Mikio Shoji

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6035001/publications.pdf

Version: 2024-02-01

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	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
2	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
3	Por Secretion System-Dependent Secretion and Glycosylation of Porphyromonas gingivalis Hemin-Binding Protein 35. PLoS ONE, 2011, 6, e21372.	2.5	142
4	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
5	Identification ofPorphyromonas gingivalisproteins secreted by the Por secretion system. FEMS Microbiology Letters, 2013, 338, 68-76.	1.8	123
6	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
7	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
8	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
9	A Distinct Type of Pilus from the Human Microbiome. Cell, 2016, 165, 690-703.	28.9	78
10	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
11	Porphyromonas gingivalis-induced platelet aggregation in plasma depends on Hgp44 adhesin but not Rgp proteinase. Molecular Microbiology, 2006, 59, 152-167.	2.5	73
12	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
13	Hemagglutinin/Adhesin domains ofPorphyromonas gingivalisplay key roles in coaggregation withTreponema denticola. FEMS Immunology and Medical Microbiology, 2010, 60, 251-260.	2.7	56
14	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
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	Involvement of the Wbp pathway in the biosynthesis of Porphyromonas gingivalis lipopolysaccharide with anionic polysaccharide. Scientific Reports, 2014, 4, 5056.	3.3	39
20	Identification of an Oâ€antigen chain length regulator, WzzP, in <scp>P</scp>orphyromonas gingivalis. MicrobiologyOpen, 2013, 2, 383-401.	3.0	33
21	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
22	Structure of polymerized type V pilin reveals assembly mechanism involving protease-mediated strand exchange. Nature Microbiology, 2020, 5, 830-837.	13.3	27
23	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
24	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
25	Proteome analysis of Porphyromonas gingivalis cells placed in a subcutaneous chamber of mice. Oral Microbiology and Immunology, 2008, 23, 413-418.	2.8	24
26	Glycobiology of the oral pathogen Porphyromonas gingivalis and related species. Microbial Pathogenesis, 2016, 94, 35-41.	2.9	24
27	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
28	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
29	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
30	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
31	Identification of genes encoding glycosyltransferases involved in lipopolysaccharide synthesis in Porphyromonas gingivalis. Molecular Oral Microbiology, 2018, 33, 68-80.	2.7	19
32	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
33	Effects of non-iron metalloporphyrins on growth and gene expression of Porphyromonas gingivalis. Microbiology and Immunology, 2011, 55, 141-153.	1.4	15
34	Biogenesis of Type V pili. Microbiology and Immunology, 2020, 64, 643-656.	1.4	14
35	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
36	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

#	Article	IF	Citations
37	Characterization of the O-Glycoproteome of Porphyromonas gingivalis. Microbiology Spectrum, 2022, 10, e0150221.	3.0	11
38	A Comprehensive Study on the Immunological Reactivity of the Hsp90 Molecular Chaperone. Journal of Biochemistry, 2004, 136, 711-722.	1.7	10
39	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
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	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
42	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
43	Transport and Polymerization of Porphyromonas gingivalis Type V Pili. Methods in Molecular Biology, 2021, 2210, 61-73.	0.9	1