Attila Karsi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/882924/publications.pdf

Version: 2024-02-01

98	2,571	186265	233421
papers	citations	28 h-index	45 g-index

99	99	99	2266
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pathological and Ultrastructural Characterization of an Edwardsiella ictaluri Triple hemR Mutant. Journal of Aquatic Animal Health, 2022, , .	1.4	0
2	Dietary trans-cinnamaldehyde improves oxidative stress response of channel catfish (Ictalurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.5	9
3	Adaptive immune responses in channel catfish exposed to Edwardsiella ictaluri live attenuated vaccine and wild type strains through the specific gene expression profiles. Developmental and Comparative Immunology, 2021, 116, 103950.	2.3	5
4	Virulence and live vaccine potential of Edwardsiella piscicida phoP and phoQ mutants in catfish against edwardsiellosis. Journal of Fish Diseases, 2021, 44, 1463-1474.	1.9	5
5	Hemolysin Co-regulated Family Proteins Hcp1 and Hcp2 Contribute to Edwardsiella ictaluri Pathogenesis. Frontiers in Veterinary Science, 2021, 8, 681609.	2.2	7
6	Adaptive Immune System in Fish. Turkish Journal of Fisheries and Aquatic Sciences, 2021, 22, .	0.9	3
7	Edwardsiella ictaluri evpP is required for colonisation of channel catfish ovary cells and necrosis in anterior kidney macrophages. Cellular Microbiology, 2020, 22, e13135.	2.1	10
8	An Edwardsiella piscicida esaS mutant reveals contribution to virulence and vaccine potential. Microbial Pathogenesis, 2020, 143, 104108.	2.9	2
9	Genomic diversity in flavobacterial pathogens of aquatic origin. Microbial Pathogenesis, 2020, 142, 104053.	2.9	14
10	Contributions of a LysR Transcriptional Regulator to Listeria monocytogenes Virulence and Identification of Its Regulons. Journal of Bacteriology, 2020, 202, .	2.2	18
11	Live attenuated Edwardsiella ictaluri vaccines enhance the protective innate immune responses of channel catfish B cells. Developmental and Comparative Immunology, 2020, 109, 103711.	2.3	1
12	Comparative genomics of the fish pathogens Edwardsiella ictaluri 93-146 and Edwardsiella piscicida C07-087. Microbial Genomics, 2020, 6, .	2.0	14
13	Recombinant ATPase of Virulent Aeromonas hydrophila Protects Channel Catfish Against Motile Aeromonas Septicemia. Frontiers in Immunology, 2019, 10, 1641.	4.8	21
14	Effects of florfenicol feeding on diversity and composition of the intestinal microbiota of channel catfish (Ictalurus punctatus). Aquaculture Research, 2019, 50, 3663-3672.	1.8	18
15	Comparative genomics of Aeromonas veronii: Identification of a pathotype impacting aquaculture globally. PLoS ONE, 2019, 14, e0221018.	2.5	50
16	Validation of Predicted Virulence Factors in Listeria monocytogenes Identified Using Comparative Genomics. Toxins, 2019, 11, 508.	3.4	7
17	Effects of Live Attenuated Vaccine and Wild Type Strains of Edwardsiella ictaluri on Phagocytosis, Bacterial Killing, and Survival of Catfish B Cells. Frontiers in Immunology, 2019, 10, 2383.	4.8	7
18	Efficient Gene Deletion Method for Listeria monocytogenes. Methods in Molecular Biology, 2019, 2016, 159-170.	0.9	3

#	Article	IF	Citations
19	Assessment of the Live Attenuated and Wild-Type Edwardsiella ictaluri-Induced Immune Gene Expression and Langerhans-Like Cell Profiles in the Immune-Related Organs of Catfish. Frontiers in Immunology, 2019, 10, 392.	4.8	20
20	Transposon mutagenesis and identification of mutated genes in growth-delayed Edwardsiella ictaluri. BMC Microbiology, 2019, 19, 55.	3.3	2
21	Evaluating bacterial colonization of a developing broiler embryo after in ovo injection with a bioluminescent bacteria. Poultry Science, 2019, 98, 2997-3006.	3.4	9
22	Antibacterial activities of trans-cinnamaldehyde, caprylic acid, and Î²-resorcylic acid against catfish pathogens. Aquaculture, 2019, 504, 334-344.	3.5	18
23	Construction and evaluation of type <scp>III</scp> secretion system mutants of the catfish pathogen Edwardsiella piscicida. Journal of Fish Diseases, 2018, 41, 805-816.	1.9	19
24	Identification of Differentially Regulated Edwardsiella ictaluri Proteins During Catfish Serum Treatment. Journal of Aquatic Animal Health, 2018, 30, 50-56.	1.4	1
25	The virulence and immune protection of Edwardsiella ictaluri HemR mutants in catfish. Fish and Shellfish Immunology, 2018, 72, 153-160.	3.6	13
26	Universal Stress Proteins Contribute Edwardsiella ictaluri Virulence in Catfish. Frontiers in Microbiology, 2018, 9, 2931.	3.5	3
27	Taxonomic and Functional Metagenomic Profile of Sediment From a Commercial Catfish Pond in Mississippi. Frontiers in Microbiology, 2018, 9, 2855.	3.5	18
28	Draft Genome Sequence of Fish Pathogen Aeromonas bestiarum GA97-22. Genome Announcements, 2018, 6, .	0.8	0
29	Development and Characterization of a Novel Live Attenuated Vaccine Against Enteric Septicemia of Catfish. Frontiers in Microbiology, 2018, 9, 1819.	3.5	23
30	Complete Genome Sequence of Multidrug-Resistant Edwardsiella ictaluri Strain MS-17-156. Genome Announcements, 2018, 6, .	0.8	10
31	Complete Genome Sequence of Multidrug-Resistant Plesiomonas shigelloides Strain MS-17-188. Genome Announcements, 2018, 6, .	0.8	15
32	Stress-related genes promote Edwardsiella ictaluri pathogenesis. PLoS ONE, 2018, 13, e0194669.	2.5	9
33	Comparative Genomics of Aeromonas hydrophila Secretion Systems and Mutational Analysis of hcp1 and vgrG1 Genes From T6SS. Frontiers in Microbiology, 2018, 9, 3216.	3.5	20
34	Draft Genome Sequences of Three Aeromonas hydrophila Isolates from Catfish and Tilapia. Genome Announcements, 2017, 5, .	0.8	4
35	Evaluation of three recombinant outer membrane proteins, OmpA1, Tdr, and TbpA, as potential vaccine antigens against virulent Aeromonas hydrophila infection in channel catfish (Ictalurus punctatus). Fish and Shellfish Immunology, 2017, 66, 480-486.	3.6	54
36	Improving safety of a live attenuated Edwardsiella ictaluri vaccine against enteric septicemia of catfish and evaluation of efficacy. Veterinary Microbiology, 2017, 210, 83-90.	1.9	16

#	Article	IF	Citations
37	Supplemental invasion of Salmonella from the perspective of Salmonella enterica serovars Kentucky and Typhimurium. BMC Microbiology, 2017, 17, 88.	3.3	2
38	Salmonella enterica Serovar Kentucky Flagella Are Required for Broiler Skin Adhesion and Caco-2 Cell Invasion. Applied and Environmental Microbiology, 2017, 83, .	3.1	30
39	The Role of TonB Gene in Edwardsiella ictaluri Virulence. Frontiers in Physiology, 2017, 8, 1066.	2.8	15
40	Comparative Genomics and Transcriptional Analysis of Flavobacterium columnare Strain ATCC 49512. Frontiers in Microbiology, 2017, 8, 588.	3.5	46
41	Comparative Analysis of the Flavobacterium columnare Genomovar I and II Genomes. Frontiers in Microbiology, 2017, 8, 1375.	3.5	37
42	Characterization of Histopathological and Ultrastructural Changes in Channel Catfish Experimentally Infected with Virulent Aeromonas hydrophila. Frontiers in Microbiology, 2017, 8, 1519.	3.5	83
43	Small molecules targeting LapB protein prevent Listeria attachment to catfish muscle. PLoS ONE, 2017, 12, e0189809.	2.5	4
44	Phagocytic and Bactericidal Properties of Channel Catfish Peritoneal Macrophages Exposed to Edwardsiella ictaluri Live Attenuated Vaccine and Wild-Type Strains. Frontiers in Microbiology, 2017, 8, 2638.	3.5	21
45	Identification of Salmonella enterica serovar Kentucky genes involved in attachment to chicken skin. BMC Microbiology, 2016, 16, 168.	3.3	11
46	Ferric hydroxamate uptake system contributes to Edwardsiella ictaluri virulence. Microbial Pathogenesis, 2016, 100, 195-200.	2.9	12
47	Draft Genome Sequences of Four Virulent Aeromonas hydrophila Strains from Catfish Aquaculture. Genome Announcements, 2016, 4, .	0.8	6
48	Identification of Langerhans-like cells in the immunocompetent tissues of channel catfish, Ictalurus punctatus. Fish and Shellfish Immunology, 2016, 58, 253-258.	3.6	16
49	Involvement of tolQ and tolR genes in Edwardsiella ictaluri virulence. Microbial Pathogenesis, 2016, 100, 90-94.	2.9	9
50	Protective efficacy of four recombinant fimbrial proteins of virulent Aeromonas hydrophila strain ML09-119 in channel catfish. Veterinary Microbiology, 2016, 197, 8-14.	1.9	24
51	Genome Sequence of the Fish Pathogen Flavobacterium columnare Genomovar II Strain 94-081. Genome Announcements, 2016, 4, .	0.8	19
52	Construction and evaluation of an Edwardsiella ictaluri virulence protein F mutant. Fish and Shellfish Immunology, 2016, 53, 103.	3.6	0
53	Draft Genome Sequence of Aeromonas hydrophila TN97-08. Genome Announcements, 2016, 4, .	0.8	6
54	The role of Listeria monocytogenes cell wall surface anchor protein LapB in virulence, adherence, and intracellular replication. Microbial Pathogenesis, 2016, 92, 19-25.	2.9	14

#	Article	IF	Citations
55	Identification of high-riskListeria monocytogenesserotypes in lineage I (serotype 1/2a, 1/2c, 3a) Tj ETQq1 1 0.784314 rgBT /Ov	3.1	25
56	A novel suicide plasmid for efficient gene mutation in Listeria monocytogenes. Plasmid, 2015, 81, 1-8.	1.4	22
57	Complete Genome Sequence of Fish Pathogen Aeromonas hydrophila AL06-06. Genome Announcements, 2015, 3, .	0.8	16
58	Succinate dehydrogenase mutant of Listonella anguillarum protects rainbow trout against vibriosis. Vaccine, 2015, 33, 5572-5577.	3.8	8
59	Identification of Differentially Abundant Proteins of Edwardsiella ictaluri during Iron Restriction. PLoS ONE, 2015, 10, e0132504.	2.5	13
60	Tissue persistence and vaccine efficacy of tricarboxylic acid cycle and one-carbon metabolism mutant strains of Edwardsiella ictaluri. Vaccine, 2014, 32, 3971-3976.	3.8	10
61	Effect of multiple mutations in tricarboxylic acid cycle and one-carbon metabolism pathways on Edwardsiella ictaluri pathogenesis. Veterinary Microbiology, 2014, 169, 107-112.	1.9	8
62	Antimicrobial susceptibility pattern of <scp>F</scp>lavobacterium columnare isolates collected worldwide from 17 fish species. Journal of Fish Diseases, 2013, 36, 45-55.	1.9	55
63	Construction and evaluation of an Edwardsiella ictaluri fhuC mutant. Veterinary Microbiology, 2013, 162, 858-865.	1.9	31
64	Complete Genome Sequence of a Channel Catfish Epidemic Isolate, Aeromonas hydrophila Strain ML09-119. Genome Announcements, 2013, 1, .	0.8	47
65	Complete Genome Sequence of Channel Catfish Gastrointestinal Septicemia Isolate Edwardsiella tarda C07-087. Genome Announcements, 2013, 1, .	0.8	22
66	Tricarboxylic Acid Cycle and One-Carbon Metabolism Pathways Are Important in Edwardsiella ictaluri Virulence. PLoS ONE, 2013, 8, e65973.	2.5	29
67	Genome Sequence of the Fish Pathogen Flavobacterium columnare ATCC 49512. Journal of Bacteriology, 2012, 194, 2763-2764.	2.2	57
68	Importance of skin abrasion as a primary site of adhesion for Edwardsiella ictaluri and impact on invasion and systematic infection in channel catfish Ictalurus punctatus. Veterinary Microbiology, 2011, 148, 425-430.	1.9	37
69	Development of stable reporter system cloning luxCDABE genes into chromosome of Salmonella enterica serotypes using Tn7 transposon. BMC Microbiology, 2010, 10, 197.	3.3	25
70	Proteomic analysis of the fish pathogen Flavobacterium columnare. Proteome Science, 2010, 8, 26.	1.7	28
71	Linear plasmid vector for cloning of repetitive or unstable sequences in Escherichia coli. Nucleic Acids Research, 2010, 38, e88-e88.	14.5	89
72	High-Throughput Bioluminescence-Based Mutant Screening Strategy for Identification of Bacterial Virulence Genes. Applied and Environmental Microbiology, 2009, 75, 2166-2175.	3.1	35

#	Article	IF	Citations
73	Proteome analysis ofEdwardsiella ictaluri. Proteomics, 2009, 9, 1353-1363.	2.2	14
74	Genetic and virulence characterization of Flavobacterium columnare from channel catfish (Ictalurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.1	54
75	Development of bioluminescent Salmonella strains for use in food safety. BMC Microbiology, 2008, 8, 10.	3.3	21
76	Broad host range fluorescence and bioluminescence expression vectors for Gram-negative bacteria. Plasmid, 2007, 57, 286-295.	1.4	83
77	Development of bioluminescent Edwardsiella ictaluri for noninvasive disease monitoring. FEMS Microbiology Letters, 2006, 260, 216-223.	1.8	49
78	Linkage mapping of the channel catfish proopiomelanocortin (POMC) gene. Animal Genetics, 2005, 36, 171-173.	1.7	2
79	Assignment of immune-related genes to the channel catfish, Ictalurus punctatus, genetic map. Animal Genetics, 2005, 36, 502-506.	1.7	7
80	Genomic structure of the proopiomelanocortin gene and expression during acute low-water stress in channel catfish. General and Comparative Endocrinology, 2005, 143, 104-112.	1.8	16
81	Partial cloning of theT-cell receptor-Î±gene and assignment ofTRAandTRBgenes to the catfish linkage map. Animal Genetics, 2004, 35, 150-151.	1.7	3
82	Molecular cloning of proopiomelanocortin cDNA and multi-tissue mRNA expression in channel catfish. General and Comparative Endocrinology, 2004, 137, 312-321.	1.8	28
83	Translational machinery of channel catfish: II. Complementary DNA and expression of the complete set of 47 60S ribosomal proteins. Gene, 2003, 305, 151-160.	2.2	26
84	Rapid development of gene-tagged microsatellite markers from bacterial artificial chromosome clones using anchored TAA repeat primers. BioTechniques, 2003, 35, 976-979.	1.8	56
85	An AFLP-Based Genetic Linkage Map of Channel Catfish (Ictalurus punctatus) Constructed by Using an Interspecific Hybrid Resource Family. Genetics, 2003, 165, 687-694.	2.9	153
86	Transcriptome analysis of channel catfish (Ictalurus punctatus): initial analysis of gene expression and microsatellite-containing cDNAs in the skin. Gene, 2002, 285, 157-168.	2.2	118
87	Translational machinery of channel catfish: I. A transcriptomic approach to the analysis of 32 40S ribosomal protein genes and their expression. Gene, 2002, 291, 177-186.	2.2	42
88	Expression Profile of the Channel Catfish Spleen: Analysis of Genes Involved in Immune Functions. Marine Biotechnology, 2002, 4, 526-536.	2.4	89
89	Microsatellite-Containing Genes from the Channel Catfish Brain: Evidence of Trinucleotide Repeat Expansion in the Coding Region of Nucleotide Excision Repair Gene RAD23B. Biochemical and Biophysical Research Communications, 2001, 289, 317-324.	2.1	34
90	Multiple isoforms and an unusual cathodic isoform of creatine kinase from channel catfish (Ictalurus punctatus). Gene, 2001, 275, 207-215.	2.2	14

#	Article	IF	Citations
91	Effects of Insert Size on Transposition Efficiency of the Sleeping Beauty Transposon in Mouse Cells. Marine Biotechnology, 2001, 3, 241-245.	2.4	54
92	Transcriptome of channel catfish (Ictalurus punctatus): initial analysis of genes and expression profiles of the head kidney. Animal Genetics, 2001, 32, 169-188.	1.7	64
93	Channel Catfish Follicle-Stimulating Hormone and Luteinizing Hormone: Complementary DNA Cloning and Expression During Ovulation. Marine Biotechnology, 2001, 3, 0590-0599.	2.4	33
94	The skeletal muscle Î±-actin gene of channel catfish (Ictalurus punctatus) and its association with piscine specific SINE elements. Gene, 2000, 252, 173-181.	2.2	41
95	Transcriptome analysis of channel catfish (Ictalurus punctatus): genes and expression profile from the brain. Gene, 2000, 261, 373-382.	2.2	101
96	Polymorphic microsatellite markers in Ictalurus punctatus and related catfish species. Molecular Ecology, 1999, 8, 1758-1760.	3.9	25
97	Development of Polymorphic EST Markers Suitable for Genetic Linkage Mapping of Catfish. Marine Biotechnology, 1999, 1, 437-447.	2.4	51
98	Transcriptional activities in the pituitaries of channel catfish before and after induced ovulation by injection of carp pituitary extract as revealed by expressed sequence tag analysis. Journal of Molecular Endocrinology, 1998, 21, 121-129.	2.5	32