

Attila Karsi

List of Publications by Year in descending order

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papers

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186265

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2266
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#	ARTICLE	IF	CITATIONS
1	An AFLP-Based Genetic Linkage Map of Channel Catfish (<i>Ictalurus punctatus</i>) Constructed by Using an Interspecific Hybrid Resource Family. <i>Genetics</i> , 2003, 165, 687-694.	2.9	153
2	Transcriptome analysis of channel catfish (<i>Ictalurus punctatus</i>): initial analysis of gene expression and microsatellite-containing cDNAs in the skin. <i>Gene</i> , 2002, 285, 157-168.	2.2	118
3	Transcriptome analysis of channel catfish (<i>Ictalurus punctatus</i>): genes and expression profile from the brain. <i>Gene</i> , 2000, 261, 373-382.	2.2	101
4	Expression Profile of the Channel Catfish Spleen: Analysis of Genes Involved in Immune Functions. <i>Marine Biotechnology</i> , 2002, 4, 526-536.	2.4	89
5	Linear plasmid vector for cloning of repetitive or unstable sequences in <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2010, 38, e88-e88.	14.5	89
6	Broad host range fluorescence and bioluminescence expression vectors for Gram-negative bacteria. <i>Plasmid</i> , 2007, 57, 286-295.	1.4	83
7	Characterization of Histopathological and Ultrastructural Changes in Channel Catfish Experimentally Infected with Virulent <i>Aeromonas hydrophila</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1519.	3.5	83
8	Transcriptome of channel catfish (<i>Ictalurus punctatus</i>): initial analysis of genes and expression profiles of the head kidney. <i>Animal Genetics</i> , 2001, 32, 169-188.	1.7	64
9	Genome Sequence of the Fish Pathogen <i>Flavobacterium columnare</i> ATCC 49512. <i>Journal of Bacteriology</i> , 2012, 194, 2763-2764.	2.2	57
10	Rapid development of gene-tagged microsatellite markers from bacterial artificial chromosome clones using anchored TAA repeat primers. <i>BioTechniques</i> , 2003, 35, 976-979.	1.8	56
11	Antimicrobial susceptibility pattern of <i>Flavobacterium columnare</i> isolates collected worldwide from 17 fish species. <i>Journal of Fish Diseases</i> , 2013, 36, 45-55.	1.9	55
12	Effects of Insert Size on Transposition Efficiency of the Sleeping Beauty Transposon in Mouse Cells. <i>Marine Biotechnology</i> , 2001, 3, 241-245.	2.4	54
13	Genetic and virulence characterization of <i>Flavobacterium columnare</i> from channel catfish (<i>Ictalurus</i>) Tj ETQq1 1 0.784314 rgBT /Over 3.1 54		
14	Evaluation of three recombinant outer membrane proteins, OmpA1, Tdr, and TbpA, as potential vaccine antigens against virulent <i>Aeromonas hydrophila</i> infection in channel catfish (<i>Ictalurus punctatus</i>). <i>Fish and Shellfish Immunology</i> , 2017, 66, 480-486.	3.6	54
15	Development of Polymorphic EST Markers Suitable for Genetic Linkage Mapping of Catfish. <i>Marine Biotechnology</i> , 1999, 1, 437-447.	2.4	51
16	Comparative genomics of <i>Aeromonas veronii</i> : Identification of a pathotype impacting aquaculture globally. <i>PLoS ONE</i> , 2019, 14, e0221018.	2.5	50
17	Development of bioluminescent <i>Edwardsiella ictaluri</i> for noninvasive disease monitoring. <i>FEMS Microbiology Letters</i> , 2006, 260, 216-223.	1.8	49
18	Complete Genome Sequence of a Channel Catfish Epidemic Isolate, <i>Aeromonas hydrophila</i> Strain ML09-119. <i>Genome Announcements</i> , 2013, 1, .	0.8	47

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19	Comparative Genomics and Transcriptional Analysis of <i>Flavobacterium columnare</i> Strain ATCC 49512. <i>Frontiers in Microbiology</i> , 2017, 8, 588.	3.5	46
20	Translational machinery of channel catfish: I. A transcriptomic approach to the analysis of 32 40S ribosomal protein genes and their expression. <i>Gene</i> , 2002, 291, 177-186.	2.2	42
21	The skeletal muscle β -actin gene of channel catfish (<i>Ictalurus punctatus</i>) and its association with piscine specific SINE elements. <i>Gene</i> , 2000, 252, 173-181.	2.2	41
22	Importance of skin abrasion as a primary site of adhesion for <i>Edwardsiella ictaluri</i> and impact on invasion and systematic infection in channel catfish <i>Ictalurus punctatus</i> . <i>Veterinary Microbiology</i> , 2011, 148, 425-430.	1.9	37
23	Comparative Analysis of the <i>Flavobacterium columnare</i> Genomovar I and II Genomes. <i>Frontiers in Microbiology</i> , 2017, 8, 1375.	3.5	37
24	High-Throughput Bioluminescence-Based Mutant Screening Strategy for Identification of Bacterial Virulence Genes. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2166-2175.	3.1	35
25	Microsatellite-Containing Genes from the Channel Catfish Brain: Evidence of Trinucleotide Repeat Expansion in the Coding Region of Nucleotide Excision Repair Gene RAD23B. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 317-324.	2.1	34
26	Channel Catfish Follicle-Stimulating Hormone and Luteinizing Hormone: Complementary DNA Cloning and Expression During Ovulation. <i>Marine Biotechnology</i> , 2001, 3, 0590-0599.	2.4	33
27	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. <i>Journal of Molecular Endocrinology</i> , 1998, 21, 121-129.	2.5	32
28	Construction and evaluation of an <i>Edwardsiella ictaluri</i> <i>fhuC</i> mutant. <i>Veterinary Microbiology</i> , 2013, 162, 858-865.	1.9	31
29	<i>Salmonella enterica</i> Serovar Kentucky Flagella Are Required for Broiler Skin Adhesion and Caco-2 Cell Invasion. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	30
30	Tricarboxylic Acid Cycle and One-Carbon Metabolism Pathways Are Important in <i>Edwardsiella ictaluri</i> Virulence. <i>PLoS ONE</i> , 2013, 8, e65973.	2.5	29
31	Molecular cloning of proopiomelanocortin cDNA and multi-tissue mRNA expression in channel catfish. <i>General and Comparative Endocrinology</i> , 2004, 137, 312-321.	1.8	28
32	Proteomic analysis of the fish pathogen <i>Flavobacterium columnare</i> . <i>Proteome Science</i> , 2010, 8, 26.	1.7	28
33	Translational machinery of channel catfish: II. Complementary DNA and expression of the complete set of 47 60S ribosomal proteins. <i>Gene</i> , 2003, 305, 151-160.	2.2	26
34	Polymorphic microsatellite markers in <i>Ictalurus punctatus</i> and related catfish species. <i>Molecular Ecology</i> , 1999, 8, 1758-1760.	3.9	25
35	Development of stable reporter system cloning <i>luxCDABE</i> genes into chromosome of <i>Salmonella enterica</i> serotypes using Tn7 transposon. <i>BMC Microbiology</i> , 2010, 10, 197.	3.3	25
36	Identification of high-risk <i>Listeria monocytogenes</i> serotypes in lineage I (serotype 1/2a, 1/2c, 3a) Tj ETQq0 0 Q rgBT /Overlock 10 T	3.1	25

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37	Protective efficacy of four recombinant fimbrial proteins of virulent <i>Aeromonas hydrophila</i> strain ML09-119 in channel catfish. <i>Veterinary Microbiology</i> , 2016, 197, 8-14.	1.9	24
38	Development and Characterization of a Novel Live Attenuated Vaccine Against Enteric Septicemia of Catfish. <i>Frontiers in Microbiology</i> , 2018, 9, 1819.	3.5	23
39	Complete Genome Sequence of Channel Catfish Gastrointestinal Septicemia Isolate <i>Edwardsiella tarda</i> C07-087. <i>Genome Announcements</i> , 2013, 1, .	0.8	22
40	A novel suicide plasmid for efficient gene mutation in <i>Listeria monocytogenes</i> . <i>Plasmid</i> , 2015, 81, 1-8.	1.4	22
41	Development of bioluminescent <i>Salmonella</i> strains for use in food safety. <i>BMC Microbiology</i> , 2008, 8, 10.	3.3	21
42	Phagocytic and Bactericidal Properties of Channel Catfish Peritoneal Macrophages Exposed to <i>Edwardsiella ictaluri</i> Live Attenuated Vaccine and Wild-Type Strains. <i>Frontiers in Microbiology</i> , 2017, 8, 2638.	3.5	21
43	Recombinant ATPase of Virulent <i>Aeromonas hydrophila</i> Protects Channel Catfish Against Motile <i>Aeromonas</i> Septicemia. <i>Frontiers in Immunology</i> , 2019, 10, 1641.	4.8	21
44	Assessment of the Live Attenuated and Wild-Type <i>Edwardsiella ictaluri</i> -Induced Immune Gene Expression and Langerhans-Like Cell Profiles in the Immune-Related Organs of Catfish. <i>Frontiers in Immunology</i> , 2019, 10, 392.	4.8	20
45	Comparative Genomics of <i>Aeromonas hydrophila</i> Secretion Systems and Mutational Analysis of <i>hcp1</i> and <i>vgrG1</i> Genes From T6SS. <i>Frontiers in Microbiology</i> , 2018, 9, 3216.	3.5	20
46	Genome Sequence of the Fish Pathogen <i>Flavobacterium columnare</i> Genomovar II Strain 94-081. <i>Genome Announcements</i> , 2016, 4, .	0.8	19
47	Construction and evaluation of type <i>scp>III</scp></i> secretion system mutants of the catfish pathogen <i>Edwardsiella piscicida</i> . <i>Journal of Fish Diseases</i> , 2018, 41, 805-816.	1.9	19
48	Taxonomic and Functional Metagenomic Profile of Sediment From a Commercial Catfish Pond in Mississippi. <i>Frontiers in Microbiology</i> , 2018, 9, 2855.	3.5	18
49	Effects of florfenicol feeding on diversity and composition of the intestinal microbiota of channel catfish (<i>Ictalurus punctatus</i>). <i>Aquaculture Research</i> , 2019, 50, 3663-3672.	1.8	18
50	Antibacterial activities of trans-cinnamaldehyde, caprylic acid, and \hat{I}^2 -resorcylic acid against catfish pathogens. <i>Aquaculture</i> , 2019, 504, 334-344.	3.5	18
51	Contributions of a LysR Transcriptional Regulator to <i>Listeria monocytogenes</i> Virulence and Identification of Its Regulons. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	18
52	Genomic structure of the proopiomelanocortin gene and expression during acute low-water stress in channel catfish. <i>General and Comparative Endocrinology</i> , 2005, 143, 104-112.	1.8	16
53	Complete Genome Sequence of Fish Pathogen <i>Aeromonas hydrophila</i> AL06-06. <i>Genome Announcements</i> , 2015, 3, .	0.8	16
54	Identification of Langerhans-like cells in the immunocompetent tissues of channel catfish, <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2016, 58, 253-258.	3.6	16

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55	Improving safety of a live attenuated <i>Edwardsiella ictaluri</i> vaccine against enteric septicemia of catfish and evaluation of efficacy. <i>Veterinary Microbiology</i> , 2017, 210, 83-90.	1.9	16
56	The Role of TonB Gene in <i>Edwardsiella ictaluri</i> Virulence. <i>Frontiers in Physiology</i> , 2017, 8, 1066.	2.8	15
57	Complete Genome Sequence of Multidrug-Resistant <i>Plesiomonas shigelloides</i> Strain MS-17-188. <i>Genome Announcements</i> , 2018, 6, .	0.8	15
58	Multiple isoforms and an unusual cathodic isoform of creatine kinase from channel catfish (<i>Ictalurus punctatus</i>). <i>Gene</i> , 2001, 275, 207-215.	2.2	14
59	Proteome analysis of <i>Edwardsiella ictaluri</i> . <i>Proteomics</i> , 2009, 9, 1353-1363.	2.2	14
60	The role of <i>Listeria monocytogenes</i> cell wall surface anchor protein LapB in virulence, adherence, and intracellular replication. <i>Microbial Pathogenesis</i> , 2016, 92, 19-25.	2.9	14
61	Genomic diversity in flavobacterial pathogens of aquatic origin. <i>Microbial Pathogenesis</i> , 2020, 142, 104053.	2.9	14
62	Comparative genomics of the fish pathogens <i>Edwardsiella ictaluri</i> 93-146 and <i>Edwardsiella piscicida</i> C07-087. <i>Microbial Genomics</i> , 2020, 6, .	2.0	14
63	The virulence and immune protection of <i>Edwardsiella ictaluri</i> HemR mutants in catfish. <i>Fish and Shellfish Immunology</i> , 2018, 72, 153-160.	3.6	13
64	Identification of Differentially Abundant Proteins of <i>Edwardsiella ictaluri</i> during Iron Restriction. <i>PLoS ONE</i> , 2015, 10, e0132504.	2.5	13
65	Ferric hydroxamate uptake system contributes to <i>Edwardsiella ictaluri</i> virulence. <i>Microbial Pathogenesis</i> , 2016, 100, 195-200.	2.9	12
66	Identification of <i>Salmonella enterica</i> serovar Kentucky genes involved in attachment to chicken skin. <i>BMC Microbiology</i> , 2016, 16, 168.	3.3	11
67	Tissue persistence and vaccine efficacy of tricarboxylic acid cycle and one-carbon metabolism mutant strains of <i>Edwardsiella ictaluri</i> . <i>Vaccine</i> , 2014, 32, 3971-3976.	3.8	10
68	Complete Genome Sequence of Multidrug-Resistant <i>Edwardsiella ictaluri</i> Strain MS-17-156. <i>Genome Announcements</i> , 2018, 6, .	0.8	10
69	<i>Edwardsiella ictaluri</i> evpP is required for colonisation of channel catfish ovary cells and necrosis in anterior kidney macrophages. <i>Cellular Microbiology</i> , 2020, 22, e13135.	2.1	10
70	Involvement of tolQ and tolR genes in <i>Edwardsiella ictaluri</i> virulence. <i>Microbial Pathogenesis</i> , 2016, 100, 90-94.	2.9	9
71	Stress-related genes promote <i>Edwardsiella ictaluri</i> pathogenesis. <i>PLoS ONE</i> , 2018, 13, e0194669.	2.5	9
72	Evaluating bacterial colonization of a developing broiler embryo after in ovo injection with a bioluminescent bacteria. <i>Poultry Science</i> , 2019, 98, 2997-3006.	3.4	9

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73	Dietary trans-cinnamaldehyde improves oxidative stress response of channel catfish (<i>Ictalurus</i>) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10	3.5	10
74	Effect of multiple mutations in tricarboxylic acid cycle and one-carbon metabolism pathways on <i>Edwardsiella ictaluri</i> pathogenesis. <i>Veterinary Microbiology</i> , 2014, 169, 107-112.	1.9	8
75	Succinate dehydrogenase mutant of <i>Listonella anguillarum</i> protects rainbow trout against vibriosis. <i>Vaccine</i> , 2015, 33, 5572-5577.	3.8	8
76	Assignment of immune-related genes to the channel catfish, <i>Ictalurus punctatus</i> , genetic map. <i>Animal Genetics</i> , 2005, 36, 502-506.	1.7	7
77	Validation of Predicted Virulence Factors in <i>Listeria monocytogenes</i> Identified Using Comparative Genomics. <i>Toxins</i> , 2019, 11, 508.	3.4	7
78	Effects of Live Attenuated Vaccine and Wild Type Strains of <i>Edwardsiella ictaluri</i> on Phagocytosis, Bacterial Killing, and Survival of Catfish B Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2383.	4.8	7
79	Hemolysin Co-regulated Family Proteins Hcp1 and Hcp2 Contribute to <i>Edwardsiella ictaluri</i> Pathogenesis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 681609.	2.2	7
80	Draft Genome Sequences of Four Virulent <i>Aeromonas hydrophila</i> Strains from Catfish Aquaculture. <i>Genome Announcements</i> , 2016, 4, .	0.8	6
81	Draft Genome Sequence of <i>Aeromonas hydrophila</i> TN97-08. <i>Genome Announcements</i> , 2016, 4, .	0.8	6
82	Adaptive immune responses in channel catfish exposed to <i>Edwardsiella ictaluri</i> live attenuated vaccine and wild type strains through the specific gene expression profiles. <i>Developmental and Comparative Immunology</i> , 2021, 116, 103950.	2.3	5
83	Virulence and live vaccine potential of <i>Edwardsiella piscicida</i> <i>phoP</i> and <i>phoQ</i> mutants in catfish against edwardsiellosis. <i>Journal of Fish Diseases</i> , 2021, 44, 1463-1474.	1.9	5
84	Draft Genome Sequences of Three <i>Aeromonas hydrophila</i> Isolates from Catfish and Tilapia. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
85	Small molecules targeting LapB protein prevent <i>Listeria</i> attachment to catfish muscle. <i>PLoS ONE</i> , 2017, 12, e0189809.	2.5	4
86	Partial cloning of the T-cell receptor- β gene and assignment of TRA and TRB genes to the catfish linkage map. <i>Animal Genetics</i> , 2004, 35, 150-151.	1.7	3
87	Universal Stress Proteins Contribute <i>Edwardsiella ictaluri</i> Virulence in Catfish. <i>Frontiers in Microbiology</i> , 2018, 9, 2931.	3.5	3
88	Efficient Gene Deletion Method for <i>Listeria monocytogenes</i> . <i>Methods in Molecular Biology</i> , 2019, 2016, 159-170.	0.9	3
89	Adaptive Immune System in Fish. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2021, 22, .	0.9	3
90	Linkage mapping of the channel catfish proopiomelanocortin (POMC) gene. <i>Animal Genetics</i> , 2005, 36, 171-173.	1.7	2

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91	Supplemental invasion of Salmonella from the perspective of Salmonella enterica serovars Kentucky and Typhimurium. BMC Microbiology, 2017, 17, 88.	3.3	2
92	Transposon mutagenesis and identification of mutated genes in growth-delayed Edwardsiella ictaluri. BMC Microbiology, 2019, 19, 55.	3.3	2
93	An Edwardsiella piscicida esaS mutant reveals contribution to virulence and vaccine potential. Microbial Pathogenesis, 2020, 143, 104108.	2.9	2
94	Identification of Differentially Regulated <i>Edwardsiella ictaluri</i> Proteins During Catfish Serum Treatment. Journal of Aquatic Animal Health, 2018, 30, 50-56.	1.4	1
95	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
96	Construction and evaluation of an Edwardsiella ictaluri virulence protein F mutant. Fish and Shellfish Immunology, 2016, 53, 103.	3.6	0
97	Draft Genome Sequence of Fish Pathogen Aeromonas bestiarum GA97-22. Genome Announcements, 2018, 6, .	0.8	0
98	Pathological and Ultrastructural Characterization of an <i>Edwardsiella ictaluri</i> Triple <i>hemR</i> Mutant. Journal of Aquatic Animal Health, 2022, , .	1.4	0