Miodrag Belosevic

List of Publications by Year
in descending order

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212 papers	8,921 citations	41627 51 h-index	68831 81 g-index
218 all docs	218 docs citations	218 times ranked	6988 citing authors

#	Article	IF	Citations
1	Polymer-coated TiO₂ nanoparticles bioaccumulate, immunoactivate and suppress pathogenic Mycobacterium chelonae clearance when intravenously injected into goldfish (Carassius auratus L.). Environmental Science: Nano, 2021, 8, 1910-1926.	2.2	1
2	Identification of distinct LRC- and Fc receptor complex-like chromosomal regions in fish supports that teleost leukocyte immune-type receptors are distant relatives of mammalian Fc receptor-like molecules. Immunogenetics, 2021, 73, 93-109.	1.2	7
3	Identification of goldfish (Carassius auratus L.) leukocyte immune-type receptors shows alternative splicing as a potential mechanism for receptor diversification. Molecular Immunology, 2020, 125, 83-94.	1.0	5
4	Inorganic fraction of oil sands process-affected water induces mammalian macrophage stress gene expression and acutely modulates immune cell functional markers at both the gene and protein levels. Toxicology in Vitro, 2020, 66, 104875.	1.1	6
5	Separation of oil sands process water organics and inorganics and examination of their acute toxicity using standard in-vitro bioassays. Science of the Total Environment, 2019, 695, 133532.	3.9	22
6	Teleost antimicrobial peptide hepcidin contributes to host defense of goldfish (Carassius auratus L.) against Trypanosoma carassii. Developmental and Comparative Immunology, 2019, 94, 11-15.	1.0	23
7	Exposure to Organic Fraction Extracted from Oil Sands Process-Affected Water Has Negligible Impact on Pregnancy and Lactation of Mice. Environmental Science & Technology, 2019, 53, 7083-7094.	4.6	10
8	Teleost contributions to the understanding of mycobacterial diseases. Developmental and Comparative Immunology, 2019, 96, 111-125.	1.0	7
9	Trypanosoma carassii infection in goldfish (Carassius auratus L.): changes in the expression of erythropoiesis and anemia regulatory genes. Parasitology Research, 2019, 118, 1147-1158.	0.6	9
10	Characterization and functional assessment of the NLRC3-like molecule of the goldfish (Carassius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	28
11	Mechanisms of Fish Macrophage Antimicrobial Immunity. Frontiers in Immunology, 2018, 9, 1105.	2.2	147
12	Comparison of the Acute Immunotoxicity of Nonfractionated and Fractionated Oil Sands Process-Affected Water Using Mammalian Macrophages. Environmental Science & Technology, 2017, 51, 8624-8634.	4.6	18
13	The toxicity of oil sands process-affected water (OSPW): A critical review. Science of the Total Environment, 2017, 601-602, 1785-1802.	3.9	134
14	Recombinant IL-4/13A and IL-4/13B induce arginase activity and down-regulate nitric oxide response of primary goldfish (Carassius auratus L.) macrophages. Developmental and Comparative Immunology, 2017, 67, 377-384.	1.0	36
15	Pilot-scale UV/H2O2 advanced oxidation process for municipal reuse water: Assessing micropollutant degradation and estrogenic impacts on goldfish (Carassius auratus L.). Water Research, 2016, 101, 157-166.	5.3	36
16	Comparison of UV/hydrogen peroxide, potassium ferrate(VI), and ozone in oxidizing the organic fraction of oil sands process-affected water (OSPW). Water Research, 2016, 100, 476-485.	5.3	71
17	Functional characterization of apoptosis-associated speck-like protein (ASC) of the goldfish (Carassius auratus L.). Developmental and Comparative Immunology, 2016, 65, 201-210.	1.0	27
18	Preface to the special issue â€œHematopoiesis and immunityâ€• Developmental and Comparative Immunology, 2016, 58, A1.	1.0	0

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19	Goldfish (Carassius auratus L.) as a model system to study the growth factors, receptors and transcription factors that govern myelopoiesis in fish. Developmental and Comparative Immunology, 2016, 58, 68-85.	1.0	20
20	Biology of Bony Fish Macrophages. Biology, 2015, 4, 881-906.	1.3	92
21	Acute and subchronic effects on immune responses of carp (Cyprinus carpio L.) after exposure to deoxynivalenol (DON) in feed. Mycotoxin Research, 2015, 31, 151-164.	1.3	29
22	Molecular and functional characterization of goldfish (Carassius auratus L.) Serum Amyloid A. Fish and Shellfish Immunology, 2015, 47, 942-953.	1.6	11
23	Teleost soluble CSF-1R modulates cytokine profiles at an inflammatory site, and inhibits neutrophil chemotaxis, phagocytosis, and bacterial killing. Developmental and Comparative Immunology, 2015, 49, 259-266.	1.0	18
24	UV and hydrogen peroxide treatment restores changes in innate immunity caused by exposure ofÂfish to reuse water. Water Research, 2015, 71, 257-273.	5.3	22
25	The analysis of the acute phase response during the course of Trypanosoma carassii infection in the goldfish (Carassius auratus L.). Developmental and Comparative Immunology, 2015, 53, 112-122.	1.0	31
26	Application of protein misfolding cyclic amplification to detection of prions in anaerobic digestate. Journal of Microbiological Methods, 2015, 118, 1-6.	0.7	0
27	Development of an inÂvitro model system to study the interactions between Mycobacterium marinum and teleost neutrophils. Developmental and Comparative Immunology, 2015, 53, 349-357.	1.0	13
28	Recombinant goldfish thrombopoietin up-regulates expression of genes involved in thrombocyte development and synergizes with kit ligand A to promote progenitor cell proliferation and colony formation. Developmental and Comparative Immunology, 2015, 49, 157-169.	1.0	8
29	Effects of polymer-coated metal oxide nanoparticles on goldfish (Carassius auratusL.) neutrophil viability and function. Nanotoxicology, 2015, 9, 23-33.	1.6	21
30	Effect of ozonation on the naphthenic acids' speciation and toxicity of pH-dependent organic extracts of oil sands process-affected water. Science of the Total Environment, 2015, 506-507, 66-75.	3.9	47
31	Functional characterization of receptor-interacting serine/threonine kinase 2 (RIP2) of the goldfish (Carassius auratus L.). Developmental and Comparative Immunology, 2015, 48, 76-85.	1.0	18
32	Preface to the Special Issue: Immunity to infectious diseases of fish. Developmental and Comparative Immunology, 2014, 43, 129.	1.0	1
33	Ozone inactivation of infectious prions in rendering plant and municipal wastewaters. Science of the Total Environment, 2014, 470-471, 717-725.	3.9	16
34	Antimicrobial responses of teleost phagocytes and innate immune evasion strategies of intracellular bacteria. Developmental and Comparative Immunology, 2014, 43, 223-242.	1.0	80
35	Molecular and functional characterization of erythropoietin receptor of the goldfish (Carassius) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	10
36	Advanced Analytical Mass Spectrometric Techniques and Bioassays to Characterize Untreated and Ozonated Oil Sands Process-Affected Water. Environmental Science & Technology, 2014, 48, 11090-11099.	4.6	55

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37	Biodegradation of Prions in Compost. Environmental Science & Technology, 2014, 48, 6909-6918.	4.6	21
38	Application of a Solar UV/Chlorine Advanced Oxidation Process to Oil Sands Process-Affected Water Remediation. Environmental Science & Technology, 2014, 48, 9692-9701.	4.6	98
39	Control of CSF-1 induced inflammation in teleost fish by a soluble form of the CSF-1 receptor. Fish and Shellfish Immunology, 2014, 41, 45-51.	1.6	25
40	Identification and functional characterization of the goldfish (Carassius auratus L.) high mobility group box 1 (HMGB1) chromatin-binding protein. Developmental and Comparative Immunology, 2014, 44, 245-253.	1.0	31
41	The Analysis of Goldfish (Carassius auratus L.) Innate Immune Responses After Acute and Subchronic Exposures to Oil Sands Process-Affected Water. Toxicological Sciences, 2014, 138, 59-68.	1.4	37
42	Inactivation of infectious prions in the environment: a mini-review. Journal of Environmental Engineering and Science, 2014, 9, 125-136.	0.3	5
43	Microbial communities and greenhouse gas emissions associated with the biodegradation of specified risk material in compost. Waste Management, 2013, 33, 1372-1380.	3.7	24
44	Goldfish (Carassius auratus L.) possess natural antibodies with trypanocidal activity towards Trypanosoma carassii inÂvitro. Fish and Shellfish Immunology, 2013, 34, 1025-1032.	1.6	9
45	Photodegradation of emerging micropollutants using the medium-pressure UV/H2O2 Advanced Oxidation Process. Water Research, 2013, 47, 2881-2889.	5.3	185
46	Molecular and functional characterization of erythropoietin of the goldfish (Carassius auratus L.). Developmental and Comparative Immunology, 2013, 40, 148-157.	1.0	19
47	Expressions of transcription factors in goldfish (Carassius auratus L.) macrophages and their progenitors. Developmental and Comparative Immunology, 2013, 41, 230-239.	1.0	8
48	Kinetics of Ozone Inactivation of Infectious Prion Protein. Applied and Environmental Microbiology, 2013, 79, 2721-2730.	1.4	24
49	Characterization of three Nod-like receptors and their role in antimicrobial responses of goldfish (Carassius auratus L.) macrophages to Aeromonas salmonicida and Mycobacterium marinum. Developmental and Comparative Immunology, 2013, 39, 180-187.	1.0	63
50	Impact of Ozonation on Naphthenic Acids Speciation and Toxicity of Oil Sands Process-Affected Water to Vibrio fischeri and Mammalian Immune System. Environmental Science & Technology, 2013, 47, 6518-6526.	4.6	111
51	Biodegradation of specified risk material and fate of scrapie prions in compost. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 26-36.	0.9	15
52	Prevalence of Giardiasis in Children Attending Semi-urban Daycare Centres in Guatemala and Comparison of 3 Giardia Detection Tests. Journal of Health, Population and Nutrition, 2013, 31, 290-3.	0.7	18
53	Inactivation of Template-Directed Misfolding of Infectious Prion Protein by Ozone. Applied and Environmental Microbiology, 2012, 78, 613-620.	1.4	19
54	The acute and sub-chronic exposures of goldfish to naphthenic acids induce different host defense responses. Aquatic Toxicology, 2012, 109, 143-149.	1.9	52

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55	Characterization of granulocyte colony stimulating factor receptor of the goldfish (Carassius) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	24
56	Identification and molecular characterization of the interleukin-10 receptor 1 of the zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 408-417.	1.0	30
57	Evidence for the presence of functional lipid rafts in immune cells of ectothermic organisms. Developmental and Comparative Immunology, 2012, 37, 257-269.	1.0	9
58	Colony-stimulating factor-1 receptor protein expression is a specific marker for goldfish (Carassius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2012, 32, 434-445.	1.6	28
59	Immune Evasion Strategies of Trypanosomes: A Review. Journal of Parasitology, 2012, 98, 284-292.	0.3	24
60	Analysis of the immune response in infections of the goldfish (Carassius auratus L.) with Mycobacterium marinum. Developmental and Comparative Immunology, 2012, 38, 456-465.	1.0	35
61	Fish and Mammalian Phagocytes Differentially Regulate Pro-Inflammatory and Homeostatic Responses In Vivo. PLoS ONE, 2012, 7, e47070.	1.1	47
62	Cytokine Regulation of Teleost Inflammatory Responses. , 2012, , .		4
63	Commercial naphthenic acids and the organic fraction of oil sands process water induce different effects on proâ€inflammatory gene expression and macrophage phagocytosis in mice. Journal of Applied Toxicology, 2012, 32, 968-979.	1.4	31
64	Recombinant glycoprotein 63 (Gp63) of Trypanosoma carassii suppresses antimicrobial responses of goldfish (Carassius auratus L.) monocytes and macrophages. International Journal for Parasitology, 2012, 42, 621-633.	1.3	8
65	Analysis of the antimicrobial responses of primary phagocytes of the goldfish (Carassius auratus L.) against Mycobacterium marinum. Developmental and Comparative Immunology, 2011, 35, 1146-1158.	1.0	34
66	The expression analysis of inflammatory and antimicrobial genes in the goldfish (Carassius auratus L.) infected with Trypanosoma carassii. Fish and Shellfish Immunology, 2011, 31, 606-613.	1.6	34
67	Ozone treatment ameliorates oil sands process water toxicity to the mammalian immune system. Water Research, 2011, 45, 5849-5857.	5.3	57
68	Commercial naphthenic acids and the organic fraction of oil sands process water downregulate pro-inflammatory gene expression and macrophage antimicrobial responses. Toxicology Letters, 2011, 203, 62-73.	0.4	48
69	Characterization and functional analysis of goldfish (Carassius auratus L.) interleukin-10. Molecular Immunology, 2011, 48, 563-571.	1.0	96
70	Distribution and expression analysis of transcription factors in tissues and progenitor cell populations of the goldfish (Carassius auratus L.) in response to growth factors and pathogens. Molecular Immunology, 2011, 48, 1224-1235.	1.0	19
71	Biodegradation of specified risk material and characterization of actinobacterial communities in laboratory-scale composters. Biodegradation, 2011, 22, 1029-1043.	1.5	5
72	Assessment of Microbial Communities In Decomposition of Specified Risk Material Using a Passively Aerated Laboratory-Scale Composter. Compost Science and Utilization, 2010, 18, 255-265.	1.2	14

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73	Comparison of Macrophage Antimicrobial Responses Induced by Type II Interferons of the Goldfish (Carassius auratus L.). Journal of Biological Chemistry, 2010, 285, 23537-23547.	1.6	99
74	Ghrelin stimulation of gonadotropin (LH) release from goldfish pituitary cells: Presence of the growth hormone secretagogue receptor (GHS-R1a) and involvement of voltage-sensitive Ca2+ channels. Molecular and Cellular Endocrinology, 2010, 317, 64-77.	1.6	20
75	Trypanosoma carassii calreticulin binds host complement component C1q and inhibits classical complement pathway-mediated lysis. Developmental and Comparative Immunology, 2010, 34, 396-405.	1.0	33
76	Identification of key cytosolic kinases containing evolutionarily conserved kinase tyrosine-based inhibitory motifs (KTIMs). Developmental and Comparative Immunology, 2010, 34, 481-484.	1.0	14
77	Toll-Like Receptor-4 and Lipoprotein Accumulation in Macrophages. Trends in Cardiovascular Medicine, 2009, 19, 227-232.	2.3	57
78	Hymenolepis diminuta (Cestoda) induces changes in expression of select genes of Tribolium confusum (Coleoptera). Parasitology Research, 2009, 105, 875-879.	0.6	12
79	Molecular characterization, expression and functional analysis of goldfish (Carassius aurutus L.) interferon gamma. Developmental and Comparative Immunology, 2009, 33, 235-246.	1.0	116
80	Isolation and functional characterization of neutrophil-like cells, from goldfish (Carassius auratus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	70
81	Development of macrophages of cyprinid fish. Developmental and Comparative Immunology, 2009, 33, 411-429.	1.0	41
82	Trypanosoma carassii hsp70 increases expression of inflammatory cytokines and chemokines in macrophages of the goldfish (Carassius auratus L.). Developmental and Comparative Immunology, 2009, 33, 1128-1136.	1.0	33
83	Molecular and functional characterization of kita and kitla of the goldfish (Carassius auratus L.). Developmental and Comparative Immunology, 2009, 33, 1165-1175.	1.0	12
84	Macrophage colony stimulating factor (CSF-1) is a central growth factor of goldfish macrophages. Fish and Shellfish Immunology, 2009, 26, 1-9.	1.6	33
85	The induction of nitric oxide response of carp macrophages by transferrin is influenced by the allelic diversity of the molecule. Fish and Shellfish Immunology, 2009, 26, 632-638.	1.6	29
86	Macrophage colony-stimulating factor (CSF-1) induces pro-inflammatory gene expression and enhances antimicrobial responses of goldfish (Carassius auratus L.) macrophages. Fish and Shellfish Immunology, 2009, 26, 406-413.	1.6	45
87	The assessment of particle association and UV disinfection of wastewater using indigenous spore-forming bacteria. Water Research, 2009, 43, 481-489.	5.3	17
88	Infectivity of Giardia lamblia cysts obtained from wastewater treated with ultraviolet light. Water Research, 2009, 43, 3037-3046.	5.3	27
89	Transferrin-derived synthetic peptide induces highly conserved pro-inflammatory responses of macrophages. Molecular Immunology, 2009, 46, 576-586.	1.0	28
90	Molecular characterization of tumor necrosis factor receptors 1 and 2 of the goldfish (Carassius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.0	34

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91	Molecular characterization of novel interferon gamma receptor 1 isoforms in zebrafish (Danio rerio) and goldfish (Carassius auratus L.). Molecular Immunology, 2009, 46, 3050-3059.	1.0	60
92	Acceptance of the Clark P. Read Mentor Award: Mentor and Menteeâ€"A Lasting Relationship. Journal of Parasitology, 2009, 95, 1273-1274.	0.3	0
93	Gangliosides Protect Bowel in an Infant Model of Necrotizing Enterocolitis by Suppressing Proinflammatory Signals. Journal of Pediatric Gastroenterology and Nutrition, 2009, 49, 382-392.	0.9	42
94	Innate Immunity of Fish. , 2009, , 145-184.		3
95	Administration of recombinant parasite Î²-tubulin to goldfish (Carassius auratus L.) confers partial protection against challenge infection with Trypanosoma danilewskyi Laveran and Mesnil, 1904. Veterinary Parasitology, 2008, 151, 36-45.	0.7	15
96	Survival ofGiardia lambliatrophozoites after exposure to UV light. FEMS Microbiology Letters, 2008, 278, 56-61.	0.7	18
97	Molecular and functional characterization of granulin-like molecules of insects. Insect Biochemistry and Molecular Biology, 2008, 38, 596-603.	1.2	13
98	Analysis of leukemia inhibitory factor and leukemia inhibitory factor receptor in embryonic and adult zebrafish (Danio rerio). Developmental Biology, 2008, 314, 250-260.	0.9	22
99	Characterization and functional analysis of goldfish (Carassius auratus L.) tumor necrosis factor-alpha. Developmental and Comparative Immunology, 2008, 32, 532-543.	1.0	150
100	Molecular and functional characterization of goldfish (Carassius auratus L.) transforming growth factor beta. Developmental and Comparative Immunology, 2008, 32, 654-663.	1.0	79
101	Two Macrophage Colony-Stimulating Factor Genes Exist in Fish That Differ in Gene Organization and Are Differentially Expressed. Journal of Immunology, 2008, 181, 3310-3322.	0.4	97
102	Use of goldfish to monitor wastewater and reuse water for xenobiotics. Journal of Environmental Engineering and Science, 2008, 7, 369-383.	0.3	27
103	Evolution of the Inflammatory Response in Vertebrates: Fish TNF-Î± Is a Powerful Activator of Endothelial Cells but Hardly Activates Phagocytes. Journal of Immunology, 2008, 181, 5071-5081.	0.4	176
104	Toll-Like Receptor Family in Domestic Animal Species. Critical Reviews in Immunology, 2008, 28, 513-538.	1.0	21
105	Comparison of Levels of Inactivation of Two Isolates of Giardia lamblia Cysts by UV Light. Applied and Environmental Microbiology, 2007, 73, 2218-2223.	1.4	14
106	Growth Factors of Lower Vertebrates. Journal of Biological Chemistry, 2007, 282, 31865-31872.	1.6	52
107	Interleukin-6 family cytokine M17 induces differentiation and nitric oxide response of goldfish (Carassius auratus L.) macrophages. Developmental and Comparative Immunology, 2007, 31, 817-829.	1.0	43
108	Cloning and expression analysis of goldfish (Carassius auratus L.) prominin. Fish and Shellfish Immunology, 2007, 22, 308-317.	1.6	4

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109	Development of goldfish macrophages in vitro. Fish and Shellfish Immunology, 2006, 20, 152-171.	1.6	51
110	Antibodies that recognize Î±- and Î²-tubulin inhibit in vitro growth of the fish parasite Trypanosoma danilewskyi, Laveran and Mesnil, 1904. Developmental and Comparative Immunology, 2006, 30, 685-697.	1.0	12
111	A Novel Hematopoietic Granulin Induces Proliferation of Goldfish (Carassius auratus L.) Macrophages. Journal of Biological Chemistry, 2006, 281, 9963-9970.	1.6	40
112	Comparison of select innate immune mechanisms of fish and mammals. Xenotransplantation, 2005, 12, 266-277.	1.6	97
113	Inactivation of Cryptosporidium oocysts and Giardia cysts by ultraviolet light in the presence of natural particulate matter. Journal of Water Supply: Research and Technology - AQUA, 2005, 54, 165-178.	0.6	18
114	Waterborne disease: an old foe re-emerging?. Journal of Environmental Engineering and Science, 2005, 4, 155-171.	0.3	17
115	Characterization of the leukemia inhibitory factor receptor in the goldfish (Carassius auratus). Fish and Shellfish Immunology, 2005, 18, 359-369.	1.6	15
116	A novel soluble form of the CSF-1 receptor inhibits proliferation of self-renewing macrophages of goldfish (L.). Developmental and Comparative Immunology, 2005, 29, 879-894.	1.0	45
117	Synergistic inactivation of Cryptosporidium parvum using ozone followed by monochloramine in two natural waters. Water Research, 2005, 39, 3167-3176.	5.3	6
118	Enzyme treatment of Trypanosoma danilewskyi (Laveran & Mesnil) increases its susceptibility to lysis by the alternative complement pathway of goldfish, Carassius auratus (L.). Journal of Fish Diseases, 2004, 27, 277-285.	0.9	18
119	Comparison of three microscopic techniques for diagnosis ofCyclospora cayetanensis. FEMS Microbiology Letters, 2004, 238, 263-266.	0.7	15
120	Morphological changes ofGiardia lambliacysts after treatment with ozone and chlorine. Journal of Environmental Engineering and Science, 2004, 3, 495-506.	0.3	10
121	Regulation of myeloid development and function by colony stimulating factors. Developmental and Comparative Immunology, 2004, 28, 509-554.	1.0	363
122	Differentially expressed genes that encode potential markers of goldfish macrophage development in vitro. Developmental and Comparative Immunology, 2004, 28, 727-746.	1.0	48
123	Recombinant transferrin induces nitric oxide response in goldfish and murine macrophages. Fish and Shellfish Immunology, 2004, 17, 171-185.	1.6	33
124	Comparison of three microscopic techniques for diagnosis of. FEMS Microbiology Letters, 2004, 238, 263-266.	0.7	16
125	Dietary lipids containing gangliosides reduceGiardia murisinfectionin vivoand survival ofGiardia lambliatrophozoitesin vitro. Parasitology, 2004, 128, 595-602.	0.7	26
126	Animal models for the study of innate immunity: protozoan infections in fish. , 2004, , 67-89.		2

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127	Plasma membrane depolarization reduces nitric oxide (NO) production in P388D.1 macrophage-like cells during Leishmania major infection. Cellular Immunology, 2003, 222, 58-68.	1.4	5
128	Effect of turbulent gasâ€“liquid contact in a static mixer on Cryptosporidium parvum oocyst inactivation by ozone. Water Research, 2003, 37, 3622-3631.	5.3	14
129	Synergistic inactivation of Cryptosporidium parvum using ozone followed by free chlorine in natural water. Water Research, 2003, 37, 4737-4747.	5.3	28
130	Transferrin and the innate immune response of fish: identification of a novel mechanism of macrophage activation. Developmental and Comparative Immunology, 2003, 27, 539-554.	1.0	153
131	A toll-like receptor (TLR) gene that is up-regulated in activated goldfish macrophages. Developmental and Comparative Immunology, 2003, 27, 685-698.	1.0	109
132	Efficient Inactivation ofCryptosporidium Parvumin a Static Mixer Ozone Contactor. Ozone: Science and Engineering, 2003, 25, 295-306.	1.4	5
133	Macrophage-Mediated Innate Host Defense Against Protozoan Parasites. Critical Reviews in Microbiology, 2002, 28, 187-248.	2.7	124
134	Controlling Giardia spp. and Cryptosporidium spp. in drinking water by microbial reduction processes. Journal of Environmental Engineering and Science, 2002, 1, 17-31.	0.3	10
135	Use ofBacillus subtilisspores as model micro-organisms for ozonation ofCryptosporidium parvumin drinking water treatment. Journal of Environmental Engineering and Science, 2002, 1, 173-186.	0.3	13
136	Induction of nitric oxide and respiratory burst response in activated goldfish macrophages requires potassium channel activity. Developmental and Comparative Immunology, 2002, 26, 445-459.	1.0	30
137	Immunization of goldfish with excretory/secretory molecules of Trypanosoma danilewskyi confers protection against infection. Developmental and Comparative Immunology, 2002, 26, 649-657.	1.0	23
138	UV/H2O2-treatment: the ultimate solution for pesticide control and disinfection. Water Science and Technology: Water Supply, 2002, 2, 113-122.	1.0	22
139	Characterisation of growth enhancing factor production in different phases of in vitro fish macrophage development. Fish and Shellfish Immunology, 2001, 11, 169-185.	1.6	32
140	Products of proteolytic cleavage of transferrin induce nitric oxide response of goldfish macrophages. Developmental and Comparative Immunology, 2001, 25, 101-115.	1.0	67
141	Generation of primary monocyte-like cultures from rainbow trout head kidney leukocytes. Developmental and Comparative Immunology, 2001, 25, 447-459.	1.0	45
142	Transcriptional regulation of hemopoiesis. Developmental and Comparative Immunology, 2001, 25, 763-789.	1.0	34
143	Antimicrobial mechanisms of fish phagocytes and their role in host defense. Developmental and Comparative Immunology, 2001, 25, 807-825.	1.0	251
144	Inactivation of cryptosporidium parvum oocysts using medium- and low-pressure ultraviolet radiation. Water Research, 2001, 35, 1387-1398.	5.3	198

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145	Sequential inactivation of cryptosporidium parvum using ozone and chlorine. Water Research, 2001, 35, 4339-4348.	5.3	27
146	ControllingGiardiaspp. andCryptosporidiumspp. in drinking water by microbial reduction processes. Canadian Journal of Civil Engineering, 2001, 28, 67-80.	0.7	7
147	Studies on the resistance/reactivation ofGiardia muriscysts andCryptosporidium parvumoocysts exposed to medium-pressure ultraviolet radiation. FEMS Microbiology Letters, 2001, 204, 197-203.	0.7	57
148	Effect of Temperature on Ozone Inactivation ofCryptosporidium parvumin Oxidant Demand-Free Phosphate Buffer. Journal of Environmental Engineering, ASCE, 2001, 127, 456-467.	0.7	33
149	Sequential Inactivation ofCryptosporidiumUsing Ozone Followed by Free Chlorine in Natural Water. Ozone: Science and Engineering, 2001, 23, 411-420.	1.4	11
150	Chlorine Dioxide Inactivation of C ryptosporidium Parvum in Oxidant Demand-Free Phosphate Buffer. Journal of Environmental Engineering, ASCE, 2001, 127, 594-603.	0.7	12
151	Comparison Between Animal Infectivity and Nucleic Acid Staining for Determination of Viability of Ozone-InactivatedCryptosporidium parvum Oocysts. Ozone: Science and Engineering, 2001, 23, 1-13.	1.4	0
152	Controlling Giardia spp. and Cryptosporidium spp. in drinking water by microbial reduction processes. Canadian Journal of Civil Engineering, 2001, 28, 67-80.	0.7	5
153	Comparison of Animal Infectivity and Nucleic Acid Staining for Assessment of Cryptosporidium parvum Viability in Water. Applied and Environmental Microbiology, 2000, 66, 406-412.	1.4	52
154	IntactCryptosporidium parvumoocysts isolated after in vitro excystation are infectious to neonatal mice. FEMS Microbiology Letters, 2000, 183, 331-336.	0.7	47
155	Generation and functional analysis of distinct macrophage sub-populations from goldfish (Carassius) Tj ETQq1 1 0.784314 rgBT /Over	1.6	126
156	Biochemical and functional characterisation of macrophage stimulating factors secreted by mitogen-induced goldfish kidney leucocytes. Fish and Shellfish Immunology, 2000, 10, 167-186.	1.6	41
157	Flow cytometric analysis of PKH26-labeled goldfish kidney-derived macrophages. Developmental and Comparative Immunology, 2000, 24, 395-406.	1.0	40
158	Inactivation of Giardia muris cysts using medium-pressure ultraviolet radiation in filtered drinking water. Water Research, 2000, 34, 4325-4332.	5.3	86
159	Ozone Inactivation Kinetics ofCRYPTOSPORIDIUMin Phosphate Buffer. Journal of Environmental Engineering, ASCE, 1999, 125, 913-924.	0.7	66
160	Novel CD8 Molecule on Macrophages and Mast Cells: Expression, Function and Signaling. International Archives of Allergy and Immunology, 1999, 118, 180-182.	0.9	17
161	Macrophage or fibroblast-conditioned medium potentiates Growth of Trypanosoma danilewskyi Laveran & Mesnil 1904. Journal of Fish Diseases, 1999, 22, 359-367.	0.9	2
162	Treatment of the macrophage-like P388D.1 cells with bacterial lipopolysaccharide and interferon-Î³ causes long-term alterations in calcium metabolism. Developmental and Comparative Immunology, 1999, 23, 253-261.	1.0	8

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