Mikio Shoji

List of Publications by Year
in descending order

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43	2,261	279798	233421
papers	citations	23 h-index	45 g-index

47	47	47	1654
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of the O-Glycoproteome of Porphyromonas gingivalis. Microbiology Spectrum, 2022, 10, e0150221.	3.0	11
2	Insertional Inactivation and Gene Complementation of Prevotella intermedia Type IX Secretion System Reveals Its Indispensable Roles in Black Pigmentation, Hemagglutination, Protease Activity of Interpain A, and Biofilm Formation. Journal of Bacteriology, 2022, 204, .	2.2	3
3	Insertional Inactivation of Prevotella intermedia OxyR Results in Reduced Survival with Oxidative Stress and in the Presence of Host Cells. Microorganisms, 2021, 9, 551.	3.6	11
4	Transport and Polymerization of Porphyromonas gingivalis Type V Pili. Methods in Molecular Biology, 2021, 2210, 61-73.	0.9	1
5	Effect of Porphyromonas gingivalis infection on gut dysbiosis and resultant arthritis exacerbation in mouse model. Arthritis Research and Therapy, 2020, 22, 249.	3.5	43
6	Biogenesis of Type V pili. Microbiology and Immunology, 2020, 64, 643-656.	1.4	14
7	Type IX Secretion System Cargo Proteins Are Glycosylated at the C Terminus with a Novel Linking Sugar of the Wbp/Vim Pathway. MBio, 2020, 11, .	4.1	24
8	PorA, a conserved C-terminal domain-containing protein, impacts the PorXY-SigP signaling of the type IX secretion system. Scientific Reports, 2020, 10, 21109.	3.3	7
9	Structure of polymerized type V pilin reveals assembly mechanism involving protease-mediated strand exchange. Nature Microbiology, 2020, 5, 830-837.	13.3	27
10	PGN_0297 is an essential component of the type IX secretion system (T9SS) in Porphyromonas gingivalis: Tnâ€seq analysis for exhaustive identification of T9SSâ€related genes. Microbiology and Immunology, 2019, 63, 11-20.	1.4	26
11	Identification of genes encoding glycosyltransferases involved in lipopolysaccharide synthesis in Porphyromonas gingivalis. Molecular Oral Microbiology, 2018, 33, 68-80.	2.7	19
12	Porphyromonas gingivalis triggers NLRP3â€mediated inflammasome activation in macrophages in a bacterial gingipainsâ€independent manner. European Journal of Immunology, 2018, 48, 1965-1974.	2.9	27
13	Immunoglobulinâ€like domains of the cargo proteins are essential for protein stability during secretion by the type IX secretion system. Molecular Microbiology, 2018, 110, 64-81.	2.5	11
14	The complete genome sequencing ofPrevotella intermediastrain OMA14 and a subsequent fine-scale, intra-species genomic comparison reveal an unusual amplification of conjugative and mobile transposons and identify a novelPrevotella-lineage-specific repeat. DNA Research, 2016, 23, dsv032.	3.4	17
15	A Distinct Type of Pilus from the Human Microbiome. Cell, 2016, 165, 690-703.	28.9	78
16	A two-component system regulates gene expression of the type IX secretion component proteins via an ECF sigma factor. Scientific Reports, 2016, 6, 23288.	3.3	66
17	Glycobiology of the oral pathogen Porphyromonas gingivalis and related species. Microbial Pathogenesis, 2016, 94, 35-41.	2.9	24
18	Lack of a surface layer in Tannerella forsythia mutants deficient in the type IX secretion system. Microbiology (United Kingdom), 2014, 160, 2295-2303.	1.8	49

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19	Analysis of a Lys-specific serine endopeptidase secreted via the type IX secretion system inPorphyromonas gingivalis. FEMS Microbiology Letters, 2014, 354, 60-68.	1.8	19
20	Involvement of the Wbp pathway in the biosynthesis of Porphyromonas gingivalis lipopolysaccharide with anionic polysaccharide. Scientific Reports, 2014, 4, 5056.	3.3	39
21	Identification ofPorphyromonas gingivalisproteins secreted by the Por secretion system. FEMS Microbiology Letters, 2013, 338, 68-76.	1.8	123
22	Identification of an Oâ€antigen chain length regulator, WzzP, in <scp>P</scp>orphyromonas gingivalis. MicrobiologyOpen, 2013, 2, 383-401.	3.0	33
23	Por Secretion System-Dependent Secretion and Glycosylation of Porphyromonas gingivalis Hemin-Binding Protein 35. PLoS ONE, 2011, 6, e21372.	2.5	142
24	Effects of non-iron metalloporphyrins on growth and gene expression of Porphyromonas gingivalis. Microbiology and Immunology, 2011, 55, 141-153.	1.4	15
25	Characterization of the Porphyromonas gingivalis conjugative transposon CTnPg1: determination of the integration site and the genes essential for conjugal transfer. Microbiology (United Kingdom), 2011, 157, 2022-2032.	1.8	21
26	Characterization of hemin-binding protein 35 (HBP35) in Porphyromonas gingivalis: its cellular distribution, thioredoxin activity and role in heme utilization. BMC Microbiology, 2010, 10, 152.	3.3	48
27	Hemagglutinin/Adhesin domains ofPorphyromonas gingivalisplay key roles in coaggregation withTreponema denticola. FEMS Immunology and Medical Microbiology, 2010, 60, 251-260.	2.7	56
28	Recombinant Porphyromonas gingivalis FimA preproprotein expressed in Escherichia coli is lipidated and the mature or processed recombinant FimA protein forms a short filament in vitro. Canadian Journal of Microbiology, 2010, 56, 959-967.	1.7	20
29	Porphyromonas gingivalis Peptidoglycans Induce Excessive Activation of the Innate Immune System in Silkworm Larvae*. Journal of Biological Chemistry, 2010, 285, 33338-33347.	3.4	52
30	A protein secretion system linked to bacteroidete gliding motility and pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 276-281.	7.1	307
31	Identification of a Gingipain-Sensitive Surface Ligand ofPorphyromonas gingivalisThat Induces Toll-Like Receptor 2- and 4-Independent NF-Î°B Activation in CHO Cells. Infection and Immunity, 2009, 77, 4414-4420.	2.2	10
32	Proteome analysis of Porphyromonas gingivalis cells placed in a subcutaneous chamber of mice. Oral Microbiology and Immunology, 2008, 23, 413-418.	2.8	24
33	Determination of the Genome Sequence of Porphyromonas gingivalis Strain ATCC 33277 and Genomic Comparison with Strain W83 Revealed Extensive Genome Rearrangements in P. gingivalis. DNA Research, 2008, 15, 215-225.	3.4	243
34	Porphyromonas gingivalis-induced platelet aggregation in plasma depends on Hgp44 adhesin but not Rgp proteinase. Molecular Microbiology, 2006, 59, 152-167.	2.5	73
35	Superoxide dismutase-encoding gene of the obligate anaerobe Porphyromonas gingivalis is regulated by the redox-sensing transcription activator OxyR. Microbiology (United Kingdom), 2006, 152, 955-966.	1.8	43
36	Identification of a New Membrane-associated Protein That Influences Transport/Maturation of Gingipains and Adhesins of Porphyromonas gingivalis. Journal of Biological Chemistry, 2005, 280, 8668-8677.	3.4	135

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37	Novel stationary-phase-upregulated protein of Porphyromonas gingivalis influences production of superoxide dismutase, thiol peroxidase and thioredoxin. Microbiology (United Kingdom), 2005, 151, 841-853.	1.8	24
38	A Comprehensive Study on the Immunological Reactivity of the Hsp90 Molecular Chaperone. Journal of Biochemistry, 2004, 136, 711-722.	1.7	10
39	The major structural components of two cell surface filaments of Porphyromonas gingivalis are matured through lipoprotein precursors. Molecular Microbiology, 2004, 52, 1513-1525.	2.5	75
40	Autolysis of Porphyromonas gingivalis Is Accompanied by an Increase in Several Periodontal Pathogenic Factors in the Supernatant. Microbiology and Immunology, 2004, 48, 541-545.	1.4	7
41	Purification, Gene Cloning, Gene Expression, and Mutants of Dps from the Obligate Anaerobe Porphyromonas gingivalis. Infection and Immunity, 2003, 71, 1170-1178.	2.2	106
42	Construction and characterization of a nonpigmented mutant of Porphyromonas gingivalis: cell surface polysaccharide as an anchorage for gingipains The GenBank/EMBL/DDBJ accession number for the sequences reported in this paper is D64132.. Microbiology (United Kingdom), 2002, 148, 1183-1191.	1.8	86
43	Increase in Resistance of Methicillin-Resistant Staphylococcus aureus to Î²-Lactams Caused by Mutations Conferring Resistance to Benzalkonium Chloride, a Disinfectant Widely Used in Hospitals . Antimicrobial Agents and Chemotherapy, 1999, 43, 3042-3043.	3.2	88