

# Mikolaj Adamek

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

1,802  
citations

257450

24  
h-index

315739

38  
g-index

85  
all docs

85  
docs citations

85  
times ranked

1562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular cloning and expression of two $\beta$ -defensin and two mucin genes in common carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 494-501.	3.6	112
2	Interferon type I responses to virus infections in carp cells: In vitro studies on Cyprinid herpesvirus 3 and Rhabdovirus carpio infections. <i>Fish and Shellfish Immunology</i> , 2012, 33, 482-493.	3.6	86
3	Cyprinid herpesvirus 3 infection disrupts the skin barrier of common carp ( <i>Cyprinus carpio</i> L.). <i>Veterinary Microbiology</i> , 2013, 162, 456-470.	1.9	86
4	Resistance of common carp ( <i>Cyprinus carpio</i> L.) to Cyprinid herpesvirus-3 is influenced by major histocompatibility (MH) class II B gene polymorphism. <i>Fish and Shellfish Immunology</i> , 2009, 26, 737-743.	3.6	72
5	Gene expression analysis of common carp ( <i>Cyprinus carpio</i> L.) lines during Cyprinid herpesvirus 3 infection yields insights into differential immune responses. <i>Developmental and Comparative Immunology</i> , 2012, 37, 65-76.	2.3	71
6	Dietary $\beta$ -glucan (MacroGard®) enhances survival of first feeding turbot ( <i>Scophthalmus maximus</i> ) larvae by altering immunity, metabolism and microbiota. <i>Fish and Shellfish Immunology</i> , 2016, 48, 94-104.	3.6	58
7	Emergence of carp edema virus (CEV) and its significance to European common carp and koi <i>Cyprinus carpio</i> . <i>Diseases of Aquatic Organisms</i> , 2017, 126, 155-166.	1.0	53
8	$\beta$ -Glucan protects neutrophil extracellular traps against degradation by <i>Aeromonas hydrophila</i> in carp ( <i>Cyprinus carpio</i> ). <i>Fish and Shellfish Immunology</i> , 2012, 33, 1060-1064.	3.6	52
9	Experimental infections of different carp strains with the carp edema virus (CEV) give insights into the infection biology of the virus and indicate possible solutions to problems caused by koi sleepy disease (KSD) in carp aquaculture. <i>Veterinary Research</i> , 2017, 48, 12.	3.0	48
10	Intestinal barrier of carp ( <i>Cyprinus carpio</i> L.) during a cyprinid herpesvirus 3-infection: Molecular identification and regulation of the mRNA expression of claudin encoding genes. <i>Fish and Shellfish Immunology</i> , 2013, 34, 305-314.	3.6	47
11	First outbreak of an infection with infectious spleen and kidney necrosis virus (ISKNV) in ornamental fish in Germany. <i>Diseases of Aquatic Organisms</i> , 2016, 119, 239-244.	1.0	47
12	The effect of $\beta$ -glucan on formation and functionality of neutrophil extracellular traps in carp ( <i>Cyprinus carpio</i> L.). <i>Developmental and Comparative Immunology</i> , 2014, 44, 280-285.	2.3	45
13	Type I interferon responses of common carp strains with different levels of resistance to koi herpesvirus disease during infection with CyHV-3 or SVCV. <i>Fish and Shellfish Immunology</i> , 2019, 87, 809-819.	3.6	44
14	Another potential carp killer?: Carp Edema Virus disease in Germany. <i>BMC Veterinary Research</i> , 2015, 11, 114.	1.9	43
15	Feeding of $\beta$ -1,3/1,6-glucan increases the diversity of the intestinal microflora of carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 2.7 40	2.7	40
16	Concentration of carp edema virus (CEV) DNA in koi tissues affected by koi sleepy disease (KSD). <i>Diseases of Aquatic Organisms</i> , 2016, 119, 245-251.	1.0	36
17	Establishment of a Model of <i>Streptococcus iniae</i> Meningoencephalitis in Nile Tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 0.4 34	0.4	34
18	Characterization, expression and antibacterial properties of apolipoproteins A from carp ( <i>Cyprinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3.6 33	3.6	33

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19	Interaction between type I interferon and Cyprinid herpesvirus 3 in two genetic lines of common carp <i>Cyprinus carpio</i> . <i>Diseases of Aquatic Organisms</i> , 2014, 111, 107-118.	1.0	32
20	Biology and host response to Cyprinid herpesvirus 3 infection in common carp. <i>Developmental and Comparative Immunology</i> , 2014, 43, 151-159.	2.3	31
21	Antiviral response of adult zebrafish ( <i>Danio rerio</i> ) during tilapia lake virus (TiLV) infection. <i>Fish and Shellfish Immunology</i> , 2020, 101, 1-8.	3.6	30
22	Viral infections in common carp lead to a disturbance of mucin expression in mucosal tissues. <i>Fish and Shellfish Immunology</i> , 2017, 71, 353-358.	3.6	29
23	C-reactive protein and complement as acute phase reactants in common carp <i>Cyprinus carpio</i> during CyHV-3 infection. <i>Diseases of Aquatic Organisms</i> , 2014, 109, 187-199.	1.0	26
24	Expression of apolipoprotein A-I and A-II in rainbow trout reproductive tract and their possible role in antibacterial defence. <i>Fish and Shellfish Immunology</i> , 2015, 45, 750-756.	3.6	26
25	Carp edema virus from three genogroups is present in common carp in Hungary. <i>Journal of Fish Diseases</i> , 2018, 41, 463-468.	1.9	25
26	Acclimation to cold and warm temperatures is associated with differential expression of male carp blood proteins involved in acute phase and stress responses, and lipid metabolism. <i>Fish and Shellfish Immunology</i> , 2018, 76, 305-315.	3.6	24
27	Beta- $\text{D}$ -glucan feeding differentiated the regulation of mRNA expression of claudin genes and prevented an intestinal inflammatory response post <i>Aeromonas hydrophila</i> intubation in common carp, <i>Cyprinus carpio</i> . <i>Journal of Fish Diseases</i> , 2014, 37, 149-156.	1.9	23
28	Molecular ontogeny of larval immunity in European eel at increasing temperatures. <i>Fish and Shellfish Immunology</i> , 2019, 87, 105-119.	3.6	23
29	Application of PCR-RF-SSCP to study major histocompatibility class II B polymorphism in common carp ( <i>Cyprinus carpio</i> L.). <i>Fish and Shellfish Immunology</i> , 2008, 24, 734-744.	3.6	22
30	Isolation and analysis of membrane lipids and lipid rafts in common carp ( <i>Cyprinus carpio</i> L.). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014, 169, 9-15.	1.6	21
31	Response of the intestinal mucosal barrier of carp ( <i>Cyprinus carpio</i> ) to a bacterial challenge by <i>Aeromonas hydrophila</i> intubation after feeding with $\beta$ -1,3/1,6-D-glucan. <i>Journal of Fish Diseases</i> , 2018, 41, 1077-1092.	1.9	21
32	CyHV-2 transmission in traded goldfish stocks in Germany – A case study. <i>Journal of Fish Diseases</i> , 2018, 41, 401-404.	1.9	21
33	Flavobacteria as secondary pathogens in carp suffering from koi sleepy disease. <i>Journal of Fish Diseases</i> , 2018, 41, 1631-1642.	1.9	20
34	Evaluation of zebrafish ( <i>Danio rerio</i> ) as an animal model for the viral infections of fish. <i>Journal of Fish Diseases</i> , 2019, 42, 923-934.	1.9	20
35	Koi herpesvirus and carp edema virus threaten common carp aquaculture in Croatia. <i>Journal of Fish Diseases</i> , 2020, 43, 673-685.	1.9	19
36	Comparison of PCR methods for the detection of genetic variants of carp edema virus. <i>Diseases of Aquatic Organisms</i> , 2017, 126, 75-81.	1.0	19

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37	Acyclovir inhibits Cyprinid herpesvirus 3 multiplication in vitro. Journal of Fish Diseases, 2018, 41, 1709-1718.	1.9	17
38	Tilapia Lake Virus-Induced Neuroinflammation in Zebrafish: Microglia Activation and Sickness Behavior. Frontiers in Immunology, 2021, 12, 760882.	4.8	17
39	Differential effects of alloherpesvirus CyHV-3 and rhabdovirus SVCV on apoptosis in fish cells. Veterinary Microbiology, 2015, 176, 19-31.	1.9	16
40	Effect of Î²-1,3/1,6-glucan upon immune responses and bacteria in the gut of healthy common carp (<sc><i>Cyprinus carpio</i></sc>). Journal of Fish Biology, 2020, 96, 444-455.	1.6	16
41	Anthropogenic spreading of <i>anguillid herpesvirus 1</i> by stocking of infected farmed European eels, <i>Anguilla anguilla</i> (L.), in the Schlei fjord in northern Germany. Journal of Fish Diseases, 2017, 40, 1695-1706.	1.9	15
42	Detection of piscine orthoreoviruses (PRV-1 and PRV-3) in Atlantic salmon and rainbow trout farmed in Germany. Transboundary and Emerging Diseases, 2019, 66, 14-21.	3.0	15
43	Quantitative diagnostics of gill diseases in common carp: not as simple as it seems. Diseases of Aquatic Organisms, 2019, 134, 197-207.	1.0	15
44	Recommendations for identifying pathogenic <i>Vibrio</i> spp. as part of disease surveillance programmes in recirculating aquaculture systems for Pacific white shrimps (<i>Litopenaeus</i>). Tj ETQq0 0 0 rgBT /Overlock 10 T 150 457 T		
45	Impact of a reduced water salinity on the composition of <i>Vibrio</i> spp. in recirculating aquaculture systems for Pacific white shrimp (<i>Litopenaeus vannamei</i>) and its possible risks for shrimp health and food safety. Journal of Fish Diseases, 2021, 44, 89-105.	1.9	13
46	Type I interferon-dependent response of zebrafish larvae during tilapia lake virus (TiLV) infection. Developmental and Comparative Immunology, 2021, 116, 103936.	2.3	13
47	Occurrence of two novel viral pathogens (<sc>CEV</sc> and Cy<sc>HV</sc>-2) affecting Serbian cyprinid aquaculture and ichthyofauna. Journal of Fish Diseases, 2018, 41, 851-854.	1.9	12
48	Viral infection-induced changes in the expression profile of non-RLR DExD/H-box RNA helicases (DDX1). Tj ETQq0 0 0 rgBT /Overlock 10 T 150 457 T 104, 62-73.	3.6	12
49	Cholesterol-rich lipid rafts play an important role in the Cyprinid herpesvirus 3 replication cycle. Veterinary Microbiology, 2015, 179, 204-212.	1.9	11
50	Purification, characterization and expression of transferrin from rainbow trout seminal plasma. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 208-209, 38-46.	1.6	11
51	Koi sleepy disease as a pathophysiological and immunological consequence of a branchial infection of common carp with carp edema virus. Virulence, 2021, 12, 1855-1883.	4.4	11
52	Donâ€™t Let It Get Under Your Skin! â€œ Vaccination Protects the Skin Barrier of Common Carp From Disruption Caused by Cyprinid Herpesvirus 3. Frontiers in Immunology, 2022, 13, 787021.	4.8	11
53	Transmission of Cyprinid herpesvirus 3 by wild fish species â€œ results from infection experiments. Journal of Fish Diseases, 2016, 39, 625-628.	1.9	10
54	Serine protease inhibitor Kazal-type 2 is expressed in the male reproductive tract of carp with a possible role in antimicrobial protection. Fish and Shellfish Immunology, 2017, 60, 150-163.	3.6	10

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55	Piscine Orthoreovirus 3 Is Not the Causative Pathogen of Proliferative Darkening Syndrome (PDS) of Brown Trout ( <i>Salmo trutta fario</i> ). <i>Viruses</i> , 2019, 11, 112.	3.3	9
56	Antiviral Actions of 25-Hydroxycholesterol in Fish Vary With the Virus-Host Combination. <i>Frontiers in Immunology</i> , 2021, 12, 581786.	4.8	9
57	Quantification of sterols from carp cell lines by using HPLC-MS. <i>Separation Science Plus</i> , 2018, 1, 11-21.	0.6	8
58	It is everywhere – A survey on the presence of carp edema virus in carp populations in Germany. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 2227-2241.	3.0	7
59	Virus infections of the European Eel in North Rhine Westphalian rivers. <i>Journal of Fish Diseases</i> , 2022, 45, 69-76.	1.9	7
60	Small interfering RNA treatment can inhibit Cyprinid herpesvirus 3 associated cell death in vitro. <i>Polish Journal of Veterinary Sciences</i> , 2014, 17, 733-735.	0.2	6
61	Anti-CyHV-3 effect of fluorescent, tricyclic derivative of acyclovir 6-(4-MeOPh)-TACV in vitro. <i>Journal of Veterinary Research (Poland)</i> , 2019, 63, 513-518.	1.0	6
62	Immunological insights into the resistance of Nile tilapia strains to an infection with tilapia lake virus. <i>Fish and Shellfish Immunology</i> , 2022, 124, 118-133.	3.6	6
63	Monitoring changing cellular characteristics during the development of a fin cell line from <i>Cyprinus carpio</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 225, 1-12.	1.6	5
64	Hormonal stimulation of carp is accompanied by changes in seminal plasma proteins associated with the immune and stress responses. <i>Journal of Proteomics</i> , 2019, 202, 103369.	2.4	5
65	Glucose uptake in the intestine of the common carp <i>Cyprinus carpio</i> : Indications for the involvement of the sodium-dependent glucose cotransporter 1 and its modulation under pathogen infection. <i>Aquaculture</i> , 2019, 501, 169-177.	3.5	5
66	Characterization of carp seminal plasma Wap65-2 and its participation in the testicular immune response and temperature acclimation. <i>Veterinary Research</i> , 2020, 51, 142.	3.0	5
67	Health Surveillance of Wild Brown Trout ( <i>Salmo trutta fario</i> ) in the Czech Republic Revealed a Coexistence of Proliferative Kidney Disease and Piscine Orthoreovirus-3 Infection. <i>Pathogens</i> , 2020, 9, 604.	2.8	5
68	A new reactor for denitrification and micro-particle removal in recirculated aquaculture systems. <i>Water Science and Technology</i> , 2017, 75, 1204-1210.	2.5	4
69	Identification of differentially expressed proteins in testicular semen of sex-reversed female (XX) and normal male (XY) rainbow trout. <i>Journal of Animal Science</i> , 2017, 95, 3173-3183.	0.5	4
70	Modulation of the Tissue Expression Pattern of Zebrafish CRP-Like Molecules Suggests a Relevant Antiviral Role in Fish Skin. <i>Biology</i> , 2021, 10, 78.	2.8	4
71	Impact of cyprinid herpesvirus 3 (Koi herpesvirus) on wild and cultured fish.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-10.	1.0	4
72	Update on the Inactivation Procedures for the Vaccine Development Prospects of a New Highly Virulent RGNNV Isolate. <i>Vaccines</i> , 2021, 9, 1441.	4.4	4

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73	Influence of a membraneâ€denitrification reactor on the microbial community of an aquaculture recirculation system. <i>Journal of Fish Diseases</i> , 2019, 42, 141-146.	1.9	3
74	2D-DIGE proteomic analysis of blood plasma reveals changes in immune- and stress-associated proteins following hormonal stimulation of carp males. <i>Fish and Shellfish Immunology</i> , 2021, 118, 354-368.	3.6	3
75	Identification of differentially expressed proteins in testicular semen of sex-reversed female (XX) and normal male (XY) rainbow trout. <i>Journal of Animal Science</i> , 2017, 95, 3173.	0.5	3
76	The Immune System of Marine Organisms as Source for Drugs against Infectious Diseases. <i>Marine Drugs</i> , 2022, 20, 363.	4.6	3
77	Association of the alga <i>Cladogonium</i> sp. with a multifactorial disease outbreak in dwarf shrimp ( <i>Neocaridina davidi</i> ). <i>Diseases of Aquatic Organisms</i> , 2021, 146, 107-115.	1.0	2
78	Identification of virus infections of European eels intended for stocking measures. <i>Journal of Fish Diseases</i> , 2022, 45, 1259-1266.	1.9	2
79	Proteomic analysis of carp seminal plasma provides insights into the immune response to bacterial infection of the male reproductive system. <i>Fish and Shellfish Immunology</i> , 2022, 127, 822-835.	3.6	2
80	In vitro cytotoxicity and multiplex PCR detection of virulence factors of <i>Yersinia ruckeri</i> isolated from rainbow trout in North West Germany. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2014, 127, 233-42.	0.7	1
81	Workshop report: Diseases of ornamental and laboratory fishes. , 0, , .		1
82	Effects of non-steroidal gonadal factors on LH secretion in female common carp during the reproductive cycle. <i>Czech Journal of Animal Science</i> , 2008, 53, 398-403.	1.3	0
83	Acyclovir inhibits CyHVâ€3 replication in a doseâ€dependent manner. An in vitro study. <i>Aquaculture Research</i> , 0, , .	1.8	0