

Ivan Fiala

List of Publications by Year in descending order

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57
papers

2,091
citations

279701

23
h-index

254106

43
g-index

59
all docs

59
docs citations

59
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	The phylogeny of Myxosporea (Myxozoa) based on small subunit ribosomal RNA gene analysis. <i>International Journal for Parasitology</i> , 2006, 36, 1521-1534.	1.3	430
2	Classification and Phylogenetics of Myxozoa. , 2015, , 85-110.		112
3	Concatenated SSU and LSU rDNA data confirm the main evolutionary trends within myxosporeans (Myxozoa: Myxosporea) and provide an effective tool for their molecular phylogenetics. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 81-93.	1.2	107
4	History of myxozoan character evolution on the basis of rDNA and EF-2 data. <i>BMC Evolutionary Biology</i> , 2010, 10, 228.	3.2	103
5	The joint evolution of the Myxozoa and their alternate hosts: A cnidarian recipe for success and vast biodiversity. <i>Molecular Ecology</i> , 2018, 27, 1651-1666.	2.0	101
6	Perkinsiella amoebae-like endosymbionts of <i>Neoparamoeba</i> spp., relatives of the kinetoplastid <i>Ichthyobodo</i> . <i>European Journal of Protistology</i> , 2003, 39, 37-52.	0.5	77
7	Complex Evolution of Insect Insulin Receptors and Homologous Decoy Receptors, and Functional Significance of Their Multiplicity. <i>Molecular Biology and Evolution</i> , 2020, 37, 1775-1789.	3.5	58
8	Diversity of Insect Trypanosomatids Assessed from the Spliced Leader RNA and 5s rRNA Genes and Intergenic Regions1. <i>Journal of Eukaryotic Microbiology</i> , 2004, 51, 283-290.	0.8	54
9	<i>Sphaerospora</i> sensu stricto: Taxonomy, diversity and evolution of a unique lineage of myxosporeans (Myxozoa). <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 93-105.	1.2	51
10	Phylogeny of Myxobolidae (Myxozoa) and the evolution of myxospore appendages in the Myxobolus clade. <i>International Journal for Parasitology</i> , 2019, 49, 523-530.	1.3	49
11	A Suspected Parasite Spill-Back of Two Novel Myxidium spp. (Myxosporea) Causing Disease in Australian Endemic Frogs Found in the Invasive Cane Toad. <i>PLoS ONE</i> , 2011, 6, e18871.	1.1	49
12	Evolutionary origin of <i>Ceratonova shasta</i> and phylogeny of the marine myxosporean lineage. <i>Molecular Phylogenetics and Evolution</i> , 2015, 86, 75-89.	1.2	48
13	<i>Nuclearia pattersoni</i> sp. n. (Filosea), a new species of amphizoic amoeba isolated from gills of roach (<i>Rutilus rutilus</i>), and its rickettsial endosymbiont. <i>Folia Parasitologica</i> , 2003, 50, 161-170.	0.7	48
14	Genome sequencing reveals metabolic and cellular interdependence in an amoeba-kinetoplastid symbiosis. <i>Scientific Reports</i> , 2017, 7, 11688.	1.6	44
15	Molecular evidence for the existence of cryptic species assemblages of several myxosporeans (Myxozoa). <i>Parasitology Research</i> , 2011, 108, 573-583.	0.6	43
16	The phylogeny of marine and freshwater species of the genus <i>Chloromyxum</i> Mingazzini, 1890 (Myxosporea: Bivalvulida) based on small subunit ribosomal RNA gene sequences. <i>Folia Parasitologica</i> , 2004, 51, 211-214.	0.7	36
17	<i>Neoparamoeba</i> spp. and their eukaryotic endosymbionts similar to <i>Perkinsella amoebae</i> (Hollande, 1980): Coevolution demonstrated by SSU rRNA gene phylogenies. <i>European Journal of Protistology</i> , 2008, 44, 269-277.	0.5	33
18	A survey for piroplasmids in horses and Bactrian camels in North-Eastern Mongolia. <i>Veterinary Parasitology</i> , 2011, 179, 246-249.	0.7	33

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19	Phylogenetic position of <i>Sphaerospora testicularis</i> and <i>Latyspora scomberomori</i> n. gen. n. sp. (Myxozoa) within the marine urinary clade. <i>Parasitology</i> , 2011, 138, 381-393.	0.7	27
20	New species of Myxosporea from frogs and resurrection of the genus <i>Cystodiscus</i> Lutz, 1889 for species with myxospores in gallbladders of amphibians. <i>Parasitology</i> , 2012, 139, 478-496.	0.7	27
21	<i>Bipteria vetusta</i> n. sp. – an old parasite in an old host: tracing the origin of myxosporean parasitism in vertebrates. <i>International Journal for Parasitology</i> , 2015, 45, 269-276.	1.3	27
22	<i>Kudoa diana</i> sp. n. (Myxosporea: Multivalvulida), a new parasite of bullseye puffer, <i>Sphoeroides annulatus</i> (Tetraodontiformes: Tetraodontidae). <i>Folia Parasitologica</i> , 2002, 49, 17-23.	0.7	27
23	Phylogeny of <i>Neoparamoeba</i> strains isolated from marine fish and invertebrates as inferred from SSU rDNA sequences. <i>Diseases of Aquatic Organisms</i> , 2007, 74, 57-65.	0.5	27
24	<i>Kudoa inornata</i> sp. n. (Myxosporea: Multivalvulida) from the skeletal muscles of <i>Cynoscion nebulosus</i> (Teleostei: Sciaenidae). <i>Folia Parasitologica</i> , 2009, 56, 91-98.	0.7	25
25	Amoebae of the genera <i>Vannella</i> Bovee, 1965 and <i>Platyamoeba</i> isolated from fish and their phylogeny inferred from SSU rRNA gene and ITS sequences. <i>European Journal of Protistology</i> , 2005, 41, 219-230.	0.5	24
26	Molecular characterisation of <i>Neoparamoeba</i> strains isolated from gills of <i>Scophthalmus maximus</i> . <i>Diseases of Aquatic Organisms</i> , 2003, 55, 11-16.	0.5	23
27	<i>Henneguya cynoscioni</i> sp. n. (Myxosporea: Bivalvulida), an agent of severe cardiac lesions in the spotted seatrout, <i>Cynoscion nebulosus</i> (Teleostei: Sciaenidae). <i>Folia Parasitologica</i> , 2011, 58, 169-177.	0.7	22
28	Didymium-like myxogastriids (class Mycetozoa) as endocommensals of sea urchins (<i>Sphaerechinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	21
29	Genomic Characterization of <i>Neoparamoeba pemaquidensis</i> (Amoebozoa) and Its Kinetoplastid Endosymbiont. <i>Eukaryotic Cell</i> , 2011, 10, 1143-1146.	3.4	20
30	<i>Globulisporea mitoportans</i> n. g., n. sp., (Opisthosporidia: Microsporidia) a microsporidian parasite of daphnids with unusual spore organization and prominent mitosome-like vesicles. <i>Journal of Invertebrate Pathology</i> , 2016, 135, 43-52.	1.5	20
31	New data on <i>Soricimyxum fegati</i> (Myxozoa) including analysis of its phylogenetic position inferred from the SSU rRNA gene sequence. <i>Folia Parasitologica</i> , 2007, 54, 272-276.	0.7	20
32	Living together: The marine amoeba <i>Thecamoeba hilla</i> Schaeffer, 1926 and its endosymbiont <i>Labyrinthula</i> sp.. <i>European Journal of Protistology</i> , 2008, 44, 308-316.	0.5	19
33	Mechanisms and Drivers for the Establishment of Life Cycle Complexity in Myxozoan Parasites. <i>Biology</i> , 2020, 9, 10.	1.3	19
34	<i>Myxobolus lentisuturalis</i> sp. n. (Myxozoa: Myxobolidae), a new muscle-infecting species from the Prussian carp, <i>Carassius gibelio</i> from China. <i>Folia Parasitologica</i> , 2002, 49, 253-258.	0.7	19
35	Fish-isolated strains of <i>Hartmannella vermiformis</i> Page, 1967: morphology, phylogeny and molecular diagnosis of the species in tissue lesions. <i>Folia Parasitologica</i> , 2005, 52, 295-303.	0.7	17
36	Myxozoa in high Arctic: Survey on the central part of Svalbard archipelago. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2014, 3, 41-56.	0.6	14

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37	Biodiversity and host-parasite cophylogeny of Sphaerospora (sensu stricto) (Cnidaria: Myxozoa). Parasites and Vectors, 2018, 11, 347.	1.0	14
38	Fish-isolated Naegleria strains and their phylogeny inferred from ITS and SSU rDNA sequences. Folia Parasitologica, 2006, 53, 172-180.	0.7	14
39	Life in a rock pool: Radiation and population genetics of myxozoan parasites in hosts inhabiting restricted spaces. PLoS ONE, 2018, 13, e0194042.	1.1	13
40	Species complexes and phylogenetic lineages of Hoferellus (Myxozoa, Cnidaria) including revision of the genus: A problematic case for taxonomy. Parasites and Vectors, 2016, 9, 13.	1.0	12
41	Microsporidian genus Berwaldia (Opisthosporidia, Microsporidia), infecting daphnids (Crustacea,) Tj ETQq1 1 0.784314 rgBT /Overl... European Journal of Protistology, 2017, 61, 1-12.	0.5	12
42	New data on Myxobolus longisporus (Myxozoa: Myxobolidae), a gill infecting parasite of carp, Cyprinus carpio haematopterus, from Chinese lakes. Folia Parasitologica, 2003, 50, 263-268.	0.7	12
43	The phylogeny of marine and freshwater species of the genus Chloromyxum Mingazzini, 1890 (Myxosporea: Bivalvulida) based on small subunit ribosomal RNA gene sequences. Folia Parasitologica, 2004, 51, 211-4.	0.7	12
44	REDESCRIPTION OF ALINEMA AMAZONICUM (TRAVASSOS, 1960) N. COMB., A PHILOMETRID NEMATODE WITH UNUSUAL MORPHOLOGY. Journal of Parasitology, 2006, 92, 138-144.	0.3	10
45	Sinuolinea infections in the urinary system of Cynoscion species (Sciaenidae) and phylogenetic position of the type species of Sinuolinea Davis, 1917 (Myxozoa: Myxosporea). International Journal for Parasitology: Parasites and Wildlife, 2013, 2, 10-17.	0.6	10
46	Genetic Diversity of Serine Protease Inhibitors in Myxozoan (Cnidaria, Myxozoa) Fish Parasites. Microorganisms, 2020, 8, 1502.	1.6	10
47	Establishment of a new microsporidian genus and species, Pseudoberwaldia daphniae (Microsporidia,) Tj ETQq1 1 0.784314 rgBT /Overl... Invertebrate Pathology, 2019, 162, 43-54.	1.5	9
48	Phylogeny of Flabellulidae (Amoebozoa: Leptomyxida) inferred from SSU rDNA sequences of the type strain of Flabellula citata Schaeffer, 1926 and newly isolated strains of marine amoebae. Folia Parasitologica, 2008, 55, 256-264.	0.7	9
49	Natural occurrence of microsporidia infecting Lepidoptera in Bulgaria. Acta Parasitologica, 2017, 62, 858-869.	0.4	8
50	Molecular and structural assessment of microsporidia infecting daphnids: The "obtusa-like" microsporidia, a branch of the monophyletic Agglomeratidae clade, with the establishment of a new genus Conglomerata. Journal of Invertebrate Pathology, 2018, 159, 95-104.	1.5	8
51	The description of two new species of <i>Chloromyxum</i> from skates in the Argentine Sea reveals that a limited geographic host distribution causes phylogenetic lineage separation of myxozoans in Chondrichthyes. Parasite, 2018, 25, 47.	0.8	7
52	Sphaerospora elwhaiensis sp. n. (Myxosporea: Sphaerosporidae) from landlocked sockeye salmon Oncorhynchus nerka (Salmoniformes: Salmonidae) in Washington State, USA. Folia Parasitologica, 2011, 58, 87-94.	0.7	6
53	Myxozoan hidden diversity: the case of Myxobolus pseudodispar Gorbunova, 1936. Folia Parasitologica, 2020, 67, .	0.7	6
54	Survey of Kudoa spp. (Myxozoa, Cnidaria) in fishes from the Madeira Archipelago and the Portuguese mainland coast: detection of Kudoa thyrsites in new hosts Scomber colias and Micromesistius poutassou. Folia Parasitologica, 2021, 68, .	0.7	5

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55	The myxozoan minicollagen gene repertoire was not simplified by the parasitic lifestyle: computational identification of a novel myxozoan minicollagen gene. <i>BMC Genomics</i> , 2021, 22, 198.	1.2	4
56	Correlated evolution of fish host length and parasite spore size: a tale from myxosporeans inhabiting elasmobranchs. <i>International Journal for Parasitology</i> , 2022, 52, 97-110.	1.3	4
57	New data on the morphology of <i>Dichelyne hartwichi</i> (Nematoda, Cucullanidae), a parasite of freshwater tetraodontid fishes (<i>Tetraodon</i> spp.) in Thailand. <i>Acta Parasitologica</i> , 2011, 56, .	0.4	3