Anderson Miyoshi

List of Publications by Year
in descending order

73 papers	3,493 citations	126907 33 h-index	144013 57 g-index
73 all docs	73 docs citations	73 times ranked	3328 citing authors

#	Article	IF	Citations
1	Oral administration of Hsp65â€producing Lactococcus lactis attenuates allergic asthma in a murine model. Journal of Applied Microbiology, 2021, 130, 2075-2086.	3.1	3
2	Recombinant Lactococcus lactis Carrying IL-4 and IL-10 Coding Vectors Protects against Type 1 Diabetes in NOD Mice and Attenuates Insulitis in the STZ-Induced Model. Journal of Diabetes Research, 2021, 2021, 1-15.	2.3	10
3	Lactococcus lactis FNBPA+ (pValac:e6ag85a) Induces Cellular and Humoral Immune Responses After Oral Immunization of Mice. Frontiers in Microbiology, 2021, 12, 676172.	3.5	3
4	Mycobacterial Hsp65 antigen delivered by invasive Lactococcus lactis reduces intestinal inflammation and fibrosis in TNBS-induced chronic colitis model. Scientific Reports, 2020, 10, 20123.	3.3	6
5	Attenuation of intestinal inflammation in IL-10 deficient mice by a plasmid carrying Lactococcus lactis strain. BMC Biotechnology, 2020, 20, 38.	3.3	20
6	Invasive Lactococcus lactis producing mycobacterial Hsp65 ameliorates intestinal inflammation in acute TNBSâ€induced colitis in mice by increasing the levels of the cytokine ILâ€10 and secretory IgA. Journal of Applied Microbiology, 2020, 129, 1389-1401.	3.1	3
7	Mucosal delivery of Lactococcus lactis carrying an anti-TNF scFv expression vector ameliorates experimental colitis in mice. BMC Biotechnology, 2019, 19, 38.	3.3	24
8	A shift in the virulence potential of Corynebacterium pseudotuberculosis biovar ovis after passage in a murine host demonstrated through comparative proteomics. BMC Microbiology, 2017, 17, 55.	3.3	16
9	Lactococcus lactiscarrying a DNA vaccine coding for theESAT-6antigen increases IL-17 cytokine secretion and boosts the BCG vaccine immune response. Journal of Applied Microbiology, 2017, 122, 1657-1662.	3.1	14
10	Hsp65-Producing Lactococcus lactis Prevents Inflammatory Intestinal Disease in Mice by IL-10- and TLR2-Dependent Pathways. Frontiers in Immunology, 2017, 8, 30.	4.8	50
11	Lactococcus lactis carrying the pValac eukaryotic expression vector coding for IL-4 reduces chemically-induced intestinal inflammation by increasing the levels of IL-10-producing regulatory cells. Microbial Cell Factories, 2016, 15, 150.	4.0	33
12	Adaptation of Propionibacterium freudenreichii to long-term survival under gradual nutritional shortage. BMC Genomics, 2016, 17, 1007.	2.8	13
13	The long-term survival of Propionibacterium freudenreichii in a context of nutrient shortage. Journal of Applied Microbiology, 2016, 120, 432-440.	3.1	13
14	The Corynebacterium pseudotuberculosis genome contains two formamidopyrimidine-DNA glycosylase enzymes, only one of which recognizes and excises 8-oxoguanine lesion. Gene, 2016, 575, 233-243.	2.2	7
15	GIPSy: Genomic island prediction software. Journal of Biotechnology, 2016, 232, 2-11.	3.8	128
16	Pan-Genome Analysis of Human Gastric PathogenH. pylori: Comparative Genomics and Pathogenomics Approaches to Identify Regions Associated with Pathogenicity and Prediction of Potential Core Therapeutic Targets. BioMed Research International, 2015, 2015, 1-17.	1.9	47
17	Current Review of Genetically Modified Lactic Acid Bacteria for the Prevention and Treatment of Colitis Using Murine Models. Gastroenterology Research and Practice, 2015, 2015, 1-8.	1.5	55
18	Development of a new DNA vaccine based on mycobacterial ESAT-6 antigen delivered by recombinant invasive Lactococcus lactis FnBPA+. Applied Microbiology and Biotechnology, 2015, 99, 1817-1826.	3.6	24

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19	Evaluation of a Streptococcus thermophilus strain with innate anti-inflammatory properties as a vehicle for IL-10 cDNA delivery in an acute colitis model. Cytokine, 2015, 73, 177-183.	3.2	22
20	Evaluation of ERIC-PCR as Genotyping Method for Corynebacterium pseudotuberculosis Isolates. PLoS ONE, 2014, 9, e98758.	2.5	30
21	Safety and Protective Effectiveness of Two Strains of Lactobacillus with Probiotic Features in an Experimental Model of Salmonellosis. International Journal of Environmental Research and Public Health, 2014, 11, 8755-8776.	2.6	19
22	Fine-tuned characterization of Staphylococcus aureus Newbould 305, a strain associated with mild and chronic mastitis in bovines. Veterinary Research, 2014, 45, 106.	3.0	34
23	Genome Sequence of Lactococcus lactis subsp. lactis NCDO 2118, a GABA-Producing Strain. Genome Announcements, 2014, 2, .	0.8	31
24	Characterization of the Opp Peptide Transporter ofCorynebacterium pseudotuberculosisand Its Role in Virulence and Pathogenicity. BioMed Research International, 2014, 2014, 1-7.	1.9	27
25	An iron-acquisition-deficient mutant of Corynebacterium pseudotuberculosis efficiently protects mice against challenge. Veterinary Research, 2014, 45, 28.	3.0	17
26	Corynebacterium pseudotuberculosiscp09 mutant and cp40 recombinant protein partially protect mice against caseous lymphadenitis. BMC Veterinary Research, 2014, 10, 965.	1.9	25
27	Local and Systemic Immune Mechanisms Underlying the Anti-Colitis Effects of the Dairy Bacterium Lactobacillus delbrueckii. PLoS ONE, 2014, 9, e85923.	2.5	45
28	DNA Vaccines Approach: From Concepts to Applications. World Journal of Vaccines, 2014, 04, 50-71.	0.8	41
29	Anti-inflammatory effects of Lactococcus lactis NCDO 2118 during the remission period of chemically induced colitis. Gut Pathogens, 2014, 6, 33.	3.4	112
30	Serological proteome analysis of Corynebacterium pseudotuberculosis isolated from different hosts reveals novel candidates for prophylactics to control caseous lymphadenitis. Veterinary Microbiology, 2014, 174, 255-260.	1.9	13
31	Lactococcus lactiscarrying the pValac DNA expression vector coding for IL-10 reduces inflammation in a murine model of experimental colitis. BMC Biotechnology, 2014, 14, 73.	3.3	40
32	Effect of intestinal colonisation by two Lactobacillus strains on the immune response of gnotobiotic mice. Beneficial Microbes, 2014, 5, 409-419.	2.4	14
33	Identification of a vaccine against schistosomiasis using bioinformatics and molecular modeling tools. Infection, Genetics and Evolution, 2013, 20, 83-95.	2.3	9
34	Hsp65-producing Lactococcus lactis prevents experimental autoimmune encephalomyelitis in mice by inducing CD4+LAP+ regulatory T cells. Journal of Autoimmunity, 2013, 40, 45-57.	6.5	76
35	Genome sequence of Corynebacterium pseudotuberculosis biovar equi strain 258 and prediction of antigenic targets to improve biotechnological vaccine production. Journal of Biotechnology, 2013, 167, 135-141.	3.8	41
36	PROGRESSION OF â€˜OMICSâ€™ METHODOLOGIES FOR UNDERSTANDING THE PATHOGENICITY OF CORYNEBACTERIUM PSEUDOTUBERCULOSIS: THE BRAZILIAN EXPERIENCE. Computational and Structural Biotechnology Journal, 2013, 6, e201303013.	4.1	14

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37	A Novel Interleukin-10 Dna Mucosal Delivery System Attenuates Intestinal Inflammation in a Mouse Model. European Journal of Inflammation, 2013, 11, 641-654.	0.5	28
38	The Pan-Genome of the Animal Pathogen Corynebacterium pseudotuberculosis Reveals Differences in Genome Plasticity between the Biovar ovis and equi Strains. PLoS ONE, 2013, 8, e53818.	2.5	92
39	Pangenomic Study of Corynebacterium diphtheriae That Provides Insights into the Genomic Diversity of Pathogenic Isolates from Cases of Classical Diphtheria, Endocarditis, and Pneumonia. Journal of Bacteriology, 2012, 194, 3199-3215.	2.2	142
40	Genome Sequence of Staphylococcus aureus Newbould 305, a Strain Associated with Mild Bovine Mastitis. Journal of Bacteriology, 2012, 194, 6292-6293.	2.2	29
41	The Corynebacterium pseudotuberculosis in silico predicted pan-exoproteome. BMC Genomics, 2012, 13, S6.	2.8	16
42	PIPS: Pathogenicity Island Prediction Software. PLoS ONE, 2012, 7, e30848.	2.5	70
43	Cytoplasmic and extracellular expression of pharmaceutical-grade mycobacterial 65-kDa heat shock protein in Lactococcus lactis. Genetics and Molecular Research, 2012, 11, 1146-1157.	0.2	22
44	Production of Fibronectin Binding Protein A at the Surface of Lactococcus lactis Increases Plasmid Transfer In Vitro and In Vivo. PLoS ONE, 2012, 7, e44892.	2.5	35
45	DNA repair in Corynebacterium model. Gene, 2011, 482, 1-7.	2.2	26
46	Lactococcus lactis as a live vector: Heterologous protein production and DNA delivery systems. Protein Expression and Purification, 2011, 79, 165-175.	1.3	123
47	Evidence for Reductive Genome Evolution and Lateral Acquisition of Virulence Functions in Two Corynebacterium pseudotuberculosis Strains. PLoS ONE, 2011, 6, e18551.	2.5	75
48	A Novel Comparative Genomics Analysis for Common Drug and Vaccine Targets in Corynebacterium pseudotuberculosis and other CMN Group of Human Pathogens. Chemical Biology and Drug Design, 2011, 78, 73-84.	3.2	48
49	Molecular characterization of Corynebacterium pseudotuberculosis isolates using ERIC-PCR. Veterinary Microbiology, 2011, 153, 299-306.	1.9	28
50	Comparative analysis of two complete Corynebacterium ulcerans genomes and detection of candidate virulence factors. BMC Genomics, 2011, 12, 383.	2.8	85
51	A combined approach for comparative exoproteome analysis of Corynebacterium pseudotuberculosis. BMC Microbiology, 2011, 11, 12.	3.3	52
52	Importance of IL-10 Modulation by Probiotic Microorganisms in Gastrointestinal Inflammatory Diseases. ISRN Gastroenterology, 2011, 2011, 1-11.	1.5	93
53	Survey of genome organization and gene content of Corynebacterium pseudotuberculosis. Microbiological Research, 2010, 165, 312-320.	5.3	17
54	The complete genome sequence of Corynebacterium pseudotuberculosis FRC41 isolated from a 12-year-old girl with necrotizing lymphadenitis reveals insights into gene-regulatory networks contributing to virulence. BMC Genomics, 2010, 11, 728.	2.8	89

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55	An intranasal administration of Lactococcus lactis strains expressing recombinant interleukinâ€10 modulates acute allergic airway inflammation in a murine model. Clinical and Experimental Allergy, 2010, 40, 1541-1551.	2.9	37
56	High seroprevalence of caseous lymphadenitis in Brazilian goat herds revealed by Corynebacterium pseudotuberculosis secreted proteins-based ELISA. Research in Veterinary Science, 2010, 88, 50-55.	1.9	71
57	Lactococcus lactis Expressing either Staphylococcus aureus Fibronectin-Binding Protein A or Listeria monocytogenes Internalin A Can Efficiently Internalize and Deliver DNA in Human Epithelial Cells. Applied and Environmental Microbiology, 2009, 75, 4870-4878.	3.1	93
58	Caseous lymphadenitis in sheep flocks of the state of Minas Gerais, Brazil: Prevalence and management surveys. Small Ruminant Research, 2009, 87, 86-91.	1.2	34
59	A new plasmid vector for DNA delivery using lactococci. Genetic Vaccines and Therapy, 2009, 7, 4.	1.5	45
60	Antigens ofCorynebacterium pseudotuberculosisand prospects for vaccine development. Expert Review of Vaccines, 2009, 8, 205-213.	4.4	48
61	Multiplex PCR assay for identification of Corynebacterium pseudotuberculosis from pure cultures and for rapid detection of this pathogen in clinical samples. Journal of Medical Microbiology, 2007, 56, 480-486.	1.8	125
62	The role of the vacB gene in the pathogenesis of Brucella abortus. Microbes and Infection, 2007, 9, 375-381.	1.9	17
63	Heterologous expression of Brucella abortus GroEL heat-shock protein in Lactococcus lactis. Microbial Cell Factories, 2006, 5, 14.	4.0	26
64	An improved protocol for electrotransformation of Corynebacterium pseudotuberculosis. Veterinary Microbiology, 2006, 114, 298-303.	1.9	24
65	Corynebacterium pseudotuberculosis: microbiology, biochemical properties, pathogenesis and molecular studies of virulence. Veterinary Research, 2006, 37, 201-218.	3.0	308
66	In Vivo Insertional Mutagenesis in Corynebacterium pseudotuberculosis: an Efficient Means To Identify DNA Sequences Encoding Exported Proteins. Applied and Environmental Microbiology, 2006, 72, 7368-7372.	3.1	18
67	Construction and partial characterization of a Corynebacterium pseudotuberculosis bacterial artificial chromosome library through genomic survey sequencing. Genetics and Molecular Research, 2006, 5, 653-63.	0.2	8
68	Protein secretion in Lactococcus lactis : an efficient way to increase the overall heterologous protein production. Microbial Cell Factories, 2005, 4, 2.	4.0	178
69	A xylose-inducible expression system forLactococcus lactis. FEMS Microbiology Letters, 2004, 239, 205-212.	1.8	93
70	Update of microbial genome programs for bacteria and archaea. Genetics and Molecular Research, 2004, 3, 421-31.	0.2	8
71	Induction of Partial Protection in Mice after Oral Administration ofLactococcus lactisProducingBrucella abortusL7/L12 Antigen. Journal of Drug Targeting, 2003, 11, 489-493.	4.4	40
72	Oxidative stress in Lactococcus lactis. Genetics and Molecular Research, 2003, 2, 348-59.	0.2	82

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73	Controlled Production of Stable Heterologous Proteins in Lactococcus lactis. Applied and Environmental Microbiology, 2002, 68, 3141-3146.	3.1	89