Charles R Vossbrinck

List of Publications by Year
in descending order

59	3,112	218677	161849
papers	citations	26 h-index	54 g-index

61	61	61	2113
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isolation of West Nile Virus from Mosquitoes, Crows, and a Cooper's Hawk in Connecticut. Science, 1999, 286, 2331-2333.	12.6	310
2	Host Feeding Patterns ofCulexMosquitoes and West Nile Virus Transmission, Northeastern United States. Emerging Infectious Diseases, 2006, 12, 468-474.	4.3	303
3	Molecular phylogeny of the Microsporidia: ecological, ultrastructural and taxonomic considerations. Folia Parasitologica, 2005, 52, 131-142.	1.3	247
4	Ribosomal Dna Sequences of Encephalitozoon Hellem and Encephalitozoon Cuniculi: Species Identification and Phylogenetic Construction. Journal of Eukaryotic Microbiology, 1993, 40, 354-362.	1.7	203
5	A mitochondrial Hsp70 orthologue in Vairimorpha necatrix : molecular evidence that microsporidia once contained mitochondria. Current Biology, 1997, 7, 995-998.	3.9	195
6	Small Subunit Ribosomal DNA Phylogeny of Various Microsporidia with Emphasis on AIDS Related Forms. Journal of Eukaryotic Microbiology, 1995, 42, 564-570.	1.7	194
7	Eukaryotic ribosomes that lack a 5.8S RNA. Nature, 1986, 320, 287-288.	27.8	180
8	Phylogenetic Relationships among Vairimorpha and Nosema Species (Microspora) Based on Ribosomal RNA Sequence Data. Journal of Invertebrate Pathology, 1994, 64, 100-106.	3.2	151
9	Microsporidiosis: Molecular and Diagnostic Aspects. Advances in Parasitology, 1998, 40, 351-395.	3.2	123
10	A formal redefinition of the genera Nosema and Vairimorpha (Microsporidia: Nosematidae) and reassignment of species based on molecular phylogenetics. Journal of Invertebrate Pathology, 2020, 169, 107279.	3.2	121
11	Characterization of Encephalitozoon (Septata) intestinalis Isolates Cultured from Nasal Mucosa and Bronchoalveolar Lavage Fluids of Two AIDS Patients. Journal of Eukaryotic Microbiology, 1996, 43, 34-43.	1.7	109
12	Molecular Phytogeny and Evolution of Mosquito Parasitic Microsporidia (Microsporidia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (A	1.7	73
13	Evolutionary compaction and adaptation visualized by the structure of the dormant microsporidian ribosome. Nature Microbiology, 2019, 4, 1798-1804.	13.3	60
14	Phylogenetic Position of Amblyospora Hazard & Oldacre (Microspora: Amblyosporidae) Based on Small Subunit rRNA Data and Its Implication for the Evolution of the Microsporidia. Journal of Eukaryotic Microbiology, 1997, 44, 220-225.	1.7	52
15	West Nile Virus from Female and Male Mosquitoes (Diptera: Culicidae) in Subterranean, Ground, and Canopy Habitats in Connecticut. Journal of Medical Entomology, 2006, 43, 1010-1019.	1.8	49
16	New diplokaryotic microsporidia (Phylum Microsporidia) from freshwater bryozoans (Bryozoa,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.5	48
17	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 June 2010 â€“ 31 July 2010. Molecular Ecology Resources, 2010, 10, 1106-1108.	4.8	48
18	Phylogeny ofAmblyospora(Microsporida: Amblyosporidae) and Related Genera Based on Small Subunit Ribosomal DNA Data: A Possible Example of Host Parasite Cospeciation. Journal of Invertebrate Pathology, 1998, 71, 199-206.	3.2	47

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19	A 28s ribosomal RNA phylogeny of certain cyclorrhaphous Diptera based upon a hypervariable region. Systematic Entomology, 1989, 14, 417-431.	3.9	45
20	Transstadial Transfer of West Nile Virus by Three Species of Ixodid Ticks (Acari: Ixodidae): Table 1. Journal of Medical Entomology, 2003, 40, 528-533.	1.8	44
21	Vairimorpha disparis n. comb. (Microsporidia: Burenellidae): A Redescription and Taxonomic Revision of Thelohania disparis Timofejeva 1956, a Microsporidian Parasite of the Gypsy Moth Lymantria dispar (L.) (Lepidoptera: Lymantriidae). Journal of Eukaryotic Microbiology, 2006, 53, 292-304.	1.7	39
22	Life Cycle, infrastructure and Molecular Phylogeny of Hyalinocysta chapmani (Microsporidia+Thelohaniidae), a parasite of Culiseta melanura (Diptera+Culicidae) and Orthocyclops modestus (Copepoda+Cyclopidae). Journal of Eukaryotic Microbiology, 2002, 49, 350-364.	1.7	36
23	Ultrastructural analysis supports transferring Nosema whitei Weiser 1953 to the genus Paranosema and creation a new combination, Paranosema whitei. Journal of Invertebrate Pathology, 2005, 90, 122-126.	3.2	34
24	Occurrence of Cystosporogenes sp. (Protozoa, Microsporidia) in a multi-species insect production facility and its elimination from a colony of the eastern spruce budworm, Choristoneura fumiferana (Clem.) (Lepidoptera: Tortricidae). Journal of Invertebrate Pathology, 2004, 87, 16-28.	3.2	32
25	Ultrastructural characterization and comparative phylogenetic analysis of new microsporidia from Siberian mosquitoes: Evidence for coevolution and host switching. Journal of Invertebrate Pathology, 2012, 109, 59-75.	3.2	31
26	Molecular Phylogeny and Evolutionary Relationships Among Mosquitoes (Diptera: Culicidae) from the Northeastern United States Based on Small Subunit Ribosomal DNA (18S rDNA) Sequences. Journal of Medical Entomology, 2006, 43, 443-454.	1.8	29
27	Verification of Intermediate Hosts in the Life Cycles of Microsporidia by Small Subunit rDNA Sequencing. Journal of Eukaryotic Microbiology, 1998, 45, 290-292.	1.7	27
28	Evolutionary and functional studies on microsporidian ATP-binding cassettes: Insights into the adaptation of microsporidia to obligated intracellular parasitism. Infection, Genetics and Evolution, 2019, 68, 136-144.	2.3	19
29	Physiological host specificity: A model using the European corn borer, Ostrinia nubilalis (HÃ¼bner) (Lepidoptera: Crambidae) and microsporidia of row crop and other stalk-boring hosts. Journal of Invertebrate Pathology, 2005, 90, 127-130.	3.2	18
30	Molecular markers reconstruct the invasion history of variable leaf watermilfoil (Myriophyllum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	2.4	18
31	Differences in structure and hibernation mechanism highlight diversification of the microsporidian ribosome. PLoS Biology, 2020, 18, e3000958.	5.6	18
32	Molecular and ultrastructural characterization of Andreanna caspii n. gen., n. sp. (Microsporida:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Pathology, 2008, 99, 302-311.	3.2	17
33	Intraspecific polymorphism of rDNA among five Nosema bombycis isolates from different geographic regions in China. Journal of Invertebrate Pathology, 2013, 113, 63-69.	3.2	17
34	Morphological and molecular characterization of a microsporidian parasite, Takaokaspora nipponicus n. gen., n. sp. from the invasive rock pool mosquito, Ochlerotatus japonicus japonicus. Journal of Invertebrate Pathology, 2013, 114, 161-172.	3.2	15
35	The phylogenetic position of Ovavesicula popilliae (Microsporidia) and its relationship to Antonospora and Paranosema based on small subunit rDNA analysis. Journal of Invertebrate Pathology, 2007, 96, 270-273.	3.2	13
36	Morphological and molecular investigations of a microsporidium infecting the European grape vine moth, Lobesia botrana Den. et Schiff., and its taxonomic determination as Cystosporogenes legeri nov. comb.. Journal of Invertebrate Pathology, 2003, 83, 240-248.	3.2	12

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37	Microsporidian genus Berwaldia (Opisthosporidia, Microsporidia), infecting daphnids (Crustacea,) Tj ETQq1 1 0.784314 rgBT /Overloc European Journal of Protistology, 2017, 61, 1-12.	1.5	12
38	Degradation of alachlor in chironomid larvae (Diptera: Chironomidae). Journal of Agricultural and Food Chemistry, 1992, 40, 1695-1699.	5.2	11
39	Characterization of West Nile Virus from Five Species of Mosquitoes, Nine Species of Birds, and One Mammal. Annals of the New York Academy of Sciences, 2001, 951, 328-331.	3.8	11
40	A Tandem Duplication of Manganese Superoxide Dismutase in Nosema bombycis and Its Evolutionary Origins. Journal of Molecular Evolution, 2010, 71, 401-414.	1.8	11
41	The Genome of Nosema sp. Isolate YNPr: A Comparative Analysis of Genome Evolution within the Nosema/Vairimorpha Clade. PLoS ONE, 2016, 11, e0162336.	2.5	10
42	The aquarium trade: A potential risk for nonnative plant introductions in Connecticut, USA. Lake and Reservoir Management, 2012, 28, 200-205.	1.3	9
43	Molecular and morphological characterisation of a novel microsporidian species, Tubulinosema suzukii, infecting Drosophila suzukii (Diptera: Drosophilidae). Journal of Invertebrate Pathology, 2020, 174, 107440.	3.2	8
44	Genomic analysis of Asian honeybee populations in China reveals evolutionary relationships and adaptation to abiotic stress. Ecology and Evolution, 2020, 10, 13427-13438.	1.9	8
45	Comparative rDNA Analysis of Microsporidia including AIDS Related Species. Journal of Eukaryotic Microbiology, 1996, 43, 110S-110S.	1.7	6
46	Metarhiziopsis microspora gen. et sp. nov. associated with the elongate hemlock scale. Mycologia, 2008, 100, 460-466.	1.9	6
47	Phylogenetic position of Octosporea muscaedomesticae (Microsporidia) and its relationship to Octosporea bayeri based on small subunit rDNA analysis. Journal of Invertebrate Pathology, 2010, 105, 366-370.	3.2	6
48	Spectrosopic studies of an insect hemoglobin from the backswimmer Buenoa margaritacea (hemiptera:notonectidae). Biochemical and Biophysical Research Communications, 1992, 187, 570-576.	2.1	5
49	Impact of a North American Isolate of the Microsporidium Nosema carpocapsae on a Laboratory Population of the Codling Moth, Cydia pomonella. Journal of Invertebrate Pathology, 2001, 78, 244-250.	3.2	5
50	Some pathological effects and transmission potential of a microsporidian isolate (Nosema sp.) from the teak defoliator Hyblaea puera (Lepidoptera: Hyblaeidae). International Journal of Tropical Insect Science, 2010, 30, 138-144.	1.0	5
51	Occurrence of Nosema oryzaephili in Cryptolestes ferrugineus and transfer to the genus Paranosema. Journal of Invertebrate Pathology, 2010, 105, 112-115.	3.2	5
52	Olpitrichum sphaerosporum: a new USA record and phylogenetic placement. Mycotaxon, 2016, 131, 123-133.	0.3	4
53	Multilamina teevani gen. et sp. nov., a microsporidian pathogen of the neotropical termite Uncitermes teevani. Journal of Invertebrate Pathology, 2013, 114, 100-105.	3.2	3
54	Characterization of the Largest Secretory Protein Family, Ricin B Lectin-like Protein, in Nosema bombycis: Insights into Microsporidian Adaptation to Host. Journal of Fungi (Basel, Switzerland), 2022, 8, 551.	3.5	3

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55	Characterization of hemoglobin from the backswimmer Buenoa margaritacea (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Biology, 1993, 23, 421-429.	2.7	2
56	Envenomation by <I>Trachelas tranquillus</I> (Araneae: Corrinidae) in Connecticut. Journal of Medical Entomology, 2014, 51, 1077-1078.	1.8	2
57	Divergence of a Tandem Duplication of Manganese Superoxide Dismutase in Nosema bombycis. Journal of Eukaryotic Microbiology, 2018, 65, 93-103.	1.7	2
58	Correction for genus Bryonosema (Microsporidia, Pseudonosematidae). European Journal of Protistology, 2004, 40, 69.	1.5	1
59	Envenomation by Steatoda borealis (Araneae: Theridiidae) in Connecticut, USA. Journal of Medical Entomology, 2021, 58, 2538-2539.	1.8	0