

# Michael L Kent

## List of Publications by Year in descending order

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106  
papers

4,237  
citations

117625

34  
h-index

128289

60  
g-index

111  
all docs

111  
docs citations

111  
times ranked

2866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Our Knowledge of the Myxozoa. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 395-413.	1.7	524
2	Whole-body cortisol response of zebrafish to acute net handling stress. <i>Aquaculture</i> , 2009, 297, 157-162.	3.5	199
3	Chemical and biological evidence links microcystins to salmon "netpen liver disease"™. <i>Toxicon</i> , 1993, 31, 1315-1323.	1.6	177
4	Nonlesions, Misdiagnoses, Missed Diagnoses, and Other Interpretive Challenges in Fish Histopathology Studies. <i>Toxicologic Pathology</i> , 2015, 43, 297-325.	1.8	153
5	<i>H. pylori</i> virulence factor CagA increases intestinal cell proliferation by Wnt pathway activation in a transgenic zebrafish model. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 802-10.	2.4	95
6	Edwardsiellosis Caused by <i>Edwardsiella ictaluri</i> in Laboratory Populations of Zebrafish <i>Danio rerio</i> . <i>Journal of Aquatic Animal Health</i> , 2013, 25, 171-183.	1.4	92
7	TETRACAPSULA RENICOLAN. SP. (MYXOZOA:SACCOSPORIDAE); THE PKX MYXOZOAN—THE CAUSE OF PROLIFERATIVE KIDNEY DISEASE OF SALMONID FISHES. <i>Journal of Parasitology</i> , 2000, 86, 103-111.	0.7	90
8	<i>Pseudoloma neurophilia</i> infections in zebrafish <i>Danio rerio</i> : effects of stress on survival, growth, and reproduction. <i>Diseases of Aquatic Organisms</i> , 2009, 88, 69-84.	1.0	90
9	Documented and Potential Research Impacts of Subclinical Diseases in Zebrafish. <i>ILAR Journal</i> , 2012, 53, 126-134.	1.8	86
10	<i>Pseudoloma neurophilia</i> n. g., n. sp., a New Microsporidium from the Central Nervous System of the Zebrafish ( <i>Danio rerio</i> ). <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 227-233.	1.7	84
11	Molecular systematics support the revival of <i>Mycobacterium salmoniphilum</i> (ex Ross 1960) sp. nov., nom. rev., a species closely related to <i>Mycobacterium chelonae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2525-2531.	1.7	83
12	Mycobacteriosis in zebrafish ( <i>Danio rerio</i> ) research facilities. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 138, 383-390.	2.6	81
13	<i>Mycobacterium haemophilum</i> infections of zebrafish ( <i>Danio rerio</i> ) in research facilities. <i>FEMS Microbiology Letters</i> , 2007, 270, 21-26.	1.8	80
14	Recommendations for control of pathogens and infectious diseases in fish research facilities. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 240-248.	2.6	77
15	Spores of two fish microsporidia ( <i>Pseudoloma neurophilia</i> and <i>Glugea anomala</i> ) are highly resistant to chlorine. <i>Diseases of Aquatic Organisms</i> , 2007, 76, 205-214.	1.0	74
16	Development and maintenance of a specific pathogen-free (SPF) zebrafish research facility for <i>Pseudoloma neurophilia</i> . <i>Diseases of Aquatic Organisms</i> , 2011, 95, 73-79.	1.0	70
17	A longitudinal assessment of host-microbe-parasite interactions resolves the zebrafish gut microbiome's link to <i>Pseudocapillaria tomentosa</i> infection and pathology. <i>Microbiome</i> , 2019, 7, 10.	11.1	70
18	<i>Pseudocapillaria tomentosa</i> , a nematode pathogen, and associated neoplasms of zebrafish ( <i>Danio</i> )	1.0	65

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19	Distribution and genetic characterization of <i>Mycobacterium chelonae</i> in laboratory zebrafish <i>Danio rerio</i> . <i>Diseases of Aquatic Organisms</i> , 2008, 82, 45-54.	1.0	59
20	Microsporidiosis in Zebrafish Research Facilities. <i>ILAR Journal</i> , 2012, 53, 106-113.	1.8	57
21	<i>Pleistophora hyphessobryconis</i> (Microsporidia) infecting zebrafish <i>Danio rerio</i> in research facilities. <i>Diseases of Aquatic Organisms</i> , 2010, 91, 47-56.	1.0	56
22	Luna stain, an improved selective stain for detection of microsporidian spores in histologic sections. <i>Diseases of Aquatic Organisms</i> , 2011, 95, 175-180.	1.0	55
23	Histopathological assessment of liver and gonad pathology in continental slope fish from the northeast Atlantic Ocean. <i>Marine Environmental Research</i> , 2015, 106, 42-50.	2.5	55
24	Identification of B Cells as a Major Site for Cyprinid Herpesvirus 3 Latency. <i>Journal of Virology</i> , 2014, 88, 9297-9309.	3.4	53
25	Verification of Intraovum Transmission of a Microsporidium of Vertebrates: <i>Pseudoloma neurophilia</i> Infecting the Zebrafish, <i>Danio rerio</i> . <i>PLoS ONE</i> , 2013, 8, e76064.	2.5	52
26	The common neural parasite <i>Pseudoloma neurophilia</i> is associated with altered startle response habituation in adult zebrafish ( <i>Danio rerio</i> ): Implications for the zebrafish as a model organism. <i>Behavioural Brain Research</i> , 2015, 291, 351-360.	2.2	50
27	Review of the sequential development of <i>Loma salmonae</i> (Microsporidia) based on experimental infections of rainbow trout ( <i>Oncorhynchus mykiss</i> ) and Chinook salmon ( <i>O. tshawytscha</i> ). <i>Folia Parasitologica</i> , 2005, 52, 63-68.	1.3	50
28	Transmission and tissue distribution of <i>Pseudoloma neurophilia</i> (Microsporidia) of zebrafish, <i>Danio rerio</i> (Hamilton). <i>Journal of Fish Diseases</i> , 2003, 26, 423-426.	1.9	49
29	<i>Paramecium caudatum</i> enhances transmission and infectivity of <i>Mycobacterium marinum</i> and <i>M. chelonae</i> in zebrafish <i>Danio rerio</i> . <i>Diseases of Aquatic Organisms</i> , 2013, 106, 229-239.	1.0	46
30	Development of a sensitive assay for the detection of <i>Pseudoloma neurophilia</i> in laboratory Ápopulations of the zebrafish <i>Danio rerio</i> . <i>Diseases of Aquatic Organisms</i> , 2011, 96, 145-156.	1.0	42
31	Strategies to Mitigate a <i>Mycobacterium marinum</i> Outbreak in a Zebrafish Research Facility. <i>Zebrafish</i> , 2016, 13, S-77-S-87.	1.1	42
32	Biochemical, molecular, and virulence characteristics of select <i>Mycobacterium marinum</i> isolates in hybrid striped bass <i>Morone chrysops</i> Á <i>M. saxatilis</i> and zebrafish <i>Danio rerio</i> . <i>Diseases of Aquatic Organisms</i> , 2008, 79, 107-118.	1.0	41
33	<i>Parvicapsula minibicornis</i> n. sp. (Myxozoa, Myxosporea) from the Kidney of Sockeye Salmon ( <i>Oncorhynchus nerka</i> ) from British Columbia, Canada. <i>Journal of Parasitology</i> , 1997, 83, 1153.	0.7	38
34	Tolerance and Efficacy of Emamectin Benzoate and Ivermectin for the Treatment of <i>Pseudocapillaria tomentosa</i> in Laboratory Zebrafish ( <i>Danio rerio</i> ). <i>Zebrafish</i> , 2014, 11, 490-497.	1.1	38
35	Biosecurity and Health Monitoring at the Zebrafish International Resource Center. <i>Zebrafish</i> , 2016, 13, S-30-S-38.	1.1	37
36	Innate and adaptive immune responses in migrating spring-run adult chinook salmon, <i>Oncorhynchus tshawytscha</i> . <i>Fish and Shellfish Immunology</i> , 2016, 48, 136-144.	3.6	36

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37	Mortality of coho salmon ( <i>Oncorhynchus kisutch</i> ) associated with burdens of multiple parasite species. <i>International Journal for Parasitology</i> , 2011, 41, 1197-1205.	3.1	35
38	Review of diseases and health management in zebrafish <i>Danio rerio</i> (Hamilton 1822) in research facilities. <i>Journal of Fish Diseases</i> , 2020, 43, 637-650.	1.9	35
39	Survival and behavior of juvenile steelhead trout ( <i>Oncorhynchus mykiss</i> ) in two estuaries in Oregon, USA. <i>Environmental Biology of Fishes</i> , 2013, 96, 849-863.	1.0	32
40	Toxicity of chlorine to zebrafish embryos. <i>Diseases of Aquatic Organisms</i> , 2014, 107, 235-240.	1.0	31
41	<i>Tetracapsula renicola</i> n. sp. (Myxozoa:Saccosporidae); The PKX Myxozoan: The Cause of Proliferative Kidney Disease of Salmonid Fishes. <i>Journal of Parasitology</i> , 2000, 86, 103.	0.7	30
42	The challenges of implementing pathogen control strategies for fishes used in biomedical research. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 155, 160-166.	2.6	30
43	A Retrospective Study of the Prevalence and Classification of Intestinal Neoplasia in Zebrafish ( <i>Danio Rerio</i> ). <i>Zebrafish</i> , 2013, 10, 228-236.	1.1	29
44	Sensitivity and specificity of histology for diagnoses of four common pathogens and detection of nontarget pathogens in adult Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) in fresh water. <i>Journal of Veterinary Diagnostic Investigation</i> , 2013, 25, 341-351.	1.1	29
45	<i>Pseudoloma neurophilia</i> : A Retrospective and Descriptive Study of Nervous System and Muscle Infections, with New Implications for Pathogenesis and Behavioral Phenotypes. <i>Zebrafish</i> , 2015, 12, 189-201.	1.1	29
46	The common neural parasite <i>Pseudoloma neurophilia</i> causes altered shoaling behaviour in adult laboratory zebrafish ( <i>Danio rerio</i> ) and its implications for neurobehavioural research. <i>Journal of Fish Diseases</i> , 2017, 40, 443-446.	1.9	29
47	Comparison of Small Subunit Ribosomal RNA Gene and Internal Transcribed Spacer Sequences Among Isolates of the Intranuclear Microsporidian <i>Nucleospora salmonis</i> . <i>Journal of Eukaryotic Microbiology</i> , 2000, 47, 379-387.	1.7	28
48	An Intranuclear Microsporidium Associated with Acute Anemia in the Chinook Salmon, <i>Oncorhynchus tshawytscha</i> . <i>Journal of Protozoology</i> , 1987, 34, 274-277.	0.8	27
49	Genome Analysis of <i>Pseudoloma neurophilia</i> : A Microsporidian Parasite of Zebrafish ( <i>Danio</i> ) Tj ETQq1 1 0,784314 rgBT /Over	1.7	27
50	Ribosomal DNA sequences indicate isolated populations of <i>Ichthyophonus hoferi</i> in geographic sympatry in the north-eastern Pacific Ocean. <i>Journal of Fish Diseases</i> , 2002, 25, 575-582.	1.9	26
51	Cool, Pathogen-Free Refuge Lowers Pathogen-Associated Prespawn Mortality of Willamette River Chinook Salmon. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 1159-1172.	1.4	26
52	Reproductive Abnormalities in Trout from Western U.S. National Parks. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 522-531.	1.4	25
53	Persistence of Infection by Metacercariae of <i>Apophallus</i> sp., <i>Neascus</i> sp., and <i>Nanophyetus salmincola</i> Plus Two Myxozoans ( <i>Myxobolus insidiosus</i> and <i>Myxobolus fryeri</i> ) in Coho Salmon <i>Oncorhynchus kisutch</i> . <i>Journal of Parasitology</i> , 2010, 96, 340-347.	0.7	25
54	The Response to Forced Decompression in Six Species of Pacific Rockfish. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 374-383.	1.4	25

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55	Polymerase chain reaction detection of <i>Pseudoloma neurophilia</i> , a common microsporidian of zebrafish ( <i>Danio rerio</i> ) reared in research laboratories. <i>Journal of the American Association for Laboratory Animal Science</i> , 2006, 45, 36-9.	1.2	25
56	The Differential Response to Decompression in Three Species of Nearshore Pacific Rockfish. <i>North American Journal of Fisheries Management</i> , 2009, 29, 1479-1486.	1.0	24
57	Transmission of a common intestinal neoplasm in zebrafish by cohabitation. <i>Journal of Fish Diseases</i> , 2018, 41, 569-579.	1.9	24
58	Recovery potential of black rockfish, <i>Sebastes melanops</i> Girard, recompressed following barotrauma. <i>Journal of Fish Diseases</i> , 2012, 35, 275-286.	1.9	23
59	Chronic <i>Mycobacterium marinum</i> infection acts as a tumor promoter in Japanese Medaka ( <i>Oryzias latipes</i> ). <i>Journal of Fish Diseases</i> , 2017, 40, 152-160.	2.6	22
60	Patterns of fish deformities and their association with trematode cysts in the Willamette River, Oregon. <i>Environmental Biology of Fishes</i> , 2005, 73, 9-19.	1.0	21
61	In vivo and in vitro growth of <i>Mycobacterium marinum</i> at homeothermic temperatures. <i>FEMS Microbiology Letters</i> , 2006, 257, 69-75.	1.8	21
62	The zebrafish, <i>Danio rerio</i> , as a model for <i>Toxoplasma gondii</i> : an initial description of infection in fish. <i>Journal of Fish Diseases</i> , 2015, 38, 675-679.	1.9	21
63	Habitat Selection Influences Sex Distribution, Morphology, Tissue Biochemistry, and Parasite Load of Juvenile Coho Salmon in the West Fork Smith River, Oregon. <i>Transactions of the American Fisheries Society</i> , 2008, 137, 1571-1590.	1.4	20
64	Occupancy Modeling for Improved Accuracy and Understanding of Pathogen Prevalence and Dynamics. <i>PLoS ONE</i> , 2015, 10, e0116605.	2.5	20
65	A method for collecting eggs of <i>Pseudocapillaria tomentosa</i> (Nematoda: Capillariidae) from zebrafish <i>Danio rerio</i> and efficacy of heat and chlorine for killing the nematode's eggs. <i>Journal of Fish Diseases</i> , 2017, 40, 169-182.	1.9	19
66	Ichthyophonous and <i>Mycobacterium</i> -like bacterial infections in commercially-important rockfish, <i>Sebastes</i> spp., in the eastern North Pacific Ocean. <i>Journal of Fish Diseases</i> , 2001, 24, 427-431.	1.9	18
67	Immunohistochemical characterization of intestinal neoplasia in zebrafish <i>Danio rerio</i> indicates epithelial origin. <i>Diseases of Aquatic Organisms</i> , 2015, 116, 191-197.	1.0	18
68	Iodophor treatment is not completely efficacious in preventing <i>Loma salmonae</i> (Microsporidia) transmission in experimentally challenged chinook salmon, <i>Oncorhynchus tshawytscha</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2002, 22, 311-313.	1.9	17
69	Retrospective study of the prevalence of <i>Pseudoloma neurophilia</i> shows male sex bias in zebrafish <i>Danio rerio</i> (Hamilton & Buchanan). <i>Journal of Fish Diseases</i> , 2016, 39, 367-370.	1.9	17
70	Swimming Endurance in Juvenile Chinook Salmon Infected with <i>Salmincola californiensis</i> . <i>Journal of Aquatic Animal Health</i> , 2018, 30, 81-89.	1.4	17
71	Survey of Parasites In Threatened Stocks of Coho Salmon ( <i>Oncorhynchus kisutch</i> ) In Oregon By Examination of Wet Tissues and Histology. <i>Journal of Parasitology</i> , 2011, 97, 1085-1098.	0.7	16
72	Impacts of multispecies parasitism on juvenile coho salmon ( <i>Oncorhynchus kisutch</i> ) in Oregon. <i>Aquaculture</i> , 2012, 362-363, 184-192.	3.5	16

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73	Expansion of the Known Host Range of the Microsporidium, <i>Pseudoloma neurophilia</i> . Zebrafish, 2016, 13, S-102-S-106.	1.1	16
74	Nanophyetus salmincola, vector of the salmon poisoning disease agent Neorickettsia helminthoeca, harbors a second pathogenic Neorickettsia species. Veterinary Parasitology, 2016, 229, 107-109.	1.8	14
75	A Hidden Process Model for Estimating Prespawn Mortality Using Carcass Survey Data. North American Journal of Fisheries Management, 2017, 37, 162-175.	1.0	13
76	Detection of the parasitic nematode, <i>Pseudocapillaria tomentosa</i> , in zebrafish tissues and environmental DNA in research aquaria. Journal of Fish Diseases, 2020, 43, 1087-1095.	1.9	13
77	Unravelling the diversity of the Crassiphialinae (Digenea: Diplostomidae) with molecular phylogeny and descriptions of five new species. Current Research in Parasitology and Vector-borne Diseases, 2021, 1, 100051.	1.9	13
78	Introduction: Use of Zebrafish in Research and Importance of Health and Husbandry. ILAR Journal, 2012, 53, 89-94.	1.8	12
79	Laboratory infection rates and associated mortality of juvenile Chinook Salmon ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl... 2021, 44, 1423-1434.	1.9	12
80	<i>Pseudocapillaria tomentosa</i> , <i>Mycoplasma</i> spp., and Intestinal Lesions in Experimentally Infected Zebrafish <i>Danio rerio</i> . Zebrafish, 2021, 18, 207-220.	1.1	12
81	Survival of Bacterial and Parasitic Pathogens from Zebrafish ( <i>Danio rerio</i> ) After Cryopreservation and Thawing. Zebrafish, 2018, 15, 188-201.	1.1	11
82	Harnessing the gut microbiome in the fight against anthelmintic drug resistance. Current Opinion in Microbiology, 2020, 53, 26-34.	5.1	11
83	Two Myxozoans from the Urinary Tract of Topsmelt, <i>Atherinops affinis</i> . Journal of Parasitology, 2015, 101, 577-586.	0.7	10
84	Histopathology and external examination of heavily parasitized Lost River Sucker <i>Deltistes luxatus</i> (Cope 1879) and Shortnose Sucker <i>Chasmistes brevirostris</i> (Cope 1879) from Upper Klamath Lake, Oregon. Journal of Fish Diseases, 2018, 41, 1675-1687.	1.9	10
85	Effects of Feeding Rate, Seawater Entry, and Exposure to Natural Biota on the Severity of Net-Pen Liver Disease among Pen-Reared Atlantic Salmon. Progressive Fish-Culturist, 1996, 58, 43-46.	0.6	9
86	Post-mortem Sporulation of <i>Ceratomyxa shasta</i> (Myxozoa) After Death in Adult Chinook Salmon. Journal of Parasitology, 2014, 100, 679-683.	0.7	9
87	Important Parasites of Zebrafish in Research Facilities. , 2020, , 479-494.		9
88	Development of Quantitative Real-Time PCR Assays for Postmortem Detection of spp. Common in Zebrafish () Research Colonies. Journal of the American Association for Laboratory Animal Science, 2017, 56, 131-141.	1.2	9
89	Effects of Subclinical <i>Mycobacterium chelonae</i> Infections on Fecundity and Embryo Survival in Zebrafish. Zebrafish, 2016, 13, S-88-S-95.	1.1	8
90	Identifying optimal hauling densities for adult Chinook salmon trap and haul operations. River Research and Applications, 2018, 34, 1158-1167.	1.7	8

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91	Viability of <i>Pseudocapillaria tomentosa</i> Eggs Exposed to Heat, Ultraviolet Light, Chlorine, Iodine, and Desiccation. <i>Zebrafish</i> , 2019, 16, 460-468.	1.1	8
92	Specific Pathogen Free “ A review of strategies in agriculture, aquaculture, and laboratory mammals and how they inform new recommendations for laboratory zebrafish. <i>Research in Veterinary Science</i> , 2022, 142, 78-93.	1.9	8
93	Special Procedures for Zebrafish Diagnostics. , 2020, , 547-556.		7
94	Odds ratios and hurdle models: a long-term analysis of parasite infection patterns in endangered young-of-the-year suckers from Upper Klamath Lake, Oregon, USA. <i>International Journal for Parasitology</i> , 2020, 50, 315-330.	3.1	7
95	<i>Pseudocapillaria tomentosa</i> in laboratory zebrafish <i>Danio rerio</i> : patterns of infection and dose response. <i>Diseases of Aquatic Organisms</i> , 2018, 131, 121-131.	1.0	7
96	Unusual Fluorescent Granulomas and Myonecrosis in <i>Danio Rerio</i> Infected by the Microsporidian Pathogen <i>Pseudoloma Neurophilia</i> . <i>Zebrafish</i> , 2014, 11, 283-290.	1.1	6
97	Further evaluation of the efficacy of emamectin benzoate for treating <i>Pseudocapillaria tomentosa</i> (Dujardin 1843) in zebrafish <i>Danio rerio</i> (Hamilton 1822). <i>Journal of Fish Diseases</i> , 2019, 42, 1351-1357.	1.9	6
98	Bacterial and Fungal Diseases of Zebrafish. , 2020, , 495-508.		6
99	Retrospective analysis of the Zebrafish International Resource Center diagnostic data links <i>Pseudocapillaria tomentosa</i> to intestinal neoplasms in zebrafish <i>Danio rerio</i> (Hamilton) <i>Tj ETQq1 1 0.794314 rgBT /Ove</i>		
100	Expanding evaluation of ocean acidification responses in a marine gadid: elevated CO2 impacts development, but not size of larval walleye pollock. <i>Marine Biology</i> , 2021, 168, 1.	1.5	5
101	Rederivation of a mutant line ( prop 1 ) of zebrafish <i>Danio rerio</i> infected with <i>Pseudoloma neurophilia</i> using in vitro fertilization with eggs from pathogen-free wild-type (AB) females and sperm from prop 1 males. <i>Journal of Fish Diseases</i> , 2022, 45, 35-39.	1.9	3
102	Comparison of healthy blood donor Greyhounds and non-Greyhounds using a novel point-of-care viscoelastic coagulometer. <i>Journal of Veterinary Emergency and Critical Care</i> , 2021, 31, 766-772.	1.1	3
103	Intranuclear inclusions consistent with a <i>Nucleospora</i> sp. in a lymphoid lesion in a laboratory zebrafish, <i>Danio rerio</i> (Hamilton 1822). <i>Journal of Fish Diseases</i> , 2021, 44, 107-112.	1.9	2
104	Progression of infection and detection of <i>Pseudoloma neurophilia</i> in zebrafish <i>Danio rerio</i> Hamilton by PCR and histology. <i>Journal of Fish Diseases</i> , 2022, 45, 1463-1475.	1.9	2
105	Draft Genome Sequence of <i>Pseudomonas</i> sp. Strain DrBH11 (Phylum <i>Proteobacteria</i> ). <i>Genome Announcements</i> , 2017, 5, .	0.8	1
106	Recent Advances with Fish Microsporidia. <i>Experientia Supplementum</i> (2012), 2022, 114, 285-317.	0.9	0