

Charles R Vossbrinck

List of Publications by Year in descending order

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59
papers

3,112
citations

218677

26
h-index

161849

54
g-index

61
all docs

61
docs citations

61
times ranked

2113
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the Largest Secretory Protein Family, Ricin B Lectin-like Protein, in <i>Nosema bombycis</i> : Insights into Microsporidian Adaptation to Host. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 551.	3.5	3
2	Envenomation by <i>Steatoda borealis</i> (Araneae: Theridiidae) in Connecticut, USA. <i>Journal of Medical Entomology</i> , 2021, 58, 2538-2539.	1.8	0
3	A formal redefinition of the genera <i>Nosema</i> and <i>Vairimorpha</i> (Microsporidia: Nosematidae) and reassignment of species based on molecular phylogenetics. <i>Journal of Invertebrate Pathology</i> , 2020, 169, 107279.	3.2	121
4	Molecular and morphological characterisation of a novel microsporidian species, <i>Tubulinosema suzukii</i> , infecting <i>Drosophila suzukii</i> (Diptera: Drosophilidae). <i>Journal of Invertebrate Pathology</i> , 2020, 174, 107440.	3.2	8
5	Genomic analysis of Asian honeybee populations in China reveals evolutionary relationships and adaptation to abiotic stress. <i>Ecology and Evolution</i> , 2020, 10, 13427-13438.	1.9	8
6	Differences in structure and hibernation mechanism highlight diversification of the microsporidian ribosome. <i>PLoS Biology</i> , 2020, 18, e3000958.	5.6	18
7	Evolutionary compaction and adaptation visualized by the structure of the dormant microsporidian ribosome. <i>Nature Microbiology</i> , 2019, 4, 1798-1804.	13.3	60
8	Evolutionary and functional studies on microsporidian ATP-binding cassettes: Insights into the adaptation of microsporidia to obligated intracellular parasitism. <i>Infection, Genetics and Evolution</i> , 2019, 68, 136-144.	2.3	19
9	Divergence of a Tandem Duplication of Manganese Superoxide Dismutase in <i>Nosema bombycis</i> . <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 93-103.	1.7	2
10	Microsporidian genus <i>Berwaldia</i> (Opisthosporidia, Microsporidia), infecting daphnids (Crustacea). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 European Journal of Protistology</i> , 2017, 61, 1-12.	1.5	12
11	<i>Olpitrichum sphaerosporum</i> : a new USA record and phylogenetic placement. <i>Mycotaxon</i> , 2016, 131, 123-133.	0.3	4
12	The Genome of <i>Nosema</i> sp. Isolate YNPr: A Comparative Analysis of Genome Evolution within the <i>Nosema/Vairimorpha</i> Clade. <i>PLoS ONE</i> , 2016, 11, e0162336.	2.5	10
13	Envenomation by <i>Trachelas tranquillus</i> (Araneae: Corrinidae) in Connecticut. <i>Journal of Medical Entomology</i> , 2014, 51, 1077-1078.	1.8	2
14	<i>Multilamina teevani</i> gen. et sp. nov., a microsporidian pathogen of the neotropical termite <i>Uncitermes teevani</i> . <i>Journal of Invertebrate Pathology</i> , 2013, 114, 100-105.	3.2	3
15	Morphological and molecular characterization of a microsporidian parasite, <i>Takaokaspora nipponicus</i> n. gen., n. sp. from the invasive rock pool mosquito, <i>Ochlerotatus japonicus japonicus</i> . <i>Journal of Invertebrate Pathology</i> , 2013, 114, 161-172.	3.2	15
16	Intraspecific polymorphism of rDNA among five <i>Nosema bombycis</i> isolates from different geographic regions in China. <i>Journal of Invertebrate Pathology</i> , 2013, 113, 63-69.	3.2	17
17	The aquarium trade: A potential risk for nonnative plant introductions in Connecticut, USA. <i>Lake and Reservoir Management</i> , 2012, 28, 200-205.	1.3	9
18	Ultrastructural characterization and comparative phylogenetic analysis of new microsporidia from Siberian mosquitoes: Evidence for coevolution and host switching. <i>Journal of Invertebrate Pathology</i> , 2012, 109, 59-75.	3.2	31

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19	Molecular markers reconstruct the invasion history of variable leaf watermilfoil (<i>Myriophyllum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.48	18
20	A Tandem Duplication of Manganese Superoxide Dismutase in <i>Nosema bombycis</i> and Its Evolutionary Origins. <i>Journal of Molecular Evolution</i> , 2010, 71, 401-414.	1.8	11
21	Some pathological effects and transmission potential of a microsporidian isolate (<i>Nosema</i> sp.) from the teak defoliator <i>Hyblaea puera</i> (Lepidoptera: Hyblaeidae). <i>International Journal of Tropical Insect Science</i> , 2010, 30, 138-144.	1.0	5
22	Occurrence of <i>Nosema oryzaephili</i> in <i>Cryptolestes ferrugineus</i> and transfer to the genus <i>Paranosema</i> . <i>Journal of Invertebrate Pathology</i> , 2010, 105, 112-115.	3.2	5
23	Phylogenetic position of <i>Octosporea muscaedomesticae</i> (Microsporidia) and its relationship to <i>Octosporea bayeri</i> based on small subunit rDNA analysis. <i>Journal of Invertebrate Pathology</i> , 2010, 105, 366-370.	3.2	6
24	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 June 2010 – 31 July 2010. <i>Molecular Ecology Resources</i> , 2010, 10, 1106-1108.	4.8	48
25	Molecular and ultrastructural characterization of <i>Andreanna caspii</i> n. gen., n. sp. (Microsporida:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.2	17
26	<i>Metarhizium microspora</i> gen. et sp. nov. associated with the elongate hemlock scale. <i>Mycologia</i> , 2008, 100, 460-466.	1.9	6
27	The phylogenetic position of <i>Ovavesicula popilliae</i> (Microsporidia) and its relationship to <i>Antonosporea</i> and <i>Paranosema</i> based on small subunit rDNA analysis. <i>Journal of Invertebrate Pathology</i> , 2007, 96, 270-273.	3.2	13
28	Host Feeding Patterns of <i>Culex</i> Mosquitoes and West Nile Virus Transmission, Northeastern United States. <i>Emerging Infectious Diseases</i> , 2006, 12, 468-474.	4.3	303
29	<i>Vairimorpha disparis</i> n. comb. (Microsporidia: Burenellidae): A Redescription and Taxonomic Revision of <i>Thelohania disparis</i> Timofejeva 1956, a Microsporidian Parasite of the Gypsy Moth <i>Lymantria dispar</i> (L.) (Lepidoptera: Lymantriidae). <i>Journal of Eukaryotic Microbiology</i> , 2006, 53, 292-304.	1.7	39
30	West Nile Virus from Female and Male Mosquitoes (Diptera: Culicidae) in Subterranean, Ground, and Canopy Habitats in Connecticut. <i>Journal of Medical Entomology</i> , 2006, 43, 1010-1019.	1.8	49
31	Molecular Phylogeny and Evolutionary Relationships Among Mosquitoes (Diptera: Culicidae) from the Northeastern United States Based on Small Subunit Ribosomal DNA (18S rDNA) Sequences. <i>Journal of Medical Entomology</i> , 2006, 43, 443-454.	1.8	29
32	Ultrastructural analysis supports transferring <i>Nosema whitei</i> Weiser 1953 to the genus <i>Paranosema</i> and creation a new combination, <i>Paranosema whitei</i> . <i>Journal of Invertebrate Pathology</i> , 2005, 90, 122-126.	3.2	34
33	Physiological host specificity: A model using the European corn borer, <i>Ostrinia nubilalis</i> (Hübner) (Lepidoptera: Crambidae) and microsporidia of row crop and other stalk-boring hosts. <i>Journal of Invertebrate Pathology</i> , 2005, 90, 127-130.	3.2	18
34	Molecular phylogeny of the Microsporidia: ecological, ultrastructural and taxonomic considerations. <i>Folia Parasitologica</i> , 2005, 52, 131-142.	1.3	247
35	Molecular Phylogeny and Evolution of Mosquito Parasitic Microsporidia (Microsporidia:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.7	73
36	Correction for genus <i>Bryonosema</i> (Microsporidia, Pseudonosematidae). <i>European Journal of Protistology</i> , 2004, 40, 69.	1.5	1

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37	Occurrence of <i>Cystosporogenes</i> sp. (Protozoa, Microsporidia) in a multi-species insect production facility and its elimination from a colony of the eastern spruce budworm, <i>Choristoneura fumiferana</i> (Clem.) (Lepidoptera: Tortricidae). <i>Journal of Invertebrate Pathology</i> , 2004, 87, 16-28.	3.2	32
38	Morphological and molecular investigations of a microsporidium infecting the European grape vine moth, <i>Lobesia botrana</i> Den. et Schiff., and its taxonomic determination as <i>Cystosporogenes legeri</i> nov. comb.. <i>Journal of Invertebrate Pathology</i> , 2003, 83, 240-248.	3.2	12
39	Transstadial Transfer of West Nile Virus by Three Species of Ixodid Ticks (Acari: Ixodidae): Table 1. <i>Journal of Medical Entomology</i> , 2003, 40, 528-533.	1.8	44
40	New diplokaryotic microsporidia (Phylum Microsporidia) from freshwater bryozoans (Bryozoa,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62.	1.5	48
41	Life Cycle, infrastructure and Molecular Phylogeny of <i>Hyalinocysta chapmani</i> (Microsporidia+Thelohaniidae), a parasite of <i>Culiseta melanura</i> (Diptera+Culicidae) and <i>Orthocyclops modestus</i> (Copepoda+Cyclopidae). <i>Journal of Eukaryotic Microbiology</i> , 2002, 49, 350-364.	1.7	36
42	Impact of a North American Isolate of the Microsporidium <i>Nosema carpocapsae</i> on a Laboratory Population of the Codling Moth, <i>Cydia pomonella</i> . <i>Journal of Invertebrate Pathology</i> , 2001, 78, 244-250.	3.2	5
43	Characterization of West Nile Virus from Five Species of Mosquitoes, Nine Species of Birds, and One Mammal. <i>Annals of the New York Academy of Sciences</i> , 2001, 951, 328-331.	3.8	11
44	Isolation of West Nile Virus from Mosquitoes, Crows, and a Cooper's Hawk in Connecticut. <i>Science</i> , 1999, 286, 2331-2333.	12.6	310
45	Verification of Intermediate Hosts in the Life Cycles of Microsporidia by Small Subunit rDNA Sequencing. <i>Journal of Eukaryotic Microbiology</i> , 1998, 45, 290-292.	1.7	27
46	Phylogeny of <i>Amblyospora</i> (Microsporida: Amblyosporidae) and Related Genera Based on Small Subunit Ribosomal DNA Data: A Possible Example of Host Parasite Cospeciation. <i>Journal of Invertebrate Pathology</i> , 1998, 71, 199-206.	3.2	47
47	Microsporidiosis: Molecular and Diagnostic Aspects. <i>Advances in Parasitology</i> , 1998, 40, 351-395.	3.2	123
48	Phylogenetic Position of <i>Amblyospora</i> Hazard & Oldacre (Microsporida: Amblyosporidae) Based on Small Subunit rRNA Data and Its Implication for the Evolution of the Microsporidia. <i>Journal of Eukaryotic Microbiology</i> , 1997, 44, 220-225.	1.7	52
49	A mitochondrial Hsp70 orthologue in <i>Vairimorpha necatrix</i> : molecular evidence that microsporidia once contained mitochondria. <i>Current Biology</i> , 1997, 7, 995-998.	3.9	195
50	Characterization of <i>Encephalitozoon (Septata) intestinalis</i> Isolates Cultured from Nasal Mucosa and Bronchoalveolar Lavage Fluids of Two AIDS Patients. <i>Journal of Eukaryotic Microbiology</i> , 1996, 43, 34-43.	1.7	109
51	Comparative rDNA Analysis of Microsporidia including AIDS Related Species. <i>Journal of Eukaryotic Microbiology</i> , 1996, 43, 110S-110S.	1.7	6
52	Small Subunit Ribosomal DNA Phylogeny of Various Microsporidia with Emphasis on AIDS Related Forms. <i>Journal of Eukaryotic Microbiology</i> , 1995, 42, 564-570.	1.7	194
53	Phylogenetic Relationships among <i>Vairimorpha</i> and <i>Nosema</i> Species (Microsporida) Based on Ribosomal RNA Sequence Data. <i>Journal of Invertebrate Pathology</i> , 1994, 64, 100-106.	3.2	151
54	Ribosomal Dna Sequences of <i>Encephalitozoon hellem</i> and <i>Encephalitozoon cuniculi</i> : Species Identification and Phylogenetic Construction. <i>Journal of Eukaryotic Microbiology</i> , 1993, 40, 354-362.	1.7	203

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55	Characterization of hemoglobin from the backswimmer <i>Buenoa margaritacea</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5) Biology, 1993, 23, 421-429.	2.7	2
56	Degradation of alachlor in chironomid larvae (Diptera: Chironomidae). Journal of Agricultural and Food Chemistry, 1992, 40, 1695-1699.	5.2	11
57	Spectroscopic studies of an insect hemoglobin from the backswimmer <i>Buenoa margaritacea</i> (hemiptera: notonectidae). Biochemical and Biophysical Research Communications, 1992, 187, 570-576.	2.1	5
58	A 28s ribosomal RNA phylogeny of certain cyclorrhaphous Diptera based upon a hypervariable region. Systematic Entomology, 1989, 14, 417-431.	3.9	45
59	Eukaryotic ribosomes that lack a 5.8S RNA. Nature, 1986, 320, 287-288.	27.8	180