

Kurt Buchmann

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255
papers

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45
h-index

71
g-index

264
ext. papers

8,004
ext. citations

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L-index

#	Paper	IF	Citations
255	Teleost skin, an ancient mucosal surface that elicits gut-like immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13097-102	11.5	316
254	Evolution of Innate Immunity: Clues from Invertebrates via Fish to Mammals. <i>Frontiers in Immunology</i> , 2014 , 5, 459	8.4	293
253	Interactions between monogenean parasites and their fish hosts. <i>International Journal for Parasitology</i> , 2002 , 32, 309-19	4.3	172
252	Expression of immune response genes in rainbow trout skin induced by Gyrodactylus derjavini infections. <i>Veterinary Immunology and Immunopathology</i> , 2004 , 97, 137-48	2	140
251	Health of farmed fish: its relation to fish welfare and its utility as welfare indicator. <i>Fish Physiology and Biochemistry</i> , 2012 , 38, 85-105	2.7	139
250	Cellular and humoral factors involved in the response of rainbow trout gills to Ichthyophthirius multifiliis infections: molecular and immunohistochemical studies. <i>Fish and Shellfish Immunology</i> , 2011 , 30, 859-69	4.3	138
249	Expression of pro-inflammatory cytokines in rainbow trout (<i>Oncorhynchus mykiss</i>) during an infection with Ichthyophthirius multifiliis. <i>Fish and Shellfish Immunology</i> , 2004 , 17, 75-86	4.3	136
248	The parasitic ciliate Ichthyophthirius multifiliis induces expression of immune relevant genes in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2004 , 27, 409-17	2.6	129
247	Bath vaccination of rainbow trout (<i>Oncorhynchus mykiss</i> Walbaum) against <i>Yersinia ruckeri</i> : effects of temperature on protection and gene expression. <i>Vaccine</i> , 2008 , 26, 1050-62	4.1	117
246	Development of adaptive immunity in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum) surviving an infection with <i>Yersinia ruckeri</i> . <i>Fish and Shellfish Immunology</i> , 2008 , 25, 533-41	4.3	116
245	Innate immune response in rainbow trout (<i>Oncorhynchus mykiss</i>) against primary and secondary infections with <i>Yersinia ruckeri</i> O1. <i>Developmental and Comparative Immunology</i> , 2009 , 33, 35-45	3.2	113
244	Enhanced resistance of rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), against <i>Yersinia ruckeri</i> challenge following oral administration of <i>Bacillus subtilis</i> and <i>B. licheniformis</i> (BioPlus2B). <i>Journal of Fish Diseases</i> , 2003 , 26, 495-8	2.6	104
243	Host responses against the fish parasitizing ciliate Ichthyophthirius multifiliis. <i>Veterinary Parasitology</i> , 2001 , 100, 105-16	2.8	104
242	Eastern Baltic cod in distress: biological changes and challenges for stock assessment. <i>ICES Journal of Marine Science</i> , 2015 , 72, 2180-2186	2.7	95
241	Complement expression in common carp (<i>Cyprinus carpio</i> L.) during infection with Ichthyophthirius multifiliis. <i>Developmental and Comparative Immunology</i> , 2007 , 31, 576-86	3.2	92
240	Microenvironment of Gyrodactylus derjavini on rainbow trout <i>Oncorhynchus mykiss</i> : association between mucous cell density in skin and site selection. <i>Parasitology Research</i> , 1998 , 84, 17-24	2.4	89
239	Real-time gene expression analysis in carp (<i>Cyprinus carpio</i> L.) skin: inflammatory responses caused by the ectoparasite Ichthyophthirius multifiliis. <i>Fish and Shellfish Immunology</i> , 2007 , 22, 641-50	4.3	86

238	Gyrodactylus derjavini infection elicits IL-1beta expression in rainbow trout skin. <i>Fish and Shellfish Immunology</i> , 2003 , 15, 107-15	4.3	86
237	Temperature-dependent expression of immune-relevant genes in rainbow trout following Yersinia ruckeri vaccination. <i>Diseases of Aquatic Organisms</i> , 2007 , 77, 41-52	1.7	84
236	Parasitic infections in pond-reared rainbow trout Oncorhynchus mykiss in Denmark. <i>Diseases of Aquatic Organisms</i> , 1997 , 28, 125-138	1.7	81
235	Differential immune response of rainbow trout (Oncorhynchus mykiss) at early developmental stages (larvae and fry) against the bacterial pathogen Yersinia ruckeri. <i>Developmental and Comparative Immunology</i> , 2012 , 36, 463-74	3.2	79
234	Binding and lethal effect of complement from Oncorhynchus mykiss on Gyrodactylus derjavini (Platyhelminthes: Monogenea). <i>Diseases of Aquatic Organisms</i> , 1998 , 32, 195-200	1.7	79
233	Effects of Sodium Percarbonate and Garlic Extract on Ichthyophthirius multifiliis Theronts and Tomocysts: In Vitro Experiments. <i>North American Journal of Aquaculture</i> , 2003 , 65, 21-24	1.5	77
232	PAMP induced expression of immune relevant genes in head kidney leukocytes of rainbow trout (Oncorhynchus mykiss). <i>Developmental and Comparative Immunology</i> , 2011 , 35, 476-82	3.2	76
231	Immune mechanisms in fish skin against monogeneans--a model. <i>Folia Parasitologica</i> , 1999 , 46, 1-9	1.8	74
230	Immunomodulatory effects of dietary β 1,3-glucan from Euglena gracilis in rainbow trout (Oncorhynchus mykiss) immersion vaccinated against Yersinia ruckeri. <i>Fish and Shellfish Immunology</i> , 2012 , 33, 111-20	4.3	68
229	Experimental evidence for direct in situ binding of IgM and IgT to early trophonts of Ichthyophthirius multifiliis (Fouquet) in the gills of rainbow trout, Oncorhynchus mykiss (Walbaum). <i>Journal of Fish Diseases</i> , 2011 , 34, 749-55	2.6	68
228	Gyrodactylus derjavini infections in four salmonids: comparative host susceptibility and site selection of parasites. <i>Diseases of Aquatic Organisms</i> , 1997 , 28, 201-209	1.7	68
227	Occurrence of zoonotic nematodes Pseudoterranova decipiens, Contraecaecum osculatum and Anisakis simplex in cod (Gadus morhua) from the Baltic Sea. <i>Veterinary Parasitology</i> , 2014 , 205, 581-7	2.8	67
226	Treatment of trichodiniasis in eel (Anguilla anguilla) reared in recirculation systems in Denmark: alternatives to formaldehyde. <i>Aquaculture</i> , 2000 , 186, 221-231	4.4	61
225	Effects of anisakid nematodes Anisakis simplex (s.l.), Pseudoterranova decipiens (s.l.) and Contraecaecum osculatum (s.l.) on fish and consumer health. <i>Food and Waterborne Parasitology</i> , 2016 , 4, 13-22	6	60
224	Real-time gene expression analysis in carp (Cyprinus carpio L.) skin: inflammatory responses to injury mimicking infection with ectoparasites. <i>Developmental and Comparative Immunology</i> , 2007 , 31, 244-54	3.2	57
223	Early immune responses in rainbow trout liver upon viral hemorrhagic septicemia virus (VHSV) infection. <i>PLoS ONE</i> , 2014 , 9, e111084	3.7	56
222	Temperature- and salinity-dependent development of a Nordic strain of Ichthyophthirius multifiliis from rainbow trout. <i>Journal of Applied Ichthyology</i> , 2001 , 17, 273-276	0.9	55
221	Fish immune responses against endoparasitic nematodes - experimental models. <i>Journal of Fish Diseases</i> , 2012 , 35, 623-35	2.6	54

220	Ichthyophthirius multifiliis infection induces massive up-regulation of serum amyloid A in carp (<i>Cyprinus carpio</i>). <i>Veterinary Immunology and Immunopathology</i> , 2007 , 115, 172-8	2	54
219	Association between plasma antibody response and protection in rainbow trout <i>Oncorhynchus mykiss</i> immersion vaccinated against <i>Yersinia ruckeri</i> . <i>PLoS ONE</i> , 2011 , 6, e18832	3-7	53
218	Control of <i>Ichthyophthirius multifiliis</i> using a combination of water filtration and sodium percarbonate: Dose-response studies. <i>Aquaculture</i> , 2009 , 288, 32-35	4-4	53
217	Redescription of <i>Gyrodactylus teuchis</i> Lautreite, Blanc, Thiery, Daniel & Vigneulle, 1999 (Monogenea: Gyrodactylidae); a species identified by ribosomal RNA sequence. <i>Systematic Parasitology</i> , 2001 , 48, 141-50	1	53
216	A survey of zoonotic nematodes of commercial key fish species from major European fishing grounds[Introducing the FP7 PARASITE exposure assessment study. <i>Fisheries Research</i> , 2018 , 202, 4-21	2-3	51
215	Nematode infections of maricultured and wild fishes in Danish waters: A comparative study. <i>Aquaculture</i> , 2009 , 298, 24-28	4-4	51
214	Epidermal response of rainbow trout to <i>Ichthyobodo necator</i> : immunohistochemical and gene expression studies indicate a Th1-/Th2-like switch. <i>Journal of Fish Diseases</i> , 2014 , 37, 771-83	2.6	50
213	<i>Diplostomum spathaceum</i> : effects of temperature and light on cercarial shedding and infection of rainbow trout. <i>Diseases of Aquatic Organisms</i> , 1996 , 25, 169-173	1.7	50
212	The mitochondrial genome of <i>Gyrodactylus derjavinoideis</i> (Platyhelminthes: Monogenea)--a mitogenomic approach for <i>Gyrodactylus</i> species and strain identification. <i>Gene</i> , 2008 , 417, 27-34	3.8	49
211	Inflammatory response of rainbow trout <i>Oncorhynchus mykiss</i> (Walbaum, 1792) larvae against <i>Ichthyophthirius multifiliis</i> . <i>Fish and Shellfish Immunology</i> , 2013 , 34, 521-8	4-3	46
210	Increased <i>Contracaecum osculatum</i> infection in Baltic cod (<i>Gadus morhua</i>) livers (1982-2012) associated with increasing grey seal (<i>Halichoerus gryphus</i>) populations. <i>Journal of Wildlife Diseases</i> , 2014 , 50, 537-43	1.3	44
209	Immune-relevant genes expressed in rainbow trout following immunisation with a live vaccine against <i>Ichthyophthirius multifiliis</i> . <i>Diseases of Aquatic Organisms</i> , 2008 , 80, 189-97	1.7	43
208	Rainbow trout leucocyte activity: influence on the ectoparasitic monogenean <i>Gyrodactylus derjavini</i> . <i>Diseases of Aquatic Organisms</i> , 1999 , 35, 13-22	1.7	42
207	Comparative effects of four feed types on white spot disease susceptibility and skin immune parameters in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2012 , 35, 127-35 ^{2.6}	2.6	41
206	Association between <i>Yersinia ruckeri</i> infection, cytokine expression and survival in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2011 , 30, 1257-64	4-3	40
205	Effects of formalin treatment on epithelial structure and mucous cell densities in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), skin. <i>Journal of Fish Diseases</i> , 2004 , 27, 99-104	2.6	40
204	Comparison of immobilization assays and enzyme-linked immunosorbent assays for detection of rainbow trout antibody-titres against <i>Ichthyophthirius multifiliis</i> Fouquet, 1876. <i>Journal of Fish Diseases</i> , 2001 , 24, 49-51	2.6	40
203	Partial cross protection against <i>Ichthyophthirius multifiliis</i> in <i>Gyrodactylus derjavini</i> immunized rainbow trout. <i>Journal of Helminthology</i> , 1999 , 73, 189-95	1.6	40

202	Relationship between host size of <i>Anguilla anguilla</i> and the infection level of the monogeneans <i>Pseudodactylogyros</i> spp.. <i>Journal of Fish Biology</i> , 1989 , 35, 599-601	1.9	40
201	Effects of adjuvant MontanideISA 763 A VG in rainbow trout injection vaccinated against <i>Yersinia ruckeri</i> . <i>Fish and Shellfish Immunology</i> , 2015 , 47, 797-806	4.3	39
200	Temperature-dependent protection against <i>Ichthyophthirius multifiliis</i> following immunisation of rainbow trout using live theronts. <i>Diseases of Aquatic Organisms</i> , 2006 , 72, 269-73	1.7	39
199	Insight from molecular, pathological, and immunohistochemical studies on cellular and humoral mechanisms responsible for vaccine-induced protection of rainbow trout against <i>Yersinia ruckeri</i> . <i>Vaccine Journal</i> , 2013 , 20, 1623-41		38
198	Skin expression of IL-1beta in East Atlantic salmon, <i>Salmo salar</i> L., highly susceptible to <i>Gyrodactylus salaris</i> infection is enhanced compared to a low susceptibility Baltic stock. <i>Journal of Fish Diseases</i> , 2006 , 29, 123-8	2.6	37
197	<i>Pseudorhabdosynochus</i> spp. (Monogenea: Diplectanidae) from the gills of <i>Epinephelus</i> spp. in Brazilian waters. <i>Systematic Parasitology</i> , 2000 , 45, 145-53	1	36
196	Comparative protection of two different commercial vaccines against <i>Yersinia ruckeri</i> serotype O1 and biotype 2 in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Veterinary Immunology and Immunopathology</i> , 2012 , 145, 379-85	2	35
195	Booster immersion vaccination using diluted <i>Yersinia ruckeri</i> bacterin confers protection against ERM in rainbow trout. <i>Aquaculture</i> , 2015 , 440, 1-5	4.4	34
194	Comparative evaluation of administration methods for a vaccine protecting rainbow trout against <i>Yersinia ruckeri</i> O1 biotype 2 infections. <i>Veterinary Immunology and Immunopathology</i> , 2013 , 154, 42-7	2	32
193	Characterization of a <i>Gyrodactylus salaris</i> variant: infection biology, morphology and molecular genetics. <i>Parasitology</i> , 2003 , 127, 165-77	2.7	32
192	Mebendazole treatment of pseudodactylogyrosis in an intensive eel-culture system. <i>Aquaculture</i> , 1990 , 86, 139-153	4.4	32
191	<i>Tetracapsuloides bryosalmonae</i> and PKD in juvenile wild salmonids in Denmark. <i>Diseases of Aquatic Organisms</i> , 2012 , 101, 33-42	1.7	31
190	<i>Contraecaecum osculatum</i> and other anisakid nematodes in grey seals and cod in the Baltic Sea: molecular and ecological links. <i>Journal of Helminthology</i> , 2018 , 92, 81-89	1.6	30
189	Temperature dependent population growth of <i>Gyrodactylus derjavini</i> on rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Journal of Helminthology</i> , 1998 , 72, 9-14	1.6	30
188	Host size-dependent anisakid infection in Baltic cod <i>Gadus morhua</i> associated with differential food preferences. <i>Diseases of Aquatic Organisms</i> , 2016 , 120, 69-75	1.7	30
187	Comparative susceptibility of two races of <i>Salmo salar</i> (Baltic Lule river and Atlantic Conon river strains) to infection with <i>Gyrodactylus salaris</i> . <i>Diseases of Aquatic Organisms</i> , 2003 , 53, 173-6	1.7	29
186	Acquired resistance in rainbow trout against <i>Gyrodactylus derjavini</i> . <i>Journal of Helminthology</i> , 2000 , 74, 155-160	1.6	28
185	Effects of excretory/secretory products from <i>Anisakis simplex</i> (Nematoda) on immune gene expression in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2013 , 35, 734-9	4.3	27

184	Efficacy of Sodium Percarbonate and Formaldehyde Bath Treatments against Gyrodactylus derjavini Infestations of Rainbow Trout. <i>North American Journal of Aquaculture</i> , 2003 , 65, 25-27	1.5	26
183	A note on the humoral immune response of infected <i>Anguilla anguilla</i> against the gill monogenean <i>Pseudodactylogyrus bini</i> . <i>Fish and Shellfish Immunology</i> , 1993 , 3, 397-399	4.3	26
182	Experimental selection of mebendazole-resistant gill monogeneans from the European eel, <i>Anguilla anguilla</i> L.. <i>Journal of Fish Diseases</i> , 1992 , 15, 393-408	2.6	26
181	Chemoattraction of <i>Ichthyophthirius multifiliis</i> (Ciliophora) theronts to host molecules. <i>International Journal for Parasitology</i> , 1999 , 29, 1415-23	4.3	25
180	Particle effects on fish gills: An immunogenetic approach for rainbow trout and zebrafish. <i>Aquaculture</i> , 2018 , 484, 98-104	4.4	25
179	Adaptive and innate immune molecules in developing rainbow trout, <i>Oncorhynchus mykiss</i> eggs and larvae: expression of genes and occurrence of effector molecules. <i>Fish and Shellfish Immunology</i> , 2014 , 38, 25-33	4.3	24
178	Sequential Immune Responses: The Weapons of Immunity. <i>Journal of Innate Immunity</i> , 2015 , 7, 443-9	6.9	23
177	Parasite infections in recirculated rainbow trout (<i>Oncorhynchus mykiss</i>) farms. <i>Aquaculture</i> , 2009 , 289, 91-94	4.4	23
176	Affinity purification of antigen-specific serum immunoglobulin from the European eel (<i>Anguilla anguilla</i>). <i>Scandinavian Journal of Immunology</i> , 1992 , 36, 89-97	3.4	23
175	Epidemiology of gill parasite infections in <i>Cyprinus carpio</i> in Indonesia and possible control methods. <i>Aquaculture</i> , 1993 , 118, 9-21	4.4	23
174	Parasite infections in Danish trout farms. <i>Acta Veterinaria Scandinavica</i> , 1995 , 36, 283-98	2	23
173	Infection levels and species diversity of ascaridoid nematodes in Atlantic cod, <i>Gadus morhua</i> , are correlated with geographic area and fish size. <i>Fisheries Research</i> , 2018 , 202, 90-102	2.3	22
172	Emerging <i>Pseudoterranova decipiens</i> (Krabbe, 1878) problems in Baltic cod, <i>Gadus morhua</i> L., associated with grey seal colonization of spawning grounds. <i>Journal of Fish Diseases</i> , 2012 , 35, 861-6	2.6	22
171	Factors influencing in vitro respiratory burst assays with head kidney leucocytes from rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2010 , 33, 593-602	2.6	22
170	Interactions between ecto- and endoparasites in trout <i>Salmo trutta</i> . <i>Veterinary Parasitology</i> , 2002 , 103, 167-73	2.8	22
169	Association between trichodiniasis in eel (<i>Anguilla anguilla</i>) and water quality in recirculation systems. <i>Aquaculture</i> , 2000 , 187, 275-281	4.4	22
168	Approaches towards DNA vaccination against a skin ciliate parasite in fish. <i>PLoS ONE</i> , 2012 , 7, e48129	3.7	22
167	CK11, a Teleost Chemokine with a Potent Antimicrobial Activity. <i>Journal of Immunology</i> , 2019 , 202, 857-870		22

166	Transcriptomic analysis of immunity in rainbow trout (<i>Oncorhynchus mykiss</i>) gills infected by <i>Ichthyophthirius multifiliis</i> . <i>Fish and Shellfish Immunology</i> , 2019 , 86, 486-496	4.3	22
165	Excretory/secretory products of anisakid nematodes: biological and pathological roles. <i>Acta Veterinaria Scandinavica</i> , 2017 , 59, 42	2	21
164	Antibodies against <i>Discocotyle sagittata</i> (Monogenea) in farmed trout. <i>Diseases of Aquatic Organisms</i> , 2003 , 56, 181-4	1.7	20
163	Response of rainbow trout (<i>Oncorhynchus mykiss</i>) in skin and fin tissue during infection with a variant of <i>Gyrodactylus salaris</i> (Monogenea: Gyrodactylidae). <i>Folia Parasitologica</i> , 2009 , 56, 251-8	1.8	20
162	<i>Trichodina</i> sp. (Ciliophora: Peritrichida) in eel <i>Anguilla anguilla</i> in recirculation systems in denmark: host-parasite relations. <i>Diseases of Aquatic Organisms</i> , 2000 , 42, 149-52	1.7	20
161	Lectins in fish skin: do they play a role in host-monogenean interactions?. <i>Journal of Helminthology</i> , 2001 , 75, 227-31	1.6	20
160	Impact and control of protozoan parasites in maricultured fishes. <i>Parasitology</i> , 2015 , 142, 168-77	2.7	19
159	Molecular diversity of avian schistosomes in Danish freshwater snails. <i>Parasitology Research</i> , 2016 , 115, 1027-37	2.4	19
158	Molecular and immunohistochemical studies on epidermal responses in Atlantic salmon <i>Salmo salar</i> L. induced by <i>Gyrodactylus salaris</i> Malmberg, 1957. <i>Journal of Helminthology</i> , 2010 , 84, 166-72	1.6	19
157	Some histochemical characteristics of the mucous microenvironment in four salmonids with different susceptibilities to gyrodactylid infections. <i>Journal of Helminthology</i> , 1998 , 72, 101-107	1.6	19
156	Common Eider (<i>Somateria Mollissima</i>) Body Condition and Parasitic Load during a Mortality Event in the Baltic Proper. <i>Avian Biology Research</i> , 2018 , 11, 167-172	0.8	19
155	Association between adaptive immunity and neutrophil dynamics in zebrafish (<i>Danio rerio</i>) infected by a parasitic ciliate. <i>PLoS ONE</i> , 2018 , 13, e0203297	3.7	19
154	Effects of soluble immunostimulants on mucosal immune responses in rainbow trout immersion-vaccinated against <i>Yersinia ruckeri</i> . <i>Aquaculture</i> , 2018 , 492, 237-246	4.4	18
153	Characterization of serum amyloid A (SAA) in rainbow trout using a new monoclonal antibody. <i>Fish and Shellfish Immunology</i> , 2014 , 40, 648-58	4.3	18
152	Multi-centre testing and validation of current protocols for the identification of <i>Gyrodactylus salaris</i> (Monogenea). <i>International Journal for Parasitology</i> , 2010 , 40, 1455-67	4.3	18
151	Immunization of rainbow trout <i>Oncorhynchus mykiss</i> against <i>Discocotyle sagittata</i> (Monogenea). <i>Diseases of Aquatic Organisms</i> , 2003 , 55, 23-30	1.7	18
150	Differing Resistance of Atlantic Salmon Strains and Rainbow Trout to <i>Gyrodactylus salaris</i> Infection. <i>Journal of Aquatic Animal Health</i> , 2004 , 16, 109-115	2.6	18
149	Acquired resistance of the eel, <i>Anguilla anguilla</i> L., to challenge infections with gill monogeneans. <i>Journal of Fish Diseases</i> , 1993 , 16, 585-591	2.6	18

148	Differential immune gene response in gills, skin, and spleen of rainbow trout <i>Oncorhynchus mykiss</i> infected by <i>Ichthyophthirius multifiliis</i> . <i>PLoS ONE</i> , 2019 , 14, e0218630	3.7	17
147	Comparative evaluation of infection methods and environmental factors on challenge success: <i>Aeromonas salmonicida</i> infection in vaccinated rainbow trout. <i>Fish and Shellfish Immunology</i> , 2015 , 44, 485-95	4.3	17
146	Microhabitat preference of <i>Anisakis simplex</i> in three salmonid species: immunological implications. <i>Veterinary Parasitology</i> , 2012 , 190, 489-95	2.8	17
145	Infection status of zoonotic trematode metacercariae in Sutchi catfish (<i>Pangasianodon hypophthalmus</i>) in Vietnam: Associations with season, management and host age. <i>Aquaculture</i> , 2010 , 302, 19-25	4.4	17
144	Spatial distribution of <i>Pseudodactylogyms anguillae</i> and <i>P. bini</i> (Monogenea) on the gills of the European eel, <i>Anguilla anguilla</i> . <i>Journal of Fish Biology</i> , 1988 , 32, 801-802	1.9	17
143	Population increase of <i>Gyrodactylus derjavini</i> on rainbow trout induced by testosterone treatment of the host. <i>Diseases of Aquatic Organisms</i> , 1997 , 30, 145-150	1.7	17
142	Immune response to <i>Ichthyophthirius multifiliis</i> and role of IgT. <i>Parasite Immunology</i> , 2020 , 42, e12675	2.2	17
141	Immunomodulatory effects of excretory/secretory compounds from <i>Contracaecum osculatum</i> larvae in a zebrafish inflammation model. <i>PLoS ONE</i> , 2017 , 12, e0181277	3.7	16
140	Gut microbiota changes in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum), during organic acid feed supplementation and <i>Yersinia ruckeri</i> infection. <i>Journal of Fish Diseases</i> , 2013 , 36, 599-606	2.6	16
139	Dexamethasone treatment affects skin mucous cell density in <i>Gyrodactylus derjavini</i> infected <i>Salmo salar</i> . <i>Journal of Helminthology</i> , 2004 , 78, 87-90	1.6	16
138	A study on teleost phylogeny using specific antisera. <i>Journal of Fish Biology</i> , 1994 , 45, 901-903	1.9	16
137	Epidemiology of pseudodactylogyrosis in an intensive eel-culture system. <i>Diseases of Aquatic Organisms</i> , 1988 , 5, 81-85	1.7	16
136	Prolonged in vitro cultivation of <i>Ichthyophthirius multifiliis</i> using an EPC cell line as substrate. <i>Diseases of Aquatic Organisms</i> , 2000 , 42, 215-9	1.7	16
135	Spatial patterns in infection of cod <i>Gadus morhua</i> with the seal-associated liver worm <i>Contracaecum osculatum</i> from the Skagerrak to the central Baltic Sea. <i>Marine Ecology - Progress Series</i> , 2018 , 606, 105-118	2.6	16
134	Parasite infections of rainbow trout (<i>Oncorhynchus mykiss</i>) from Danish mariculture. <i>Aquaculture</i> , 2014 , 434, 486-492	4.4	15
133	Differential occurrence of immune cells in the primary and secondary vascular systems in rainbow trout, <i>Oncorhynchus mykiss</i> (Walbaum). <i>Journal of Fish Diseases</i> , 2013 , 36, 675-9	2.6	15
132	Subunit vaccine candidates against <i>Aeromonas salmonicida</i> in rainbow trout <i>Oncorhynchus mykiss</i> . <i>PLoS ONE</i> , 2017 , 12, e0171944	3.7	15
131	A pentavalent vaccine for rainbow trout in Danish aquaculture. <i>Fish and Shellfish Immunology</i> , 2019 , 88, 344-351	4.3	14

130	Third-stage nematode larvae of <i>Contracaecum osculatum</i> from Baltic cod (<i>Gadus morhua</i>) elicit eosinophilic granulomatous reactions when penetrating the stomach mucosa of pigs. <i>Parasitology Research</i> , 2015 , 114, 1217-20	2.4	14
129	Import of exotic and zoonotic trematodes (Heterophyidae: <i>Centrocestus</i> sp.) in <i>Xiphophorus maculatus</i> : implications for ornamental fish import control in Europe. <i>Acta Parasitologica</i> , 2014 , 59, 276-83	1.7	14
128	Molecular and morphometric study of metacercariae and adults of <i>Pseudamphistomum truncatum</i> (Opisthorchiidae) from roach (<i>Rutilus rutilus</i>) and wild American mink (<i>Mustela vison</i>). <i>Veterinary Parasitology</i> , 2008 , 155, 209-16	2.8	14
127	Characterisation of a low pathogenic form of <i>Gyrodactylus salaris</i> from rainbow trout. <i>Diseases of Aquatic Organisms</i> , 2007 , 73, 235-44	1.7	14
126	Viability of <i>Cryptocotyle lingua</i> metacercariae from Atlantic cod (<i>Gadus morhua</i>) after exposure to freezing and heating in the temperature range from 80 °C to 100 °C. <i>Food Control</i> , 2015 , 50, 371-377	6.2	13
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124	Infection of North Sea cod, <i>Gadus morhua</i> L., larvae with the parasitic nematode <i>Hysterothylacium aduncum</i> Rudolphi. <i>Journal of Plankton Research</i> , 2011 , 33, 1311-1316	2.2	13
123	Ecological implications of <i>Echinorhynchus gadi</i> parasitism of Baltic cod (<i>Gadus morhua</i>). <i>Journal of Fish Biology</i> , 1995 , 46, 539-540	1.9	13
122	The effects of praziquantel on the monogenean gill parasite <i>Pseudodactylogyrus bini</i> . <i>Acta Veterinaria Scandinavica</i> , 1987 , 28, 447-50	2	13
121	Associations between epidermal thionin-positive cells and skin parasitic infections in brown trout <i>Salmo trutta</i> . <i>Diseases of Aquatic Organisms</i> , 2000 , 41, 135-9	1.7	13
120	Determining vaccination frequency in farmed rainbow trout using <i>Vibrio anguillarum</i> O1 specific serum antibody measurements. <i>PLoS ONE</i> , 2012 , 7, e49672	3.7	12
119	Glutathione-s-transferase is an important antigen in the eel nematode <i>Anguillicola crassus</i> . <i>Journal of Helminthology</i> , 1997 , 71, 319-24	1.6	12
118	Occurrence of <i>Diplostomum pseudospathaceum</i> Niewiadomska, 1984 and <i>D. mergi</i> Dubois, 1932 (Digenea: Diplostomidae) in Danish freshwater snails: ecological and molecular data. <i>Folia Parasitologica</i> , 2013 , 60, 177-80	1.8	12
117	Baltic salmon activates immune relevant genes in fin tissue when responding to <i>Gyrodactylus salaris</i> infection. <i>Diseases of Aquatic Organisms</i> , 2007 , 76, 81-5	1.7	12
116	Immune gene expression and genome-wide association analysis in rainbow trout with different resistance to <i>Yersinia ruckeri</i> infection. <i>Fish and Shellfish Immunology</i> , 2020 , 106, 441-450	4.3	12
115	Impact of <i>Pseudomonas</i> H6 surfactant on all external life cycle stages of the fish parasitic ciliate <i>Ichthyophthirius multifiliis</i> . <i>Journal of Fish Diseases</i> , 2018 , 41, 1147-1152	2.6	12
114	The importance of live-feed traps for farming marine fish species. <i>Aquaculture Research</i> , 2017 , 48, 2623-2641	1.9	11
113	Rainbow trout (<i>Oncorhynchus mykiss</i>) immune response towards a recombinant vaccine targeting the parasitic ciliate <i>Ichthyophthirius multifiliis</i> . <i>Journal of Fish Diseases</i> , 2017 , 40, 1815-1821	2.6	11

112	Parasites in the changing world - Ten timely examples from the Nordic-Baltic region. <i>Parasite Epidemiology and Control</i> , 2020 , 10, e00150	2.6	11
111	Immunomodulation of rainbow trout (<i>Oncorhynchus mykiss</i>) fry by bath exposure to a β -glucan from <i>Euglena gracilis</i> . <i>Aquaculture Research</i> , 2013 , 44, 1407-1415	1.9	11
110	Comparative infectivity of three larval nematode species in three different salmonids. <i>Parasitology Research</i> , 2013 , 112, 2997-3004	2.4	11
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107	Effect of <i>Gyrodactylus derjavini</i> infections on cortisol production in rainbow trout fry. <i>Journal of Helminthology</i> , 2001 , 75, 291-4	1.6	11
106	Expression of immune relevant genes in rainbow trout following exposure to live <i>Anisakis simplex</i> larvae. <i>Experimental Parasitology</i> , 2013 , 135, 564-9	2.1	10
105	Baltic salmon, <i>Salmo salar</i> , from Swedish river Lule Ä is more resistant to furunculosis compared to rainbow trout. <i>PLoS ONE</i> , 2012 , 7, e29571	3.7	10
104	Vaccination improves survival of Baltic salmon (<i>Salmo solar</i>) smolts in delayed release sea ranching (net-pen period). <i>Aquaculture</i> , 1997 , 156, 335-348	4.4	10
103	Carbohydrate localization on <i>Gyrodactylus salaris</i> and <i>G. derjavini</i> and corresponding carbohydrate binding capacity of their hosts <i>Salmo salar</i> and <i>S. trutta</i> . <i>Journal of Helminthology</i> , 2005 , 79, 41-6	1.6	10
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101	Toltrazuril (Baycox [®] vet.) in feed can reduce <i>Ichthyophthirius multifiliis</i> invasion of rainbow trout (<i>Salmonidae</i>). <i>Acta Ichthyologica Et Piscatoria</i> , 2011 , 41, 63-66	1.8	10
100	Skin immune response of rainbow trout (<i>Oncorhynchus mykiss</i>) experimentally exposed to the disease Red Mark Syndrome. <i>Veterinary Immunology and Immunopathology</i> , 2019 , 211, 25-34	2	9
99	Cannabidiol effects on behaviour and immune gene expression in zebrafish (<i>Danio rerio</i>). <i>PLoS ONE</i> , 2018 , 13, e0200016	3.7	9
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94	Cholinergic and aminergic elements in the nervous system of <i>Pseudodactylogyrus bini</i> (Monogenea). <i>Diseases of Aquatic Organisms</i> , 1989 , 6, 89-92	1.7	9
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87	Microhabitat selection of <i>Gyrodactylus salaris</i> Malmberg on different salmonids. <i>Journal of Fish Diseases</i> , 2007 , 30, 733-43	2.6	8
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83	Comparative susceptibilities and immune reactions of wild and cultured populations of Caspian trout <i>Salmo trutta caspius</i> to VHSV. <i>Diseases of Aquatic Organisms</i> , 2018 , 128, 187-201	1.7	8
82	Antimicrobial peptide CAP18 and its effect on <i>Yersinia ruckeri</i> infections in rainbow trout <i>Oncorhynchus mykiss</i> (Walbaum): comparing administration by injection and oral routes. <i>Journal of Fish Diseases</i> , 2017 , 40, 97-104	2.6	7
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