated NFATc1 via the AMPK signaling. <i>FEBS Letters</i> , 2008, 582, 451-456.	1.3	80
16	Oral Health and Swallowing Problems. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2013, 1, 216-222.	0.3	80
17	Relationship between nutrition status and dental occlusion in community-dwelling frail elderly people. <i>Geriatrics and Gerontology International</i> , 2013, 13, 50-54.	0.7	78
18	The ecological proportion of indigenous bacterial populations in saliva is correlated with oral health status. <i>ISME Journal</i> , 2009, 3, 65-78.	4.4	77

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19	Identification of the Microbiota in Carious Dentin Lesions Using 16S rRNA Gene Sequencing. PLoS ONE, 2014, 9, e103712.	1.1	75
20	Tongue Microbiota and Oral Health Status in Community-Dwelling Elderly Adults. MSphere, 2018, 3, .	1.3	73
21	Nutritional status and dysphagia risk among community-dwelling frail older adults. Journal of Nutrition, Health and Aging, 2014, 18, 352-357.	1.5	66
22	Compositional Stability of a Salivary Bacterial Population against Supragingival Microbiota Shift following Periodontal Therapy. PLoS ONE, 2012, 7, e42806.	1.1	66
23	Relative abundance of total subgingival plaque-specific bacteria in salivary microbiota reflects the overall periodontal condition in patients with periodontitis. PLoS ONE, 2017, 12, e0174782.	1.1	62
24	Relationships of Variations in the Tongue Microbiota and Pneumonia Mortality in Nursing Home Residents. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1097-1102.	1.7	59
25	Distinct composition of the oral indigenous microbiota in South Korean and Japanese adults. Scientific Reports, 2014, 4, 6990.	1.6	58
26	Characteristics of the Salivary Microbiota in Patients With Various Digestive Tract Cancers. Frontiers in Microbiology, 2019, 10, 1780.	1.5	57
27	Periodontitis Is Associated with Chronic Obstructive Pulmonary Disease. Journal of Dental Research, 2019, 98, 534-540.	2.5	56
28	Periodontal Status and Metabolic Syndrome in Middle-aged Japanese. Journal of Periodontology, 2012, 83, 1363-1371.	1.7	55
29	Dental plaque development on a hydroxyapatite disk in young adults observed by using a barcoded pyrosequencing approach. Scientific Reports, 2015, 5, 8136.	1.6	52
30	Relationship Between Obesity and Physical Fitness and Periodontitis. Journal of Periodontology, 2010, 81, 1124-1131.	1.7	43
31	Improved accuracy in terminal restriction fragment length polymorphism phylogenetic analysis using a novel internal size standard definition. Oral Microbiology and Immunology, 2007, 22, 419-428.	2.8	42
32	Gender differences in the association between metabolic syndrome and periodontal disease: the Hisayama Study. Journal of Clinical Periodontology, 2013, 40, 743-752.	2.3	42
33	Posterior Teeth Occlusion Associated with Cognitive Function in Nursing Home Older Residents: A Cross-Sectional Observational Study. PLoS ONE, 2015, 10, e0141737.	1.1	41
34	Enteral Tube Feeding Alters the Oral Indigenous Microbiota in Elderly Adults. Applied and Environmental Microbiology, 2011, 77, 6739-6745.	1.4	37
35	Microbial community in persistent apical periodontitis: a 16S rRNA gene clone library analysis. International Endodontic Journal, 2015, 48, 717-728.	2.3	36
36	Tooth loss and metabolic syndrome in middle-aged Japanese adults. Journal of Clinical Periodontology, 2016, 43, 482-491.	2.3	33

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37	Globular adiponectin-induced RAW 264 apoptosis is regulated by a reactive oxygen species-dependent pathway involving Bcl-2. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1308-1316.	1.3	32
38	Swallowing function and nutritional status in Japanese elderly people receiving home-care services: A 1-year longitudinal study. <i>Journal of Nutrition, Health and Aging</i> , 2016, 20, 697-704.	1.5	32
39	Microfloral Characterization of the Tongue Coating and Associated Risk for Pneumonia-Related Health Problems in Institutionalized Older Adults. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 1050-1057.	1.3	31
40	Characterization of oral microbiota and acetaldehyde production. <i>Journal of Oral Microbiology</i> , 2018, 10, 1492316.	1.2	29
41	Oral mycobiome in community-dwelling elderly and its relation to oral and general health conditions. <i>Oral Diseases</i> , 2017, 23, 973-982.	1.5	27
42	Effectiveness of the Salivary Occult Blood Test as a Screening Method for Periodontal Status. <i>Journal of Periodontology</i> , 2011, 82, 581-587.	1.7	26
43	Regulation of globular adiponectin-induced apoptosis by reactive oxygen/nitrogen species in RAW264 macrophages. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1326-1339.	1.3	25
44	Identification of Anion Channels Responsible for Fluoride Resistance in Oral Streptococci. <i>PLoS ONE</i> , 2016, 11, e0165900.	1.1	25
45	Association of periodontal status with liver abnormalities and metabolic syndrome. <i>Journal of Oral Science</i> , 2015, 57, 335-343.	0.7	24
46	Tooth loss, swallowing dysfunction and mortality in Japanese older adults receiving home care services. <i>Geriatrics and Gerontology International</i> , 2018, 18, 873-880.	0.7	24
47	Factors affecting the appetites of persons with Alzheimer's disease and mild cognitive impairment. <i>Geriatrics and Gerontology International</i> , 2018, 18, 1236-1243.	0.7	23
48	Expression levels of adiponectin receptors and periodontitis. <i>Journal of Periodontal Research</i> , 2010, 45, 296-300.	1.4	22
49	Identification of Initial Colonizing Bacteria in Dental Plaques from Young Adults Using Full-Length 16S rRNA Gene Sequencing. <i>MSystems</i> , 2019, 4, .	1.7	22
50	Disrupted tongue microbiota and detection of nonindigenous bacteria on the day of allogeneic hematopoietic stem cell transplantation. <i>PLoS Pathogens</i> , 2020, 16, e1008348.	2.1	22
51	Anti-inflammatory activity of a globular adiponectin function on RAW 264 cells stimulated by lipopolysaccharide from <i>Aggregatibacter actinomycetemcomitans</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2009, 56, 241-247.	2.7	21
52	Prognosis-related factors concerning oral and general conditions for homebound older adults in Japan. <i>Geriatrics and Gerontology International</i> , 2015, 15, 1001-1006.	0.7	21
53	Posterior teeth occlusion and dysphagia risk in older nursing home residents: a cross-sectional observational study. <i>Journal of Oral Rehabilitation</i> , 2017, 44, 89-95.	1.3	21
54	Factors associated with dry mouth in dependent Japanese elderly. <i>Gerodontology</i> , 2014, 31, 11-18.	0.8	20

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55	Supervised machine learning-based classification of oral malodor based on the microbiota in saliva samples. <i>Artificial Intelligence in Medicine</i> , 2014, 60, 97-101.	3.8	20
56	Chewing Xylitol Gum Improves Self-Rated and Objective Indicators of Oral Health Status under Conditions Interrupting Regular Oral Hygiene. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 235, 39-46.	0.5	20
57	Molecular analysis of fungal populations in patients with oral candidiasis using next-generation sequencing. <i>Scientific Reports</i> , 2016, 6, 28110.	1.6	20
58	Kinase activity of the <i>dgk</i> gene product is involved in the virulence of <i>Streptococcus mutans</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 557-565.	0.7	18
59	<i>Porphyromonas pasteri</i> sp. nov., isolated from human saliva. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2511-2515.	0.8	18
60	Relationship of toothbrushing to metabolic syndrome in middle-aged adults. <i>Journal of Clinical Periodontology</i> , 2018, 45, 538-547.	2.3	18
61	Transition of Bacterial Diversity and Composition in Tongue Microbiota during the First Two Years of Life. <i>MSphere</i> , 2019, 4, .	1.3	18
62	Risk Factors for Reduced Salivary Flow Rate in a Japanese Population: The Hisayama Study. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	17
63	Exploration of bacterial species associated with the salivary microbiome of individuals with a low susceptibility to dental caries. <i>Clinical Oral Investigations</i> , 2017, 21, 2399-2406.	1.4	17
64	Decreased cognitive function is associated with dysphagia risk in nursing home older residents. <i>Gerodontology</i> , 2018, 35, 376-381.	0.8	17
65	Loss of occlusal support affects the decline in activities of daily living in elderly people receiving home care. <i>Journal of Prosthodontic Research</i> , 2015, 59, 243-248.	1.1	16
66	A novel dnaK operon from <i>Porphyromonas gingivalis</i> . <i>FEBS Letters</i> , 1999, 446, 287-291.	1.3	15
67	Preventive effects of a phospholipid polymer coating on PMMA on biofilm formation by oral streptococci. <i>Applied Surface Science</i> , 2016, 390, 602-607.	3.1	15
68	Effects of oral care with tongue cleaning on coughing ability in geriatric care facilities: a randomised controlled trial. <i>Journal of Oral Rehabilitation</i> , 2016, 43, 953-959.	1.3	15
69	Involvement of the JAK-STAT pathway and SOCS3 in the regulation of adiponectin-generated reactive oxygen species in murine macrophage RAW 264 cells. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 597-606.	1.2	14
70	Periodontal status and lung function decline in the community: the Hisayama study. <i>Scientific Reports</i> , 2018, 8, 13354.	1.6	14
71	Molecular Analysis of Fungal Populations in Patients with Oral Candidiasis Using Internal Transcribed Spacer Region. <i>PLoS ONE</i> , 2014, 9, e101156.	1.1	14
72	Induction of granulocyte colony-stimulating factor by globular adiponectin via the MEK-ERK pathway. <i>Molecular and Cellular Endocrinology</i> , 2008, 292, 20-25.	1.6	13

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73	Association between posterior teeth occlusion and functional dependence among older adults in nursing homes in Japan. <i>Geriatrics and Gerontology International</i> , 2017, 17, 622-627.	0.7	13
74	Effects of xylitol-containing chewing gum on the oral microbiota. <i>Journal of Oral Science</i> , 2018, 60, 588-594.	0.7	13
75	Periodontitis modifies the association between smoking and chronic obstructive pulmonary disease in Japanese men. <i>Journal of Oral Science</i> , 2018, 60, 226-231.	0.7	13
76	Compositional Shift of Oral Microbiota Following Surgical Resection of Tongue Cancer. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 600884.	1.8	13
77	Association between periodontitis and fibrotic progression of non-alcoholic fatty liver among Japanese adults. <i>Journal of Clinical Periodontology</i> , 2021, 48, 368-377.	2.3	13
78	Serum antibody to <i>Porphyromonas gingivalis</i> and periodontitis progression: the Hisayama Study. <i>Journal of Clinical Periodontology</i> , 2015, 42, 719-725.	2.3	12
79	Involvement of mTOR in globular adiponectin-induced generation of reactive oxygen species. <i>Free Radical Research</i> , 2010, 44, 128-134.	1.5	11
80	Longitudinal Associations of Toothbrushing With Obesity and Hyperglycemia. <i>Journal of Epidemiology</i> , 2020, 30, 556-565.	1.1	11
81	Tongue Microbiota Composition and Dental Caries Experience in Primary School Children. <i>MSphere</i> , 2021, 6, .	1.3	10
82	High-Level Acquisition of Maternal Oral Bacteria in Formula-Fed Infant Oral Microbiota. <i>MBio</i> , 2022, 13, e0345221.	1.8	10
83	Binding of the capsule-like serotype-specific polysaccharide antigen and the lipopolysaccharide from <i>Actinobacillus actinomycetemcomitans</i> to human complement-derived opsonins. <i>Oral Microbiology and Immunology</i> , 1998, 13, 348-354.	2.8	9
84	Periodontal status and self-reported systemic health of periodontal patients regularly visiting dental clinics in the 8020 Promotion Foundation Study of Japanese Dental Patients. <i>Journal of Oral Science</i> , 2019, 61, 238-245.	0.7	9
85	Denture Wearing Moderates the Association between Aspiration Risk and Incident Pneumonia in Older Nursing Home Residents: A Prospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 554.	1.2	9
86	<i>Streptococcus mutans</i> diacylglycerol kinase homologue: a potential target for anti-caries chemotherapy. <i>Journal of Medical Microbiology</i> , 2011, 60, 625-630.	0.7	8
87	Effect of Calcium Chloride Hydrothermal Treatment of Titanium on Protein, Cellular, and Bacterial Adhesion Properties. <i>Journal of Clinical Medicine</i> , 2020, 9, 2627.	1.0	8
88	Molecular characterization of fungal populations on the tongue dorsum of institutionalized elderly adults. <i>Oral Diseases</i> , 2012, 18, 771-777.	1.5	7
89	Swallowing disorders and 1-year functional decline in community-dwelling older adults receiving home care. <i>Journal of Oral Rehabilitation</i> , 2017, 44, 982-987.	1.3	7
90	Clinical utility of subgingival plaque-specific bacteria in salivary microbiota for detecting periodontitis. <i>PLoS ONE</i> , 2021, 16, e0253502.	1.1	7

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91	10-year trend of tooth loss and associated factors in a Japanese population-based longitudinal study. <i>BMJ Open</i> , 2021, 11, e048114.	0.8	7
92	Ageing, Mastication, and Malnutrition and Their Associations with Cognitive Disorder: Evidence from Epidemiological Data. <i>Current Oral Health Reports</i> , 2019, 6, 89-99.	0.5	6
93	Yogurt product intake and reduction of tooth loss risk in a Japanese community. <i>Journal of Clinical Periodontology</i> , 2022, 49, 345-352.	2.3	6
94	Gender-Specific Associations of Serum Antibody to <i>Porphyromonas gingivalis</i> and Inflammatory Markers. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	5
95	Investigation of a novel sterilization method for biofilms formed on titanium surfaces. <i>Dental Materials Journal</i> , 2019, 38, 654-662.	0.8	5
96	Dentist gender-related differences in patients' oral health behaviour. <i>Journal of Oral Science</i> , 2020, 62, 32-35.	0.7	5
97	Number of teeth, denture wearing and cognitive function in relation to nutritional status in residents of nursing homes. <i>Gerodontology</i> , 2021, . .	0.8	5
98	Influence of oral health on febrile status in long-term hospitalized elderly patients. <i>Archives of Gerontology and Geriatrics</i> , 2009, 48, 411-414.	1.4	4
99	Diacylglycerol kinase alpha regulates globular adiponectin-induced reactive oxygen species. <i>Free Radical Research</i> , 2011, 45, 336-341.	1.5	4
100	Comparison of the periodontal condition in Korean and Japanese adults: a cross-sectional study. <i>BMJ Open</i> , 2018, 8, bmjopen-2018-024332.	0.8	4
101	Effect of coffee on the compositional shift of oral indigenous microbiota cultured <i>in vitro</i> . <i>Journal of Oral Science</i> , 2019, 61, 418-424.	0.7	4
102	Effects of eradication of <i>Helicobacter pylori</i> on oral malodor and the oral environment: a single-center observational study. <i>BMC Research Notes</i> , 2020, 13, 406.	0.6	4
103	Baseline periodontal status and modifiable risk factors are associated with tooth loss over a 10-year period: Estimates of population attributable risk in a Japanese community. <i>Journal of Periodontology</i> , 2022, 93, 526-536.	1.7	4
104	Gender-dependent associations between occupational status and untreated caries in Japanese adults. <i>Industrial Health</i> , 2018, 56, 539-544.	0.4	3
105	Involvement of Ca ²⁺ in globular adiponectin-induced reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2009, 381, 649-653.	1.0	1
106	Epidemiological Evidences for the Association of Obesity and Metabolic Disorders with Oral Diseases. <i>Current Oral Health Reports</i> , 2017, 4, 51-58.	0.5	1
107	Evaluating Occlusal Caries Using a Non-Destructive Micro-CT Examination. <i>Journal of Hard Tissue Biology</i> , 2009, 18, 35-39.	0.2	1
108	Activities of daily living decline is a predictor of lowered coughing ability and correlates with rehabilitative effect of tongue cleaning on coughing ability. <i>Odontology / the Society of the Nippon Dental University</i> , 2019, 107, 393-400.	0.9	0

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109	Airflow limitation and tongue microbiota in community-dwelling elderly individuals. ERJ Open Research, 2021, 7, 00616-2020.	1.1	0
110	Anthropological Study on the Dental Arch and the Palate of Central American Indian Jicaques. The Journal of the Kyushu Dental Society, 1996, 50, 367-373.	0.0	0