

Kazunari Kamachi

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,958
citations

304743

22
h-index

254184

43
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61
all docs

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docs citations

61
times ranked

1735
citing authors

#	ARTICLE	IF	CITATIONS
1	The First Reported Case of <i>Bordetella pertussis</i> Bacteremia in a Patient With Human Immunodeficiency Virus Infection. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac020.	0.9	3
2	Rapid and simple SNP genotyping for <i>Bordetella pertussis</i> epidemic strain MT27 based on a multiplexed single-base extension assay. <i>Scientific Reports</i> , 2021, 11, 4823.	3.3	5
3	Macrolide-Resistant <i>Bordetella pertussis</i> , Vietnam, 2016–2017. <i>Emerging Infectious Diseases</i> , 2020, 26, 2511-2513.	4.3	17
4	Seroprevalence of IgA and IgM antibodies to <i>Bordetella pertussis</i> in healthy Japanese donors: Assessment for the serological diagnosis of pertussis. <i>PLoS ONE</i> , 2019, 14, e0219255.	2.5	7
5	Age-related differences in antibody avidities to pertussis toxin and filamentous hemagglutinin in a healthy Japanese population. <i>Vaccine</i> , 2019, 37, 2463-2469.	3.8	9
6	A novel multilocus variable-number tandem repeat analysis for <i>Bordetella parapertussis</i> . <i>Journal of Medical Microbiology</i> , 2019, 68, 1671-1676.	1.8	0
7	<i>Bordetella pertussis</i> population dynamics and phylogeny in Japan after adoption of acellular pertussis vaccines. <i>Microbial Genomics</i> , 2018, 4, .	2.0	21
8	The proline residue at position 319 of BvgS is essential for BvgAS activation in <i>Bordetella pertussis</i> . <i>Pathogens and Disease</i> , 2017, 75, .	2.0	2
9	Evaluation of a commercial loop-mediated isothermal amplification assay for diagnosis of <i>Bordetella pertussis</i> infection. <i>Journal of Microbiological Methods</i> , 2017, 133, 20-22.	1.6	8
10	Molecular epidemiology of <i>Bordetella pertussis</i> in Cambodia determined by direct genotyping of clinical specimens. <i>International Journal of Infectious Diseases</i> , 2017, 62, 56-58.	3.3	16
11	Significant Decrease in Pertactin-Deficient <i>Bordetella pertussis</i> Isolates, Japan. <i>Emerging Infectious Diseases</i> , 2017, 23, 699-701.	4.3	26
12	Evaluation of marker gene expression as a potential predictive marker of leukopenic toxicity for inactivated influenza vaccines. <i>Biologicals</i> , 2017, 50, 100-108.	1.4	7
13	A high seroprevalence of antibodies to pertussis toxin among Japanese adults: Qualitative and quantitative analyses. <i>PLoS ONE</i> , 2017, 12, e0181181.	2.5	15
14	BipA Is Associated with Preventing Autoagglutination and Promoting Biofilm Formation in <i>Bordetella holmesii</i> . <i>PLoS ONE</i> , 2016, 11, e0159999.	2.5	13
15	A Novel IgM-capture enzyme-linked immunosorbent assay using recombinant Vag8 fusion protein for the accurate and early diagnosis of <i>Bordetella pertussis</i> infection. <i>Microbiology and Immunology</i> , 2016, 60, 326-333.	1.4	10
16	Development of vaccines against pertussis caused by <i>Bordetella holmesii</i> using a mouse intranasal challenge model. <i>Microbiology and Immunology</i> , 2016, 60, 599-608.	1.4	5
17	Glutamate Limitation, BvgAS Activation, and (p)ppGpp Regulate the Expression of the <i>Bordetella pertussis</i> Type 3 Secretion System. <i>Journal of Bacteriology</i> , 2016, 198, 343-351.	2.2	17
18	Molecular epidemiology of <i>Bordetella pertussis</i> in the Philippines in 2012–2014. <i>International Journal of Infectious Diseases</i> , 2015, 35, 24-26.	3.3	15

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19	Laboratory-based surveillance of pertussis using multitarget real-time PCR in Japan: evidence for <i>Bordetella pertussis</i> infection in preteens and teens. <i>New Microbes and New Infections</i> , 2015, 8, 70-74.	1.6	15
20	Comparison of loop-mediated isothermal amplification and real-time PCR for detecting <i>Bordetella pertussis</i> . <i>Journal of Medical Microbiology</i> , 2015, 64, 463-465.	1.8	4
21	Global Population Structure and Evolution of <i>Bordetella pertussis</i> and Their Relationship with Vaccination. <i>MBio</i> , 2014, 5, e01074.	4.1	257
22	Loop-mediated isothermal amplification assay for 16S rRNA methylase genes in Gram-negative bacteria. <i>Journal of Infection and Chemotherapy</i> , 2014, 20, 635-638.	1.7	11
23	Bronchitis caused by <i>Bordetella holmesii</i> in a child with asthma misdiagnosed as mycoplasmal infection. <i>Journal of Infection and Chemotherapy</i> , 2013, 19, 534-537.	1.7	5
24	Genetic Analysis of <i>Bordetella pertussis</i> Isolates from the 2008-2010 Pertussis Epidemic in Japan. <i>PLoS ONE</i> , 2013, 8, e77165.	2.5	67
25	Transmission of <i>Bordetella holmesii</i> during Pertussis Outbreak, Japan. <i>Emerging Infectious Diseases</i> , 2012, 18, 1166-1169.	4.3	55
26	Bactericidal activity of topical antiseptics and their gargles against <i>Bordetella pertussis</i> . <i>Journal of Infection and Chemotherapy</i> , 2012, 18, 272-275.	1.7	5
27	Simple and specific detection of <i>Bordetella holmesii</i> by using a loop-mediated isothermal amplification assay. <i>Microbiology and Immunology</i> , 2012, 56, 486-489.	1.4	8
28	Prevalence and Genetic Characterization of Pertactin-Deficient <i>Bordetella pertussis</i> in Japan. <i>PLoS ONE</i> , 2012, 7, e31985.	2.5	124
29	Differential Expression of Type III Effector BteA Protein Due to IS481 Insertion in <i>Bordetella pertussis</i> . <i>PLoS ONE</i> , 2011, 6, e17797.	2.5	43
30	Marked difference between adults and children in <i>Bordetella pertussis</i> DNA load in nasopharyngeal swabs. <i>Clinical Microbiology and Infection</i> , 2011, 17, 365-370.	6.0	42
31	Deamination role of inducible glutamate dehydrogenase isoenzyme 7 in <i>Brassica napus</i> leaf protoplasts. <i>Phytochemistry</i> , 2011, 72, 587-593.	2.9	10
32	Genetic verification of <i>Bordetella pertussis</i> seed strains used for production of Japanese acellular pertussis vaccines. <i>Biologicals</i> , 2010, 38, 290-293.	1.4	1
33	Safe and effective booster immunization using DTaP in teenagers. <i>Vaccine</i> , 2010, 28, 7626-7633.	3.8	22
34	Antigenic variation in <i>Bordetella pertussis</i> isolates recovered from adults and children in Japan. <i>Vaccine</i> , 2008, 26, 1530-1534.	3.8	23
35	Development of safer pertussis DNA vaccine expressing non-toxic C180 polypeptide of pertussis toxin S1 subunit. <i>Vaccine</i> , 2007, 25, 1000-1006.	3.8	6
36	Redox and translational regulation of glutamate dehydrogenase α subunits in <i>Brassica napus</i> under wounding stress. <i>Plant Science</i> , 2007, 172, 1182-1192.	3.6	11

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37	Plasmid pBP136 from <i>Bordetella pertussis</i> represents an ancestral form of IncP-1 \hat{I}^2 plasmids without accessory mobile elements. <i>Microbiology (United Kingdom)</i> , 2006, 152, 3477-3484.	1.8	46
38	Development and Evaluation of a Loop-Mediated Isothermal Amplification Method for Rapid Diagnosis of <i>Bordetella pertussis</i> Infection. <i>Journal of Clinical Microbiology</i> , 2006, 44, 1899-1902.	3.9	75
39	Augmenting Effect of Antibiotics on Endotoxin Activity May Cause a Safety Problem. <i>Microbiology and Immunology</i> , 2004, 48, 97-102.	1.4	2
40	Expression of a C Terminally Truncated Form of Pertussis Toxin S1 Subunit Effectively Induces Protection against Pertussis Toxin following DNA-Based Immunization. <i>Infection and Immunity</i> , 2004, 72, 4293-4296.	2.2	11
41	Antigenic Divergence Suggested by Correlation between Antigenic Variation and Pulsed-Field Gel Electrophoresis Profiles of <i>Bordetella pertussis</i> Isolates in Japan. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5453-5457.	3.9	29
42	A novel apoptosis-inducing protein from <i>Helicobacter pylori</i> . <i>Molecular Microbiology</i> , 2003, 47, 443-451.	2.5	97
43	A Quantitative <i>In Vitro</i> Assay Method for Detecting Biological Activity of Endotoxin Using Prostaglandin E ₂ Induction in Rabbit Peripheral Blood. <i>Microbiology and Immunology</i> , 2003, 47, 585-590.	1.4	5
44	Evaluation of endotoxin content of diphtheria-tetanus-acellular pertussis combined (DTaP) vaccines that interfere with the bacterial endotoxin test. <i>Vaccine</i> , 2003, 21, 1862-1866.	3.8	6
45	DNA vaccine encoding pertussis toxin S1 subunit induces protection against <i>Bordetella pertussis</i> in mice. <i>Vaccine</i> , 2003, 21, 4609-4615.	3.8	25
46	A New TEM-Derived Extended-Spectrum \hat{I}^2 -Lactamase (TEM-91) with an R164C Substitution at the \hat{I} -Loop Confers Ceftazidime Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2981-2983.	3.2	11
47	A cell line assay system for predicting the response of human blood to endotoxin. <i>Japanese Journal of Infectious Diseases</i> , 2003, 56, 93-100.	1.2	10
48	Characterization of a Novel Plasmid-Mediated Cephalosporinase (CMY-9) and Its Genetic Environment in an <i>Escherichia coli</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2427-2434.	3.2	54
49	Distribution of pertussis antibodies among different age groups in Japan. <i>Vaccine</i> , 2002, 20, 1711-1717.	3.8	21
50	Analysis of <i>Bordetella pertussis</i> isolates collected in Japan before and after introduction of acellular pertussis vaccines. <i>Vaccine</i> , 2001, 19, 3248-3252.	3.8	27
51	A New SHV-Derived Extended-Spectrum \hat{I}^2 -Lactamase (SHV-24) That Hydrolyzes Ceftazidime through a Single-Amino-Acid Substitution (D179G) in the \hat{I} -Loop. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1725-1727.	3.2	26
52	Stimulation of <i>Bordetella pertussis</i> Adenylate Cyclase Toxin Intoxication by Its Hemolysin Domain. <i>Infection and Immunity</i> , 2000, 68, 3727-3730.	2.2	4
53	IFN- $\hat{\gamma}$ -MEDIATED PROTECTION AGAINST INTRACEREBRAL CHALLENGE WITH BORDETELLA PERTUSSIS IN MICE. <i>Japanese Journal of Medical Science and Biology</i> , 1997, 50, 35-43.	0.4	1
54	Vascular Bundle-Specific Localization of Cytosolic Glutamine Synthetase in Rice Leaves. <i>Plant Physiology</i> , 1992, 99, 1481-1486.	4.8	134

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55	Changes in Cytosolic Glutamine Synthetase Polypeptide and its mRNA in a Leaf Blade of Rice Plants during Natural Senescence. <i>Plant Physiology</i> , 1992, 98, 1323-1329.	4.8	97
56	Tissue Distribution of Glutamate Synthase and Glutamine Synthetase in Rice Leaves. <i>Plant Physiology</i> , 1992, 100, 1427-1432.	4.8	78
57	Purification, Characterization, and Immunological Properties of NADH-Dependent Glutamate Synthase from Rice Cell Cultures. <i>Plant Physiology</i> , 1992, 98, 1317-1322.	4.8	41
58	Multiple Polypeptides of Glutamine Synthetase Subunit in Rice Roots <i>In Vivo</i> and <i>In Vitro</i> . <i>Agricultural and Biological Chemistry</i> , 1991, 55, 887-888.	0.3	0
59	Multiple polypeptides of glutamine synthetase subunit in rice roots in vivo and in vitro.. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 887-888.	0.3	6
60	A Role for Glutamine Synthetase in the Remobilization of Leaf Nitrogen during Natural Senescence in Rice Leaves. <i>Plant Physiology</i> , 1991, 96, 411-417.	4.8	247