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	Corynebacterium pseudotuberculosis: microbiology, biochemical properties, pathogenesis and molecular studies of virulence. Veterinary Research, 2006, 37, 201-218.	3.0	308
2	Protein secretion in Lactococcus lactis : an efficient way to increase the overall heterologous protein production. Microbial Cell Factories, 2005, 4, 2.	4.0	178
3	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
4	GIPSy: Genomic island prediction software. Journal of Biotechnology, 2016, 232, 2-11.	3.8	128
5	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
6	Lactococcus lactis as a live vector: Heterologous protein production and DNA delivery systems. Protein Expression and Purification, 2011, 79, 165-175.	1.3	123
7	Anti-inflammatory effects of Lactococcus lactis NCDO 2118 during the remission period of chemically induced colitis. Gut Pathogens, 2014, 6, 33.	3.4	112
8	A xylose-inducible expression system forLactococcus lactis. FEMS Microbiology Letters, 2004, 239, 205-212.	1.8	93
9	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
10	Importance of IL-10 Modulation by Probiotic Microorganisms in Gastrointestinal Inflammatory Diseases. ISRN Gastroenterology, 2011, 2011, 1-11.	1.5	93
11	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
12	Controlled Production of Stable Heterologous Proteins in Lactococcus lactis. Applied and Environmental Microbiology, 2002, 68, 3141-3146.	3.1	89
13	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
14	Comparative analysis of two complete Corynebacterium ulcerans genomes and detection of candidate virulence factors. BMC Genomics, 2011, 12, 383.	2.8	85
15	Oxidative stress in Lactococcus lactis. Genetics and Molecular Research, 2003, 2, 348-59.	0.2	82
16	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
17	Evidence for Reductive Genome Evolution and Lateral Acquisition of Virulence Functions in Two Corynebacterium pseudotuberculosis Strains. PLoS ONE, 2011, 6, e18551.	2.5	75
18	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

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19	PIPS: Pathogenicity Island Prediction Software. PLoS ONE, 2012, 7, e30848.	2.5	70
20	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
21	A combined approach for comparative exoproteome analysis of Corynebacterium pseudotuberculosis. BMC Microbiology, 2011, 11, 12.	3.3	52
22	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
23	Antigens ofCorynebacterium pseudotuberculosisand prospects for vaccine development. Expert Review of Vaccines, 2009, 8, 205-213.	4.4	48
24	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
25	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
26	A new plasmid vector for DNA delivery using lactococci. Genetic Vaccines and Therapy, 2009, 7, 4.	1.5	45
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	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
29	DNA Vaccines Approach: From Concepts to Applications. World Journal of Vaccines, 2014, 04, 50-71.	0.8	41
30	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
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	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
33	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
34	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
35	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
36	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

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37	Genome Sequence of Lactococcus lactis subsp. lactis NCDO 2118, a GABA-Producing Strain. Genome Announcements, 2014, 2, .	0.8	31
38	Evaluation of ERIC-PCR as Genotyping Method for Corynebacterium pseudotuberculosis Isolates. PLoS ONE, 2014, 9, e98758.	2.5	30
39	Genome Sequence of Staphylococcus aureus Newbould 305, a Strain Associated with Mild Bovine Mastitis. Journal of Bacteriology, 2012, 194, 6292-6293.	2.2	29
40	Molecular characterization of Corynebacterium pseudotuberculosis isolates using ERIC-PCR. Veterinary Microbiology, 2011, 153, 299-306.	1.9	28
41	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
42	Characterization of the Opp Peptide Transporter ofCorynebacterium pseudotuberculosisand Its Role in Virulence and Pathogenicity. BioMed Research International, 2014, 2014, 1-7.	1.9	27
43	Heterologous expression of Brucella abortus GroEL heat-shock protein in Lactococcus lactis. Microbial Cell Factories, 2006, 5, 14.	4.0	26
44	DNA repair in Corynebacterium model. Gene, 2011, 482, 1-7.	2.2	26
45	Corynebacterium pseudotuberculosiscp09 mutant and cp40 recombinant protein partially protect mice against caseous lymphadenitis. BMC Veterinary Research, 2014, 10, 965.	1.9	25
46	An improved protocol for electrotransformation of Corynebacterium pseudotuberculosis. Veterinary Microbiology, 2006, 114, 298-303.	1.9	24
47	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
48	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
49	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
50	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
51	Attenuation of intestinal inflammation in IL-10 deficient mice by a plasmid carrying Lactococcus lactis strain. BMC Biotechnology, 2020, 20, 38.	3.3	20
52	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
53	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
54	The role of the vacB gene in the pathogenesis of Brucella abortus. Microbes and Infection, 2007, 9, 375-381.	1.9	17

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55	Survey of genome organization and gene content of Corynebacterium pseudotuberculosis. Microbiological Research, 2010, 165, 312-320.	5.3	17
56	An iron-acquisition-deficient mutant of Corynebacterium pseudotuberculosis efficiently protects mice against challenge. Veterinary Research, 2014, 45, 28.	3.0	17
57	The Corynebacterium pseudotuberculosis in silico predicted pan-exoproteome. BMC Genomics, 2012, 13, S6.	2.8	16
58	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
59	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
60	Effect of intestinal colonisation by two Lactobacillus strains on the immune response of gnotobiotic mice. Beneficial Microbes, 2014, 5, 409-419.	2.4	14
61	Lactococcus lactis carrying a DNA vaccine coding for the ESAT-6 antigen increases IL-17 cytokine secretion and boosts the BCG vaccine immune response. Journal of Applied Microbiology, 2017, 122, 1657-1662.	3.1	14
62	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
63	Adaptation of Propionibacterium freudenreichii to long-term survival under gradual nutritional shortage. BMC Genomics, 2016, 17, 1007.	2.8	13
64	The long-term survival of Propionibacterium freudenreichii in a context of nutrient shortage. Journal of Applied Microbiology, 2016, 120, 432-440.	3.1	13
65	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
66	Identification of a vaccine against schistosomiasis using bioinformatics and molecular modeling tools. Infection, Genetics and Evolution, 2013, 20, 83-95.	2.3	9
67	Update of microbial genome programs for bacteria and archaea. Genetics and Molecular Research, 2004, 3, 421-31.	0.2	8
68	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
69	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
70	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
71	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
72	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

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73	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