

Benjamin H Beck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6994562/publications.pdf>

Version: 2024-02-01

90
papers

2,028
citations

236612

25
h-index

288905

40
g-index

90
all docs

90
docs citations

90
times ranked

2317
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Immunosurveillance and Therapeutic Antitumor Activity of $\hat{I}\hat{3}\hat{I}$ T Cells Demonstrated in a Mouse Model of Prostate Cancer. <i>Journal of Immunology</i> , 2008, 180, 6044-6053.	0.4	101
2	Basal polarization of the mucosal compartment in <i>Flavobacterium columnare</i> susceptible and resistant channel catfish (<i>Ictalurus punctatus</i>). <i>Molecular Immunology</i> , 2013, 56, 317-327.	1.0	100
3	Evasion of mucosal defenses during <i>Aeromonas hydrophila</i> infection of channel catfish (<i>Ictalurus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	95
4	Putative roles for a rhamnose binding lectin in <i>Flavobacterium columnare</i> pathogenesis in channel catfish <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 1008-1015.	1.6	76
5	Metastasis Suppressor KISS1 Seems to Reverse the Warburg Effect by Enhancing Mitochondrial Biogenesis. <i>Cancer Research</i> , 2014, 74, 954-963.	0.4	75
6	The KISS1 metastasis suppressor: A good night kiss for disseminated cancer cells. <i>European Journal of Cancer</i> , 2010, 46, 1283-1289.	1.3	72
7	Characterization and mucosal responses of interleukin 17 family ligand and receptor genes in channel catfish <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2014, 38, 47-55.	1.6	70
8	Adoptively transferred ex vivo expanded $\hat{I}\hat{3}\hat{I}$ -T cells mediate in vivo antitumor activity in preclinical mouse models of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2010, 122, 135-144.	1.1	64
9	Physiology and immunology of mucosal barriers in catfish (<i> <i>Ictalurus</i> spp.</i>). <i>Tissue Barriers</i> , 2015, 3, e1068907.	1.6	62
10	KISS1 over-expression suppresses metastasis of pancreatic adenocarcinoma in a xenograft mouse model. <i>Clinical and Experimental Metastasis</i> , 2010, 27, 591-600.	1.7	60
11	Chronic exogenous kisspeptin administration accelerates gonadal development in basses of the genus <i>Morone</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 162, 265-273.	0.8	50
12	Antimicrobial activity of chitosan and a chitosan oligomer against bacterial pathogens of warmwater fish. <i>Journal of Applied Microbiology</i> , 2017, 122, 1570-1578.	1.4	50
13	Short-Term Feed Deprivation Alters Immune Status of Surface Mucosa in Channel Catfish (<i>Ictalurus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.1	45
14	Mechanisms of pathogen virulence and host susceptibility in virulent <i>Aeromonas hydrophila</i> infections of channel catfish (<i>Ictalurus punctatus</i>). <i>Aquaculture</i> , 2018, 482, 1-8.	1.7	45
15	Early mucosal responses in blue catfish (<i>Ictalurus furcatus</i>) skin to <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2013, 34, 920-928.	1.6	41
16	Additive genetic variation in resistance of Nile tilapia (<i>Oreochromis niloticus</i>) to <i>Streptococcus iniae</i> and <i>S. agalactiae</i> capsular type Ib: Is genetic resistance correlated?. <i>Aquaculture</i> , 2017, 468, 193-198.	1.7	41
17	More than just antibodies: Protective mechanisms of a mucosal vaccine against fish pathogen <i>Flavobacterium columnare</i> . <i>Fish and Shellfish Immunology</i> , 2017, 71, 160-170.	1.6	39
18	l-Rhamnose-binding lectins (RBLs) in channel catfish, <i>Ictalurus punctatus</i> : Characterization and expression profiling in mucosal tissues. <i>Developmental and Comparative Immunology</i> , 2014, 44, 320-331.	1.0	37

#	ARTICLE	IF	CITATIONS
19	Impact of feed additives on surface mucosal health and columnaris susceptibility in channel catfish fingerlings, <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2015, 46, 624-637.	1.6	37
20	Nutritional value of frass from black soldier fly larvae, <i>Hermetia illucens</i> , in a channel catfish, <i>Ictalurus punctatus</i> , diet. <i>Aquaculture Nutrition</i> , 2020, 26, 812-819.	1.1	32
21	Homotypic Gap Junctional Communication Associated with Metastasis Suppression Increases with PKA Activity and Is Unaffected by PI3K Inhibition. <i>Cancer Research</i> , 2010, 70, 10002-10011.	0.4	31
22	Nutritional impacts on gene expression in the surface mucosa of blue catfish (<i>Ictalurus furcatus</i>). <i>Developmental and Comparative Immunology</i> , 2014, 44, 226-234.	1.0	31
23	SNP marker panels for parentage assignment and traceability in the Florida bass (<i>Micropterus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 547 Td	1.7	30
24	Use of dietary frass from black soldier fly larvae, <i>Hermetia illucens</i> , in hybrid tilapia (<i>Nile x</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td bacterial diseases. <i>Aquaculture Reports</i> , 2020, 17, 100373.	0.7	30
25	Discovery and validation of gene-linked diagnostic SNP markers for assessing hybridization between largemouth bass (<i>Micropterus salmoides</i>) and Florida bass (<i>Micropterus floridanus</i>). <i>Molecular Ecology Resources</i> , 2015, 15, 395-404.	2.2	29
26	A novel paper-based and pH-sensitive intelligent detector in meat and seafood packaging. <i>Talanta</i> , 2021, 224, 121913.	2.9	29
27	SNP discovery in wild and domesticated populations of blue catfish, <i>Ictalurus furcatus</i> , using genotyping-by-sequencing and subsequent SNP validation. <i>Molecular Ecology Resources</i> , 2014, 14, 1261-1270.	2.2	28
28	Acute toxicity and histopathology of channel catfish fry exposed to peracetic acid. <i>Aquaculture</i> , 2012, 342-343, 134-138.	1.7	25
29	Expression of immune genes in systemic and mucosal immune tissues of channel catfish vaccinated with live theronts of <i>Ichthyophthirius multifiliis</i> . <i>Fish and Shellfish Immunology</i> , 2017, 66, 540-547.	1.6	25
30	Effects of Live-Well Conditions on Mortality and Largemouth Bass Virus Prevalence in Largemouth Bass Caught during Summer Tournaments. <i>North American Journal of Fisheries Management</i> , 2006, 26, 812-825.	0.5	22
31	A comparison of high- and low-virulence <i>Flavobacterium columnare</i> strains reveals differences in iron acquisition components and responses to iron restriction. <i>Journal of Fish Diseases</i> , 2016, 39, 259-268.	0.9	22
32	Sickeningly Sweet: L-rhamnose stimulates <i>Flavobacterium columnare</i> biofilm formation and virulence. <i>Journal of Fish Diseases</i> , 2017, 40, 1613-1624.	0.9	21
33	Antimicrobial activity of the biopolymer chitosan against <i>Streptococcus iniae</i> . <i>Journal of Fish Diseases</i> , 2019, 42, 371-377.	0.9	20
34	Immune response of channel catfish (<i>Ictalurus punctatus</i>) against <i>Ichthyophthirius multifiliis</i> post vaccination using DNA vaccines encoding immobilization antigens. <i>Fish and Shellfish Immunology</i> , 2019, 94, 308-317.	1.6	19
35	Expression of metastasis suppressor BRMS1 in breast cancer cells results in a marked delay in cellular adhesion to matrix. <i>Molecular Carcinogenesis</i> , 2014, 53, 1011-1026.	1.3	17
36	Kaolinitic clay protects against <i>Flavobacterium columnare</i> infection in channel catfish <i>Ictalurus punctatus</i> (Rafinesque). <i>Journal of Fish Diseases</i> , 2015, 38, 241-248.	0.9	17

#	ARTICLE	IF	CITATIONS
37	Dynamics of Circulating $\hat{3}\hat{1}$ T Cell Activity in an Immunocompetent Mouse Model of High-Grade Glioma. PLoS ONE, 2015, 10, e0122387.	1.1	17
38	Evaluation of Cell Culture Methods for Detection of Largemouth Bass Virus. Journal of Aquatic Animal Health, 2005, 17, 365-372.	0.6	15
39	New frontiers in mucosal health in aquaculture. , 2015, , 371-377.		15
40	Immersion vaccination with an inactivated virulent <i>Aeromonas hydrophila</i> bacterin protects hybrid catfish (<i>Ictalurus punctatus</i> X <i>Ictalurus furcatus</i>) from motile <i>Aeromonas</i> septicemia. Fish and Shellfish Immunology, 2018, 82, 239-242.	1.6	15
41	The severity of motile <i>Aeromonas</i> septicemia caused by virulent <i>Aeromonas hydrophila</i> in channel catfish is influenced by nutrients and microbes in water. Aquaculture, 2020, 519, 734898.	1.7	15
42	Effectiveness of copper sulphate, potassium permanganate and peracetic acid to reduce mortality and infestation of <i>Ichthyobodo necator</i> in channel catfish <i>Ictalurus punctatus</i> (Rafinesque) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50		
43	Water hardness influences <i>Flavobacterium columnare</i> pathogenesis in channel catfish. Aquaculture, 2015, 435, 252-256.	1.7	14
44	Use of Copper Sulfate to Control Egg Saprolegniasis at a Commercial Sunshine Bass Hatchery. North American Journal of Aquaculture, 2016, 78, 243-250.	0.7	14
45	Differential production and secretion of potentially toxigenic extracellular proteins from hypervirulent <i>Aeromonas hydrophila</i> under biofilm and planktonic culture. BMC Microbiology, 2021, 21, 8.	1.3	14
46	Transcriptome annotation and marker discovery in white bass (<i>Morone chrysops</i>) and striped bass (<i>Morone saxatilis</i>). Animal Genetics, 2014, 45, 885-887.	0.6	13
47	Hypoxia affects performance traits and body composition of juvenile hybrid striped bass (<i>Morone</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 13	0.9	13
48	Virus Distribution and Signs of Disease after Immersion Exposure to Largemouth Bass Virus. Journal of Aquatic Animal Health, 2006, 18, 176-183.	0.6	12
49	Ubiquitous <i>Brms1</i> expression is critical for mammary carcinoma metastasis suppression via promotion of apoptosis. Clinical and Experimental Metastasis, 2012, 29, 315-325.	1.7	12
50	Why mucosal health?. , 2015, , 1-2.		12
51	Influence of native catfish mucus on <i>Flavobacterium columnare</i> growth and proteolytic activity. Journal of Fish Diseases, 2018, 41, 1395-1402.	0.9	12
52	The <i>gfc</i> operon is involved in the formation of the O antigen capsule in <i>Aeromonas hydrophila</i> and contributes to virulence in channel catfish. Aquaculture, 2019, 512, 734334.	1.7	12
53	<i>SNP</i> panel development for genetic management of wild and domesticated white bass (<i>Morone chrysops</i>). Animal Genetics, 2019, 50, 92-96.	0.6	12
54	Pre-osteoblastic MC3T3-E1 cells promote breast cancer growth in bone in a murine xenograft model. Chinese Journal of Cancer, 2011, 30, 189-196.	4.9	12

#	ARTICLE	IF	CITATIONS
55	Pretreating Channel Catfish with Copper Sulfate Affects Susceptibility to Columnaris Disease. North American Journal of Aquaculture, 2013, 75, 205-211.	0.7	11
56	Effect of Contrasting Agents on Survival, Performance, and Condition of Larval Hybrid Striped Bass (<i>Morone chrysops</i> x <i>M. saxatilis</i>) in Tanks. Journal of Applied Aquaculture, 2015, 27, 1-28.	0.7	10
57	Dietary copper effects survival of channel catfish challenged with <i>Flavobacterium columnare</i> . Aquaculture Research, 2017, 48, 1751-1758.	0.9	10
58	Lysine optimization of a commercial fishmeal-free diet for hybrid striped bass (<i>Morone chrysops</i> – <i>M.</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	9
59	Missing the target: DNAk is a dominant epitope in the humoral immune response of channel catfish (<i>Ictalurus punctatus</i>) to <i>Flavobacterium columnare</i> . Fish and Shellfish Immunology, 2016, 51, 170-179.	1.6	9
60	Hepatic transcriptomic and metabolic responses of hybrid striped bass (<i>Morone saxatilis</i> – <i>Morone</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Genomics and Proteomics, 2016, 18, 1-9.	0.4	9
61	Chitin degradation and utilization by virulent <i>Aeromonas hydrophila</i> strain ML10-51K. Archives of Microbiology, 2017, 199, 573-579.	1.0	9
62	Evidence that the stress hormone cortisol regulates biofilm formation differently among <i>Flavobacterium columnare</i> isolates. Veterinary Research, 2019, 50, 24.	1.1	9
63	Subsets of ATP-sensitive potassium channel (K_{ATP}) inhibitors increase gap junctional intercellular communication in metastatic cancer cell lines independent of SUR expression. FEBS Letters, 2012, 586, 27-31.	1.3	8
64	Analysis of agglutinants elicited by antiserum of channel catfish immunized with extracellular proteins of virulent <i>Aeromonas hydrophila</i> . Fish and Shellfish Immunology, 2019, 86, 223-229.	1.6	8
65	Response of channel–blue hybrid catfish to chronic diurnal hypoxia. Aquaculture, 2012, 350-353, 183-191.	1.7	7
66	Comparative Effects of Copper Sulfate or Potassium Permanganate on Channel Catfish Concurrently Infected with <i>Flavobacterium columnare</i> and <i>Ichthyobodo necator</i> . Journal of Applied Aquaculture, 2014, 26, 71-83.	0.7	7
67	White bass <i>Morone chrysops</i> is less susceptible than its hybrid to experimental infection with <i>Flavobacterium columnare</i> . Diseases of Aquatic Organisms, 2014, 109, 15-22.	0.5	7
68	Lysine supplementation of commercial fishmeal-free diet in hybrid striped bass (<i>Morone chrysops</i> x <i>M. saxatilis</i>) affects expression of growth-related genes. Aquaculture Nutrition, 2016, 22, 738-744.	1.1	6
69	Impact of oral and waterborne administration of rhamnolipids on the susceptibility of channel catfish (<i>Ictalurus punctatus</i>) to <i>Flavobacterium columnare</i> infection. Fish and Shellfish Immunology, 2017, 60, 44-49.	1.6	6
70	l-rhamnose-binding lectins (RBLs) in Nile tilapia, <i>Oreochromis niloticus</i> : Characterization and expression profiling in mucosal tissues. Fish and Shellfish Immunology, 2018, 72, 426-435.	1.6	6
71	Growth, nutrient retention, innate immune response, and intestinal morphology of juvenile, soy-naïve hybrid striped bass, <i>Morone saxatilis</i> x <i>M. chrysops</i> fed commercial-type, soy-based, ideal protein, fish meal replacement diets. Aquaculture, 2020, 522, 735150.	1.7	6
72	Use of an immersion adjuvant with a <i>Flavobacterium columnare</i> recombinant protein vaccine in channel catfish. Fish and Shellfish Immunology, 2021, 117, 136-139.	1.6	6

#	ARTICLE	IF	CITATIONS
73	The Impact of Mitochondrial and Thermal Stress on the Bioenergetics and Reserve Respiratory Capacity of Fish Cell Lines. <i>Journal of Aquatic Animal Health</i> , 2012, 24, 244-250.	0.6	5
74	Effectiveness of Copper Sulfate and Potassium Permanganate on Channel Catfish Infected with <i>Flavobacterium columnare</i> . <i>North American Journal of Aquaculture</i> , 2012, 74, 320-329.	0.7	5
75	Heritability of growth traits and correlation with hepatic gene expression among hybrid striped bass exhibiting extremes in performance. <i>Cogent Biology</i> , 2018, 4, 1453319.	1.7	5
76	Evaluation of Stocking Density and Dietary Fish Meal Inclusion for Intensive Tank Production of Pacific White Shrimp (<i>Litopenaeus vannamei</i>) Cultured in Low Salinity Waters of Western Alabama. <i>North American Journal of Aquaculture</i> , 2020, 82, 345-353.	0.7	5
77	Draft Genome Sequence of <i>Pseudomonas mosselii</i> Gil3, Isolated from Catfish and Antagonistic against Hypervirulent <i>Aeromonas hydrophila</i> . <i>Genome Announcements</i> , 2016, 4, .	0.8	4
78	White Bass (<i>Morone chrysops</i>) Preferentially Retain ω -3 PUFA in Ova When Fed Prepared Diets with Varying FA Content. <i>Lipids</i> , 2017, 52, 823-836.	0.7	4
79	Influence of Kaolin Clay on <i>Aeromonas hydrophila</i> Growth, Chemotaxis, and Virulence to Channel Catfish. <i>North American Journal of Aquaculture</i> , 2018, 80, 427-435.	0.7	4
80	Examining the interplay between <i>Streptococcus agalactiae</i> , the biopolymer chitin and its derivative. <i>MicrobiologyOpen</i> , 2019, 8, e00733.	1.2	4
81	On-farm evaluation of three different hatchery sources of Pacific white shrimp (<i>Litopenaeus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10. <i>Aquaculture</i> , 2020, 32, 193-204.	0.7	4
82	Bioeconomic Analysis of <i>Flavobacterium columnare</i> Vaccine Pond Trials with Channel Catfish. <i>North American Journal of Aquaculture</i> , 2021, 83, 207-217.	0.7	4
83	The Effectiveness of Flow-Through or Static Copper Sulfate Treatments on the Survival of Golden Shiners and Fathead Minnows Infected with <i>Flavobacterium columnare</i> . <i>North American Journal of Aquaculture</i> , 2015, 77, 90-95.	0.7	2
84	Proteome analysis of virulent <i>Aeromonas hydrophila</i> reveals the upregulation of iron acquisition systems in the presence of a xenosiderophore. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	2
85	Toxicity of recombinant PirA and PirB derived from <i>Vibrio parahaemolyticus</i> in shrimp. <i>Microbial Pathogenesis</i> , 2021, 155, 104886.	1.3	2
86	The effects of dietary inclusion of a <i>Saccharomyces cerevisiae</i> fermentation product in a commercial catfish ration on growth, immune readiness, and columnaris disease susceptibility. <i>Journal of Applied Aquaculture</i> , 2019, 31, 193-209.	0.7	1
87	Differential susceptibility of white bass (<i>Morone chrysops</i>), striped bass (<i>Morone saxatilis</i>) and hybrid striped bass (<i>M. chrysops</i> × <i>M. saxatilis</i>) to <i>Flavobacterium columnare</i> and effects of mucus on bacterial growth and biofilm development. <i>Journal of Fish Diseases</i> , 2021, 44, 161-169.	0.9	1
88	The effect of piscidin antimicrobial peptides on the formation of Gram-negative bacterial biofilms. <i>Journal of Fish Diseases</i> , 2022, 45, 99-105.	0.9	1
89	Draft Genome Sequences of <i>Flavobacterium covae</i> Strains LSU-066-04 and LV-359-01. <i>Microbiology Resource Announcements</i> , 2022, 11, .	0.3	1
90	Identification and Characterization of Differentially Expressed IgM Transcripts of Channel Catfish Vaccinated with Antigens of Virulent <i>Aeromonas hydrophila</i> . <i>Fishes</i> , 2022, 7, 24.	0.7	0