Kazuhiko Nakano

List of Publications by Citations

96 papers	1,999 citations	23 h-index	42 g-index
105 ext. papers	2,447 ext. citations	3.5 avg, IF	4.39 L-index

#	Paper	IF	Citations
96	Involvement of a periodontal pathogen, Porphyromonas gingivalis on the pathogenesis of non-alcoholic fatty liver disease. *BMC Gastroenterology*, **2012**, 12, 16	3	160
95	Detection of cariogenic Streptococcus mutans in extirpated heart valve and atheromatous plaque specimens. *Journal of Clinical Microbiology*, **2006**, 44, 3313-7	9.7	160
94	The collagen-binding protein of Streptococcus mutans is involved in haemorrhagic stroke. *Nature Communications*, **2011**, 2, 485	17.4	107
93	Demonstration of Streptococcus mutans with a cell wall polysaccharide specific to a new serotype, k, in the human oral cavity. *Journal of Clinical Microbiology*, **2004**, 42, 198-202	9.7	103
92	Serotype classification of Streptococcus mutans and its detection outside the oral cavity. *Future Microbiology*, **2009**, 4, 891-902	2.9	78
91	Isolation and characterization of Streptococcus mutans in heart valve and dental plaque specimens from a patient with infective endocarditis. *Journal of Medical Microbiology*, **2006**, 55, 1135-1140	3.2	74
90	Streptococcus mutans clonal variation revealed by multilocus sequence typing. *Journal of Clinical Microbiology*, **2007**, 45, 2616-25	9.7	73
89	Infection of specific strains of Streptococcus mutans, oral bacteria, confers a risk of ulcerative colitis. *Scientific Reports*, **2012**, 2, 332	4.9	70
88	Molecular and clinical analyses of the gene encoding the collagen-binding adhesin of Streptococcus mutans. *Journal of Medical Microbiology*, **2009**, 58, 469-475	3.2	66
87	Roles of oral bacteria in cardiovascular diseases--from molecular mechanisms to clinical cases: Cell-surface structures of novel serotype k Streptococcus mutans strains and their correlation to virulence. *Journal of Pharmacological Sciences*, **2010**, 113, 120-5	3.7	58
86	Comparative genomic analyses of Streptococcus mutans provide insights into chromosomal shuffling and species-specific content. *BMC Genomics*, **2009**, 10, 358	4.5	56
85	Serotype distribution of Streptococcus mutans a pathogen of dental caries in cardiovascular specimens from Japanese patients. *Journal of Medical Microbiology*, **2007**, 56, 551-556	3.2	50
84	Development of a PCR method for rapid identification of new Streptococcus mutans serotype k strains. *Journal of Clinical Microbiology*, **2004**, 42, 4925-30	9.7	49
83	JCS 2017 Guideline on Prevention and Treatment of Infective Endocarditis. *Circulation Journal*, **2019**, 83, 1767-1809	2.9	48
82	Distribution of 10 periodontal bacteria in saliva samples from Japanese children and their mothers. *Archives of Oral Biology*, **2006**, 51, 371-7	2.8	43
81	Contribution of cell surface protein antigen PAc of Streptococcus mutans to bacteremia. *Microbes and Infection*, **2006**, 8, 114-21	9.3	41
80	Biochemical and genetic characterization of serologically untypable Streptococcus mutans strains isolated from patients with bacteremia. *European Journal of Oral Sciences*, **2001**, 109, 330-4	2.3	41

79	Intracerebral hemorrhage and deep microbleeds associated with cnm-positive Streptococcus mutans; a hospital cohort study. *Scientific Reports*, **2016**, 6, 20074	4.9	39
78	Detection of novel serotype k Streptococcus mutans in infective endocarditis patients. *Journal of Medical Microbiology*, **2007**, 56, 1413-1415	3.2	38
77	Contribution of the interaction of Streptococcus mutans serotype k strains with fibrinogen to the pathogenicity of infective endocarditis. *Infection and Immunity*, **2014**, 82, 5223-34	3.7	34
76	Molecular detection of human periodontal pathogens in oral swab specimens from dogs in Japan. *Journal of Veterinary Dentistry*, **2011**, 28, 84-9	1	34
75	Presence of Streptococcus mutans strains harbouring the cnm gene correlates with dental caries status and IgA nephropathy conditions. *Scientific Reports*, **2016**, 6, 36455	4.9	26
74	Oral Cnm-positive Streptococcus Mutans Expressing Collagen Binding Activity is a Risk Factor for Cerebral Microbleeds and Cognitive Impairment. *Scientific Reports*, **2016**, 6, 38561	4.9	25
73	Detection of Helicobacter pylori DNA in inflamed dental pulp specimens from Japanese children and adolescents. *Journal of Medical Microbiology*, **2015**, 64, 117-123	3.2	23
72	Contribution of the Collagen-Binding Proteins of Streptococcus mutans to Bacterial Colonization of Inflamed Dental Pulp. *PLoS ONE*, **2016**, 11, e0159613	3.7	23
71	Common knowledge regarding prevention of infective endocarditis among general dentists in Japan. *Journal of Cardiology*, **2011**, 57, 123-30	3	21
70	Multilocus sequence typing analysis of Streptococcus mutans strains with the cnm gene encoding collagen-binding adhesin. *Journal of Medical Microbiology*, **2011**, 60, 1677-1684	3.2	19
69	Complete genome sequence of the serotype k Streptococcus mutans strain LJ23. *Journal of Bacteriology*, **2012**, 194, 2754-5	3.5	18
68	Repeated bacteraemia caused by Streptococcus mutans in a patient with Sjogren\'s syndrome. *Journal of Medical Microbiology*, **2007**, 56, 988-992	3.2	18
67	CovR Regulates Streptococcus mutans Susceptibility To Complement Immunity and Survival in Blood. *Infection and Immunity*, **2016**, 84, 3206-3219	3.7	18
66	Distribution of Streptococcus mutans strains with collagen-binding proteins in the oral cavity of IgA nephropathy patients. *Clinical and Experimental Nephrology*, **2015**, 19, 844-50	2.5	17
65	A Potential New Risk Factor for Stroke: Streptococcus Mutans With Collagen-Binding Protein. *World Neurosurgery*, **2018**, 113, e77-e81	2.1	17
64	Contributions of Streptococcus mutans Cnm and PA antigens to aggravation of non-alcoholic steatohepatitis in mice. *Scientific Reports*, **2016**, 6, 36886	4.9	17
63	Molecular characterization of Streptococcus mutans strains isolated from the heart valve of an infective endocarditis patient. *Journal of Medical Microbiology*, **2008**, 57, 891-895	3.2	16
62	Distribution of Porphyromonas gingivalis fimA genotypes in Japanese children and adolescents. *Journal of Periodontology*, **2005**, 76, 674-9	4.6	16

61	Amoxicillin-resistant oral streptococci identified in dental plaque specimens from healthy Japanese adults. *Journal of Cardiology*, **2012**, 59, 285-90	3	13
60	Contribution of Streptococcus mutans Strains with Collagen-Binding Proteins in the Presence of Serum to the Pathogenesis of Infective Endocarditis. *Infection and Immunity*, **2017**, 85,	3.7	12
59	Adhesion and invasion of gingival epithelial cells by Porphyromonas gulae. *PLoS ONE*, **2019**, 14, e0213309	3.7	12
58	Diversity of fimbrillin among Porphyromonas gulae clinical isolates from Japanese dogs. *Journal of Veterinary Medical Science*, **2012**, 74, 885-91	1.1	12
57	Specific strains of Streptococcus mutans, a pathogen of dental caries, in the tonsils, are associated with IgA nephropathy. *Scientific Reports*, **2019**, 9, 20130	4.9	12
56	Distribution of amoxicillin-resistant oral streptococci in dental plaque specimens obtained from Japanese children and adolescents at risk for infective endocarditis. *Journal of Cardiology*, **2013**, 62, 296-300	3	11
55	Mother-to-child transmission of mutans streptococci. *Future Microbiology*, **2014**, 9, 807-23	2.9	11
54	Distribution of periodontopathic bacterial species in Japanese children with developmental disabilities. *BMC Oral Health*, **2009**, 9, 24	3.7	11
53	Potential involvement of Streptococcus mutans possessing collagen binding protein Cnm in infective endocarditis. *Scientific Reports*, **2020**, 10, 19118	4.9	11
52	Multilocus sequence typing of Streptococcus mutans strains with the cbm gene encoding a novel collagen-binding protein. *Archives of Oral Biology*, **2013**, 58, 989-96	2.8	10
51	Distribution and molecular characterization of Porphyromonas gulae carrying a new fimA genotype. *Veterinary Microbiology*, **2012**, 161, 196-205	3.3	10
50	Oral manifestations of patients with hypophosphatasia. *Pediatric Dental Journal*, **2012**, 22, 155-162	0.5	10
49	Correlation of age with distribution of periodontitis-related bacteria in Japanese dogs. *Journal of Veterinary Medical Science*, **2013**, 75, 999-1001	1.1	10
48	Molecular and clinical analyses of Helicobacter pylori colonization in inflamed dental pulp. *BMC Oral Health*, **2018**, 18, 64	3.7	9
47	Contribution of Severe Dental Caries Induced by Streptococcus mutans to the Pathogenicity of Infective Endocarditis. *Infection and Immunity*, **2020**, 88,	3.7	9
46	Current knowledge among Japanese experienced general dentists regarding prevention of infective endocarditis. *Odontology / the Society of the Nippon Dental University*, **2018**, 106, 297-305	3.6	8
45	Bacterial profiles of oral streptococcal and periodontal bacterial species in saliva specimens from Japanese subjects. *Archives of Oral Biology*, **2009**, 54, 374-9	2.8	8
44	Japanese nationwide survey of hypophosphatasia reveals prominent differences in genetic and dental findings between odonto and non-odonto types. *PLoS ONE*, **2019**, 14, e0222931	3.7	7

43	Streptococcus mutans induces IgA nephropathy-like glomerulonephritis in rats with severe dental caries. *Scientific Reports*, **2021**, 11, 5784	4.9	7
42	Oral findings in patient with lethal hypophosphatasia treated with enzyme replacement therapy. *Pediatric Dental Journal*, **2017**, 27, 153-156	0.5	6
41	Longitudinal comparison of -induced aggravation of non-alcoholic steatohepatitis in mice. *Journal of Oral Microbiology*, **2018**, 10, 1428005	6.3	6
40	Campylobacter rectus in the Oral Cavity Correlates with Proteinuria in Immunoglobulin A Nephropathy Patients. *Nephron*, **2018**, 139, 143-149	3.3	6
39	Variation of expression defects in cell surface 190-kDa protein antigen of Streptococcus mutans. *International Journal of Medical Microbiology*, **2015**, 305, 383-91	3.7	5
38	Short communication: Distribution of Porphyromonas gulae fimA genotypes in oral specimens from dogs with mitral regurgitation. *Research in Veterinary Science*, **2015**, 102, 49-52	2.5	5
37	Oral Carriage of Harboring the Gene Relates to an Increased Incidence of Cerebral Microbleeds. *Stroke*, **2020**, 51, 3632-3639	6.7	5
36	Distribution of and Periodontopathic Bacterial Species in the Oral Cavity. *Biomedicines*, **2020**, 8,	4.8	5
35	Isolation and characterization of Streptococcus mitis from blood of child with osteomyelitis. *International Journal of Paediatric Dentistry*, **2011**, 21, 192-9	3.1	5
34	Distribution of oral streptococci highly resistant to amoxicillin in dental plaque specimens from Japanese children and adolescents. *Journal of Medical Microbiology*, **2011**, 60, 1853-1859	3.2	5
33	Association between Helicobacter pylori infection and dental pulp reservoirs in Japanese adults. *BMC Oral Health*, **2019**, 19, 267	3.7	5
32	Identification and molecular characterization of Porphyromonas gulae fimA types among cat isolates. *Veterinary Microbiology*, **2019**, 229, 100-109	3.3	5
31	Detection of oral streptococci with collagen-binding properties in saliva specimens from mothers and their children. *International Journal of Paediatric Dentistry*, **2010**, 20, 254-60	3.1	4
30	Early exfoliation of permanent tooth in patient with hypophosphatasia. *Pediatric Dental Journal*, **2017**, 27, 173-178	0.5	3
29	Potential involvement of Helicobacter pylori from oral specimens in overweight body-mass index. *Scientific Reports*, **2019**, 9, 4845	4.9	3
28	Inhibition of Porphyromonas gulae and periodontal disease in dogs by a combination of clindamycin and interferon alpha. *Scientific Reports*, **2020**, 10, 3113	4.9	3
27	Inverted maxillary second primary molar and permanent successor teeth: X-ray photographic evaluations. *Pediatric Dental Journal*, **2009**, 19, 123-129	0.5	3
26	Intravenous administration of Streptococcus mutans induces IgA nephropathy-like lesions. *Clinical and Experimental Nephrology*, **2020**, 24, 1122-1131	2.5	3

25	Comparison of oral flora before and after triple therapy for Helicobacter pylori eradication in patient with gastric disease. *Odontology / the Society of the Nippon Dental University*, **2019**, 107, 261-267	3.6	3
24	Inhibitory effect of a mouth rinse formulated with chlorhexidine gluconate, ethanol, and green tea extract against major oral bacterial species. *Journal of Oral Science*, **2020**, 62, 206-211	1.5	2
23	Current knowledge among pediatric dentistry specialists in Japan regarding prevention of infective endocarditis. *Pediatric Dental Journal*, **2018**, 28, 110-117	0.5	2
22	Molecular Typing of Streptococcus mutans **2013**, 127-147		2
21	Impacted primary second molar with odontoma identified in the adjacent tissue. *Pediatric Dental Journal*, **2009**, 19, 117-122	0.5	2
20	Clinical and microbiological evaluations of children with hypophosphatasia affected by periodontitis. *Pediatric Dental Journal*, **2007**, 17, 84-92	0.5	2
19	Filling paste extruded from primary root canal remains for extended period: Two case reports. *Pediatric Dental Journal*, **2006**, 16, 111-114	0.5	2
18	Porphyromonas gulae lipopolysaccharide elicits inflammatory responses through toll-like receptor 2 and 4 in human gingivalis epithelial cells. *Cellular Microbiology*, **2020**, 22, e13254	3.9	2
17	Roles of Porphyromonas gulae proteases in bacterial and host cell biology. *Cellular Microbiology*, **2021**, 23, e13312	3.9	2
16	Relationship between expressing Cnm in the oral cavity and non-alcoholic steatohepatitis: a pilot study. *BMJ Open Gastroenterology*, **2019**, 6, e000329	3.9	2
15	Dental Manifestations Leading to the Diagnosis of Hypophosphatasia in Two Children. *Journal of Dentistry for Children*, **2020**, 87, 179-183	0.4	2
14	VicRK and CovR polymorphisms in strains associated with cardiovascular infections.. *Journal of Medical Microbiology*, **2021**, 70,	3.2	2
13	Long-term follow-up of delayed development of maxillary right second premolar with inversely positioned corresponding primary molar. *Pediatric Dental Journal*, **2013**, 23, 62-65	0.5	1
12	Horizontal impaction of primary mandibular bilateral central incisors identified in 2-year-8-month-old girl. *Pediatric Dental Journal*, **2013**, 23, 66-69	0.5	1
11	Ankylosed Primary Molar in a Japanese Child with Hypophosphatasia. *Dentistry Journal*, **2020**, 9,	3.1	1
10	Efficacy of FimA antibody and clindamycin in silkworm larvae stimulated with. *Journal of Oral Microbiology*, **2021**, 13, 1914499	6.3	1
9	Isolation of amoxicillin-resistant oral streptococci from children and their mothers. *Pediatric Dental Journal*, **2015**, 25, 8-13	0.5	0
8	Evaluation of alveolar bone hypomineralization in pediatric hypophosphatasia using orthopantomography.. *Scientific Reports*, **2022**, 12, 1211	4.9	0

7	Dental effects of enzyme replacement therapy in case of childhood-type hypophosphatasia. *BMC Oral Health*, **2021**, 21, 323	3.7	0
6	Compound Odontoma Removed by Endoscopic Intraoral Approach: Case Report. *Dentistry Journal*, **2021**, 9,	3.1	0
5	Evaluation of the collagen-binding properties and virulence of killed Streptococcus mutans in a silkworm model.. *Scientific Reports*, **2022**, 12, 2800	4.9	0
4	Delayed eruption of mandibular primary central incisors in a child with severe lingual inclination and their spontaneous movement to appropriate positions. *Pediatric Dental Journal*, **2014**, 24, 120-123	0.5	
3	Successful application of molecular biological technique for evaluation of changes in periodontopathic bacteria in Japanese children with developmental disabilities. *Pediatric Dental Journal*, **2011**, 21, 56-62	0.5	
2	Displacement of maxillary right second premolar caused by gutta percha filling in corresponding primary molar. *Pediatric Dental Journal*, **2018**, 28, 13-18	0.5	
1	In Reply to "Streptococcus mutans with Collagen-Binding Protein: From Oral Cavity to Brain". *World Neurosurgery*, **2018**, 115, 487	2.1	