

# Shigeyuki Hamada

## List of Publications by Year in descending order

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194  
papers

8,456  
citations

38742

50  
h-index

62596

80  
g-index

194  
all docs

194  
docs citations

194  
times ranked

6534  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy Defends Cells Against Invading Group A <i>Streptococcus</i> . <i>Science</i> , 2004, 306, 1037-1040.	12.6	1,047
2	Genome Sequence of an M3 Strain of <i>Streptococcus pyogenes</i> Reveals a Large-Scale Genomic Rearrangement in Invasive Strains and New Insights into Phage Evolution. <i>Genome Research</i> , 2003, 13, 1042-1055.	5.5	248
3	Distribution of <i>Porphyromonas gingivalis</i> Strains with <i>fimA</i> Genotypes in Periodontitis Patients. <i>Journal of Clinical Microbiology</i> , 1999, 37, 1426-1430.	3.9	196
4	Multifunctional Glyceraldehyde-3-phosphate Dehydrogenase of <i>Streptococcus pyogenes</i> Is Essential for Evasion from Neutrophils. <i>Journal of Biological Chemistry</i> , 2006, 281, 14215-14223.	3.4	162
5	Fba, a novel fibronectin-binding protein from <i>Streptococcus pyogenes</i> , promotes bacterial entry into epithelial cells, and the <i>fba</i> gene is positively transcribed under the Mga regulator. <i>Molecular Microbiology</i> , 2008, 42, 75-86.	2.5	159
6	Silkworm pathogenic bacteria infection model for identification of novel virulence genes. <i>Molecular Microbiology</i> , 2005, 56, 934-944.	2.5	151
7	Functional Differences among FimA Variants of <i>Porphyromonas gingivalis</i> and Their Effects on Adhesion to and Invasion of Human Epithelial Cells. <i>Infection and Immunity</i> , 2002, 70, 277-285.	2.2	145
8	Demonstration of <i>Streptococcus mutans</i> with a Cell Wall Polysaccharide Specific to a New Serotype, <i>k</i> , in the Human Oral Cavity. <i>Journal of Clinical Microbiology</i> , 2004, 42, 198-202.	3.9	119
9	Production and properties of bacteriocins (Mutacins) from <i>Streptococcus Mutans</i> . <i>Archives of Oral Biology</i> , 1975, 20, 641-645.	1.8	116
10	Î±-Enolase of <i>Streptococcus pneumoniae</i> Induces Formation of Neutrophil Extracellular Traps. <i>Journal of Biological Chemistry</i> , 2012, 287, 10472-10481.	3.4	114
11	Molecular Characterization of a Novel Fibronectin-binding Protein of <i>Streptococcus pyogenes</i> Strains Isolated from Toxic Shock-like Syndrome Patients. <i>Journal of Biological Chemistry</i> , 2002, 277, 47428-47435.	3.4	113
12	Novel Laminin-Binding Protein of <i>Streptococcus pyogenes</i> , Lbp, Is Involved in Adhesion to Epithelial Cells. <i>Infection and Immunity</i> , 2002, 70, 993-997.	2.2	112
13	Group A Streptococcal Cysteine Protease Degrades C3 (C3b) and Contributes to Evasion of Innate Immunity. <i>Journal of Biological Chemistry</i> , 2008, 283, 6253-6260.	3.4	105
14	Distribution and Molecular Characterization of <i>Porphyromonas gingivalis</i> Carrying a New Type of <i>fimA</i> Gene. <i>Journal of Clinical Microbiology</i> , 2000, 38, 1909-1914.	3.9	105
15	Lipopolysaccharides of Oral Anaerobes Associated with Chronic Inflammation: Chemical and Immunomodulating Properties. <i>International Reviews of Immunology</i> , 1990, 6, 247-261.	3.3	103
16	Influenza A Virus-Infected Hosts Boost an Invasive Type of <i>Streptococcus pyogenes</i> Infection in Mice. <i>Journal of Virology</i> , 2003, 77, 4104-4112.	3.4	103
17	Systemic and Mucosal Immunizations with Fibronectin-Binding Protein FBP54 Induce Protective Immune Responses against <i>Streptococcus pyogenes</i> Challenge in Mice. <i>Infection and Immunity</i> , 2001, 69, 924-930.	2.2	97
18	PfbA, a Novel Plasmin- and Fibronectin-binding Protein of <i>Streptococcus pneumoniae</i> , Contributes to Fibronectin-dependent Adhesion and Antiphagocytosis. <i>Journal of Biological Chemistry</i> , 2008, 283, 36272-36279.	3.4	91

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19	Genetic Analysis of Capsular Polysaccharide Synthesis Gene Clusters from All Serotypes of <i>Streptococcus suis</i> : Potential Mechanisms for Generation of Capsular Variation. <i>Applied and Environmental Microbiology</i> , 2013, 79, 2796-2806.	3.1	88
20	Epidemiological Survey of <i>Streptococcus mutans</i> among Japanese Children. <i>Japanese Journal of Microbiology</i> , 1976, 20, 33-44.	0.4	87
21	<i>Streptococcus mutans</i> Clonal Variation Revealed by Multilocus Sequence Typing. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2616-2625.	3.9	87
22	<i>Porphyromonas gingivalis</i> Induces Receptor Activator of NF- $\kappa$ B Ligand Expression in Osteoblasts through the Activator Protein 1 Pathway. <i>Infection and Immunity</i> , 2004, 72, 1706-1714.	2.2	84
23	Inhibitory Spectrum of a Bacteriocinlike Substance (Mutacin) Produced by Some Strains of <i>Streptococcus mutans</i> . <i>Journal of Dental Research</i> , 1975, 54, 140-145.	5.2	83
24	Cytochrome-c-mediated caspase-9 activation triggers apoptosis in <i>Streptococcus pyogenes</i> -infected epithelial cells. <i>Cellular Microbiology</i> , 2001, 3, 395-405.	2.1	80
25	Purification, Characterization, and Molecular Analysis of the Gene Encoding Glucosyltransferase from <i>Streptococcus oralis</i> . <i>Infection and Immunity</i> , 2000, 68, 2475-2483.	2.2	79
26	The small GTPases Rab9A and Rab23 function at distinct steps in autophagy during Group A <i>Streptococcus</i> infection. <i>Cellular Microbiology</i> , 2012, 14, 1149-1165.	2.1	77
27	<i>Porphyromonas gingivalis</i> fimbriae and their synthetic peptides induce proinflammatory cytokines in human peripheral blood monocyte cultures. <i>FEMS Microbiology Letters</i> , 1994, 116, 237-242.	1.8	76
28	Immunobiological activities of synthetic peptide segments of fimbrial protein from <i>Porphyromonas gingivalis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1991, 180, 1335-1341.	2.1	75
29	<i>Streptococcus suis</i> serotyping by a new multiplex PCR. <i>Journal of Medical Microbiology</i> , 2014, 63, 824-830.	1.8	75
30	Periodontopathic Bacterial Infection in Childhood. <i>Journal of Periodontology</i> , 2002, 73, 20-26.	3.4	74
31	Development of a Two-Step Multiplex PCR Assay for Typing of Capsular Polysaccharide Synthesis Gene Clusters of <i>Streptococcus suis</i> . <i>Journal of Clinical Microbiology</i> , 2014, 52, 1714-1719.	3.9	74
32	Genetic characterization of bla <sub>NDM</sub> -harboring plasmids in carbapenem-resistant <i>Escherichia coli</i> from Myanmar. <i>PLoS ONE</i> , 2017, 12, e0184720.	2.5	74
33	Adherence of <i>Porphyromonas gingivalis</i> to matrix proteins via a fimbrial cryptic receptor exposed by its own arginine-specific protease. <i>Molecular Microbiology</i> , 1997, 24, 1179-1187.	2.5	73
34	Comparative genomic analyses of <i>Streptococcus mutans</i> provide insights into chromosomal shuffling and species-specific content. <i>BMC Genomics</i> , 2009, 10, 358.	2.8	72
35	Specific Behavior of Intracellular <i>Streptococcus pyogenes</i> That Has Undergone Autophagic Degradation Is Associated with Bacterial Streptolysin O and Host Small G Proteins Rab5 and Rab7. <i>Journal of Biological Chemistry</i> , 2010, 285, 22666-22675.	3.4	71
36	Role of <i>Streptococcus sanguinis</i> sortase A in bacterial colonization. <i>Microbes and Infection</i> , 2006, 8, 2791-2796.	1.9	70

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37	The Contribution of Sulysin to the Pathogenesis of Streptococcus suis Meningitis. Journal of Infectious Diseases, 2014, 209, 1509-1519.	4.0	70
38	Periodontopathic Bacteria in Children With Down Syndrome. Journal of Periodontology, 2000, 71, 249-255.	3.4	62
39	Emergence of Streptococcus suis serotype 9 infection in humans. Journal of Microbiology, Immunology and Infection, 2017, 50, 545-546.	3.1	62
40	Spreading Patterns of NDM-Producing <i>Enterobacteriaceae</i> in Clinical and Environmental Settings in Yangon, Myanmar. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	62
41	Occurrence of two forms of extracellular endoinulinase from <i>Aspergillus niger</i> mutant 817. Journal of Bioscience and Bioengineering, 1994, 78, 134-139.	0.9	61
42	Cell Wall-Anchored Nuclease of Streptococcus sanguinis Contributes to Escape from Neutrophil Extracellular Trap-Mediated Bacteriocidal Activity. PLoS ONE, 2014, 9, e103125.	2.5	61
43	Demonstration of serotype d and g specificities of Streptococcus mutans by immunodiffusion. Archives of Oral Biology, 1978, 23, 495-499.	1.8	60
44	Chemical composition and immunobiological properties of lipopolysaccharide and lipid-associated proteoglycan from Actinobacillus actinomycetemcomitans. Journal of Periodontal Research, 1986, 21, 521-530.	2.7	58
45	Development of a PCR Method for Rapid Identification of New Streptococcus mutans Serotype k Strains. Journal of Clinical Microbiology, 2004, 42, 4925-4930.	3.9	57
46	Homology between surface protein antigen genes of Streptococcus sobrinus and Streptococcus mutans. FEBS Letters, 1989, 249, 383-388.	2.8	55
47	Population-Based Study of Streptococcus suis Infection in Humans in Phayao Province in Northern Thailand. PLoS ONE, 2012, 7, e31265.	2.5	54
48	Dental Caries Induction in Experimental Animals by Clinical Strains of Streptococcus mutans Isolated from Japanese Children. Microbiology and Immunology, 1978, 22, 301-314.	1.4	53
49	Interaction of structural isomers of sucrose in the reaction between sucrose and glucosyltransferases from mutans streptococci. Oral Microbiology and Immunology, 1990, 5, 189-194.	2.8	53
50	Relationship of Periodontopathic Bacteria With Early-Onset Periodontitis in Down's Syndrome. Journal of Periodontology, 2001, 72, 368-373.	3.4	53
51	Specific Antibodies to Porphyromonas gingivalis Lys-Gingipain by DNA Vaccination Inhibit Bacterial Binding to Hemoglobin and Protect Mice from Infection. Infection and Immunity, 2001, 69, 2972-2979.	2.2	53
52	CARIOSTATIC EFFECT OF PALATINOSE ON EXPERIMENTAL DENTAL CARIES IN RATS. Japanese Journal of Medical Science and Biology, 1983, 36, 219-223.	0.4	52
53	Proapoptotic Effect of Proteolytic Activation of Matrix Metalloproteinases by Streptococcus pyogenes Thiol Proteinase ( Streptococcus Pyrogenic Exotoxin B). Infection and Immunity, 2004, 72, 4836-4847.	2.2	52
54	Molecular and Immunological Characterization of the Fimbriae of Porphyromonas gingivalis. Microbiology and Immunology, 1994, 38, 921-930.	1.4	51

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55	The <i>Streptococcus pyogenes</i> Capsule Is Required for Adhesion of Bacteria to Virus-Infected Alveolar Epithelial Cells and Lethal Bacterial-Viral Superinfection. <i>Infection and Immunity</i> , 2004, 72, 6068-6075.	2.2	51
56	Peroxidase-catalyzed generation of catechin oligomers that inhibit glucosyltransferase from <i>Streptococcus sobrinus</i> . <i>FEMS Microbiology Letters</i> , 1996, 143, 35-40.	1.8	50
57	Susceptibility of Rats, Hamsters, and Mice to Carious Infection by <i>Streptococcus mutans</i> Serotype c and d Organisms. <i>Journal of Dental Research</i> , 1981, 60, 855-859.	5.2	49
58	Ethanol production from Jerusalem artichoke tubers by <i>Aspergillus niger</i> and <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , 1996, 81, 564-566.	0.9	48
59	Specific interactions between <i>Porphyromonas gingivalis</i> fimbriae and human extracellular matrix proteins. <i>FEMS Microbiology Letters</i> , 1999, 175, 267-272.	1.8	48
60	Adherence of Serotype e <i>Streptococcus mutans</i> and the Inhibitory Effect of Lancefield Group E and S <i>mutans</i> Type e Antiserum. <i>Journal of Dental Research</i> , 1976, 55, 65-74.	5.2	47
61	Purification and Immunochemical Properties of a Protein Antigen from Serotype g <i>Streptococcus mutans</i> . <i>Microbiology and Immunology</i> , 1986, 30, 35-47.	1.4	47
62	Regulated expression of the Shiga toxin B gene induces apoptosis in mammalian fibroblastic cells. <i>Molecular Microbiology</i> , 2002, 33, 1190-1199.	2.5	47
63	Synthesis of adherent insoluble glucan by the concerted action of the two glucosyltransferase components of <i>Streptococcus mutans</i> . <i>FEBS Letters</i> , 1982, 143, 101-104.	2.8	46
64	Biochemical and genetic characterization of serologically untypable <i>Streptococcus mutans</i> strains isolated from patients with bacteremia. <i>European Journal of Oral Sciences</i> , 2001, 109, 330-334.	1.5	46
65	Transcriptome analysis and gene expression profiles of early apoptosis-related genes in <i>Streptococcus pyogenes</i> -infected epithelial cells. <i>Cellular Microbiology</i> , 2004, 6, 939-952.	2.1	46
66	Molecular Interactions of <i>Porphyromonas gingivalis</i> Fimbriae with Host Proteins: Kinetic Analyses Based on Surface Plasmon Resonance. <i>Infection and Immunity</i> , 1999, 67, 2399-2405.	2.2	46
67	Induction of Experimental Periodontitis in Mice With <i>Porphyromonas gingivalis</i> -Adhered Ligatures. <i>Journal of Periodontology</i> , 2000, 71, 1167-1173.	3.4	45
68	Protective Immunity against <i>Streptococcus pyogenes</i> Challenge in Mice after Immunization with Fibronectin-Binding Protein. <i>Journal of Infectious Diseases</i> , 2005, 192, 2081-2091.	4.0	44
69	Role of sweeteners in the etiology and prevention of dental caries. <i>Pure and Applied Chemistry</i> , 2002, 74, 1293-1300.	1.9	43
70	First human case report of sepsis due to infection with <i>Streptococcus suis</i> serotype 31 in Thailand. <i>BMC Infectious Diseases</i> , 2015, 15, 392.	2.9	43
71	Distribution and immunochemical specificities of fimbriae of <i>Porphyromonas gingivalis</i> and related bacterial species. <i>Oral Microbiology and Immunology</i> , 1991, 6, 332-340.	2.8	42
72	Binding of <i>Porphyromonas gingivalis</i> Fimbriae to Proline-Rich Glycoproteins in Parotid Saliva via a Domain Shared by Major Salivary Components. <i>Infection and Immunity</i> , 1998, 66, 2072-2077.	2.2	42

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73	Targeted Salivary Gland Immunization with Plasmid DNA Elicits Specific Salivary Immunoglobulin A and G Antibodies and Serum Immunoglobulin G Antibodies in Mice. <i>Infection and Immunity</i> , 1999, 67, 5863-5868.	2.2	42
74	Capsular hyaluronic acid of Group A Streptococci hampers their invasion into human pharyngeal epithelial cells. <i>Microbial Pathogenesis</i> , 1999, 27, 71-80.	2.9	38
75	A novel, anchorless streptococcal surface protein that binds to human immunoglobulins. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 1329-1333.	2.1	38
76	<i>Streptococcus pyogenes</i> Infection Induces Septic Arthritis with Increased Production of the Receptor Activator of the NF- $\kappa$ B Ligand. <i>Infection and Immunity</i> , 2003, 71, 6019-6026.	2.2	38
77	Vaccination with formalin-inactivated influenza vaccine protects mice against lethal influenza <i>Streptococcus pyogenes</i> superinfection. <i>Vaccine</i> , 2004, 22, 2887-2893.	3.8	38
78	Molecular analyses of glucosyltransferase genes among strains of <i>Streptococcus mutans</i> . <i>FEMS Microbiology Letters</i> , 1998, 161, 331-336.	1.8	36
79	Deletion and reintroduction of glucosyltransferase genes of <i>Streptococcus mutans</i> and role of their gene products in sucrose dependent cellular adherence. <i>Microbial Pathogenesis</i> , 1996, 20, 225-233.	2.9	35
80	Genotypic and PFGE/MLVA Analyses of <i>Vibrio cholerae</i> O1: Geographical Spread and Temporal Changes during the 2007-2010 Cholera Outbreaks in Thailand. <i>PLoS ONE</i> , 2012, 7, e30863.	2.5	34
81	Inhibitory effects of <i>Porphyromonas gingivalis</i> fimbriae on interactions between extracellular matrix proteins and cellular integrins. <i>Microbes and Infection</i> , 2005, 7, 157-163.	1.9	33
82	Impact of a Food Safety Campaign on <i>Streptococcus suis</i> Infection in Humans in Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 1370-1377.	1.4	33
83	Effects of Dextranase from <i>Spicaria violaceae</i> (IFO 6120) on the Polysaccharides Produced by Oral Streptococci and on Human Dental Plaque. <i>Journal of Dental Research</i> , 1973, 52, 658-667.	5.2	32
84	The Caries Inhibitory Effects of GOS Sugar <i>in vitro</i> and in Rat Experiments. <i>Microbiology and Immunology</i> , 1988, 32, 1093-1105.	1.4	32
85	Serotype-Dependent Inhibition of Glucan Synthesis and Cell Adherence of <i>Streptococcus mutans</i> by Antibody against Glucosyltransferase of Serotype <i>S. mutans</i> . <i>Microbiology and Immunology</i> , 1979, 23, 61-70.	1.4	31
86	Molecular and biological characterization of histidine triad protein in group A streptococci. <i>Microbes and Infection</i> , 2008, 10, 414-423.	1.9	31
87	Mechanisms of Adherence of <i>Streptococcus mutans</i> to Smooth Surfaces <i>in vitro</i> . , 1980, , 105-135.		31
88	Extracellular proteinaceous substances from <i>Haemophilus actinomycetemcomitans</i> induce mitogenic responses in murine lymphocytes. <i>Oral Microbiology and Immunology</i> , 1987, 2, 48-52.	2.8	30
89	Assembly Mechanism of FCT Region Type 1 Pili in Serotype M6 <i>Streptococcus pyogenes</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 37566-37577.	3.4	30
90	Dissemination of carbapenemase-producing Enterobacteriaceae harbouring bla <sub>NDM</sub> or bla <sub>IMI</sub> in local market foods of Yangon, Myanmar. <i>Scientific Reports</i> , 2019, 9, 14455.	3.3	30

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91	Noncariogenicity of Maltitol in Specific Pathogen-Free Rats Infected with Mutans Streptococci. <i>Caries Research</i> , 1992, 26, 33-37.	2.0	29
92	PCR-Dipstick Chromatography for Differential Detection of Carbapenemase Genes Directly in Stool Specimens. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	29
93	Occurrence of antigen-specific B cells following oral or parenteral immunization with <i>Porphyromonas gingivalis</i> fimbriae. <i>International Immunology</i> , 1992, 4, 1003-1010.	4.0	28
94	[37] Studying biofilm formation of mutans streptococci. <i>Methods in Enzymology</i> , 1999, 310, 513-523.	1.0	28
95	Infection by <i>Streptococcus pyogenes</i> Induces the Receptor Activator of NF- $\kappa$ B Ligand Expression in Mouse Osteoblastic Cells. <i>Infection and Immunity</i> , 2003, 71, 948-955.	2.2	28
96	Detection of plasmid-mediated colistin-resistant and carbapenem-resistant genes by multiplex PCR. <i>MethodsX</i> , 2018, 5, 532-536.	1.6	28
97	Fifteen <i>Streptococcus suis</i> serotypes identified by multiplex PCR. <i>Journal of Medical Microbiology</i> , 2012, 61, 1669-1672.	1.8	27
98	Binding of Glucosyltransferase and Glucan Synthesis by <i>Streptococcus mutans</i> and Other Bacteria. <i>Infection and Immunity</i> , 1978, 21, 213-220.	2.2	27
99	Inconsistency between the fimbriin gene and the antigenicity of lipopolysaccharides in selected strains of <i>Porphyromonas gingivalis</i> . <i>FEMS Microbiology Letters</i> , 1994, 124, 333-341.	1.8	26
100	Reactive oxygen species induced by <i>Streptococcus pyogenes</i> invasion trigger apoptotic cell death in infected epithelial cells. <i>Cellular Microbiology</i> , 2010, 12, 814-830.	2.1	26
101	A Cholera Outbreak of the <i>Vibrio cholerae</i> O1 El Tor Variant Carrying Classical CtxB in Northeastern Thailand in 2007. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 82, 875-878.	1.4	25
102	Group A <i>Streptococcus</i> Adheres to Pharyngeal Epithelial Cells with Salivary Proline-rich Proteins via GrpE Chaperone Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 22266-22275.	3.4	25
103	Fatal Septic Meningitis in Child Caused by <i>Streptococcus suis</i> Serotype 24. <i>Emerging Infectious Diseases</i> , 2016, 22, 1519-1520.	4.3	24
104	Some biological properties of <i>Streptococcus mutans</i> isolated from human mouths, with reference to the correlation with serotypes. <i>Archives of Oral Biology</i> , 1979, 24, 627-631.	1.8	23
105	Multilocus sequence typing analysis of <i>Streptococcus mutans</i> strains with the <i>cnm</i> gene encoding collagen-binding adhesin. <i>Journal of Medical Microbiology</i> , 2011, 60, 1677-1684.	1.8	23
106	Cell-Bound Glucan Synthesis and Subsequent Adherence of Oral Streptococci Due to the Binding of Extracellular Glucosyltransferase to the Streptococcal Cell Surface. <i>Microbiology and Immunology</i> , 1978, 22, 279-282.	1.4	22
107	Molecular and genomic characterization of pathogenic traits of group A <i>Streptococcus pyogenes</i> . <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2015, 91, 539-559.	3.8	22
108	Chemical Composition of <i>Streptococcus mutans</i> Cell Walls and Their Susceptibility to <i>Flavobacterium</i> $\alpha$ -1 Enzyme. <i>Microbiology and Immunology</i> , 1979, 23, 319-328.	1.4	21

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109	Effects of Panose on Glucan Synthesis and Cellular Adherence by <i>Streptococcus mutans</i> . <i>Microbiology and Immunology</i> , 1988, 32, 25-31.	1.4	21
110	Distribution of lipoteichoic acids and other amphipathic antigens in oral streptococci. <i>FEMS Microbiology Letters</i> , 1980, 8, 93-96.	1.8	20
111	Inhibitory Effects of Ellagic Acid on Glucosyltransferases from Mutans Streptococci. <i>Bioscience, Biotechnology and Biochemistry</i> , 1992, 56, 766-768.	1.3	20
112	Development of selective medium for IMP-type carbapenemase-producing Enterobacteriaceae in stool specimens. <i>BMC Infectious Diseases</i> , 2017, 17, 229.	2.9	20
113	Induction of Mucosal and Serum Immune Responses to a Specific Antigen of Periodontal Bacteria. <i>Advances in Experimental Medicine and Biology</i> , 1992, 327, 71-81.	1.6	20
114	Local Shwartzman activity of lipopolysaccharides from several selected strains of suspected periodontopathic bacteria. <i>Journal of Periodontal Research</i> , 1987, 22, 103-107.	2.7	19
115	Molecular characterization and expression of the cell-associated glucosyltransferase gene from <i>Streptococcus mutans</i> . <i>Biochemical and Biophysical Research Communications</i> , 1992, 187, 1432-1438.	2.1	19
116	IgG Antibody from Hen Egg Yolks: Purification by Ethanol Fractionation. <i>Journal of Food Science</i> , 1993, 58, 739-742.	3.1	19
117	Secretion of Functional Salivary Peptide by <i>Streptococcus gordonii</i> Which Inhibits Fimbria-Mediated Adhesion of <i>Porphyromonas gingivalis</i> . <i>Infection and Immunity</i> , 1999, 67, 3780-3785.	2.2	19
118	Chemical properties and immunobiological activities of streptococcal lipoteichoic acids. <i>Zentralblatt Fur Bakteriologie, Mikrobiologie, Und Hygiene Series A, Medical Microbiology, Infectious Diseases, Virology, Parasitology</i> , 1985, 259, 228-243.	0.5	18
119	<i>Porphyromonas gingivalis</i> lipopolysaccharide modulates the responsiveness of human periodontal ligament fibroblasts to platelet-derived growth factor. <i>Journal of Periodontal Research</i> , 1998, 33, 400-407.	2.7	18
120	Ability of Various Oral Bacteria to Bind Human Plasma Fibronectin. <i>Microbiology and Immunology</i> , 1984, 28, 863-871.	1.4	17
121	[36] Studying initial phase of biofilm formation: Molecular interaction of host proteins and bacterial surface components. <i>Methods in Enzymology</i> , 1999, 310, 501-513.	1.0	17
122	Systemic immunization with streptococcal immunoglobulin-binding protein Sib35 induces protective immunity against group A <i>Streptococcus</i> challenge in mice. <i>Vaccine</i> , 2005, 23, 4852-4859.	3.8	17
123	A Locus Encoding Variable Defense Systems against Invading DNA Identified in <i>Streptococcus suis</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 1000-1012.	2.5	17
124	Distribution and Molecular Characterization of <i>Escherichia coli</i> Harboring <i>mcr</i> Genes Isolated from Slaughtered Pigs in Thailand. <i>Microbial Drug Resistance</i> , 2021, 27, 971-979.	2.0	17
125	<i>Klebsiella pneumoniae</i> Complex Harboring <i>mcr</i> -1, <i>mcr</i> -7, and <i>mcr</i> -8 Isolates from Slaughtered Pigs in Thailand. <i>Microorganisms</i> , 2021, 9, 2436.	3.6	17
126	Synthesis and binding of glucosyltransferase and in vitro adherence of <i>Streptococcus mutans</i> grown in a synthetic medium. <i>Archives of Oral Biology</i> , 1979, 24, 399-402.	1.8	16



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127	Immunochemical Characteristics of <i>Streptococcus mutans</i> Serotype h Carbohydrate Antigen. <i>Microbiology and Immunology</i> , 1984, 28, 407-413.	1.4	16
128	Characterization of the Plasmidome Encoding Carbapenemase and Mechanisms for Dissemination of Carbapenem-Resistant <i>Enterobacteriaceae</i> . <i>MSystems</i> , 2020, 5, .	3.8	16
129	Characterization of a Monoclonal Antibody Specific for Lipoteichoic Acid from Various Gram-Positive Bacteria. <i>Microbiology and Immunology</i> , 1984, 28, 1009-1021.	1.4	15
130	Purification and characterisation of the extracellular d-glucosyltransferase from serotype c <i>Streptococcus mutans</i> . <i>Carbohydrate Research</i> , 1986, 158, 147-155.	2.3	15
131	Comparative Genomic Characterization of a Thailand-Myanmar Isolate, MS6, of <i>Vibrio cholerae</i> O1 El Tor, Which Is Phylogenetically Related to a US Gulf Coast Clone. <i>PLoS ONE</i> , 2014, 9, e98120.	2.5	15
132	PCR-Dipstick-Oriented Surveillance and Characterization of <i>mcr-1</i> - and Carbapenemase-Carrying <i>Enterobacteriaceae</i> in a Thai Hospital. <i>Frontiers in Microbiology</i> , 2019, 10, 149.	3.5	15
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