

Elizabeth S Didier

List of Publications by Year in descending order

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85
papers

4,957
citations

117625

34
h-index

98798

67
g-index

92
all docs

92
docs citations

92
times ranked

4052
citing authors

#	ARTICLE	IF	CITATIONS
1	Microsporidiosis: An emerging and opportunistic infection in humans and animals. <i>Acta Tropica</i> , 2005, 94, 61-76.	2.0	336
2	Microsporidiosis: current status. <i>Current Opinion in Infectious Diseases</i> , 2006, 19, 485-492.	3.1	327
3	Isolation and Characterization of a New Human Microsporidian, <i>Encephalitozoon hellem</i> (n. sp.), from Three AIDS Patients with Keratoconjunctivitis. <i>Journal of Infectious Diseases</i> , 1991, 163, 617-621.	4.0	280
4	Microsporidiosis. <i>Current Opinion in Infectious Diseases</i> , 2011, 24, 490-495.	3.1	280
5	Microsporidian genome analysis reveals evolutionary strategies for obligate intracellular growth. <i>Genome Research</i> , 2012, 22, 2478-2488.	5.5	235
6	Microsporidia – Emergent Pathogens in the Global Food Chain. <i>Trends in Parasitology</i> , 2016, 32, 336-348.	3.3	221
7	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
8	The complete sequence of the smallest known nuclear genome from the microsporidian <i>Encephalitozoon intestinalis</i> . <i>Nature Communications</i> , 2010, 1, 77.	12.8	198
9	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
10	In Vivo Characterization of Alveolar and Interstitial Lung Macrophages in Rhesus Macaques: Implications for Understanding Lung Disease in Humans. <i>Journal of Immunology</i> , 2014, 192, 2821-2829.	0.8	165
11	Microsporidiosis in mammals. <i>Microbes and Infection</i> , 2000, 2, 709-720.	1.9	114
12	Infectious Agent and Immune Response Characteristics of Chronic Enterocolitis in Captive Rhesus Macaques. <i>Infection and Immunity</i> , 2003, 71, 4079-4086.	2.2	113
13	Biology of Microsporidian Species Infecting Mammals. <i>Advances in Parasitology</i> , 1998, 40, 283-320.	3.2	112
14	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
15	Resolution of Microsporidian Epithelial Keratopathy in a Patient with AIDS. <i>Ophthalmology</i> , 1991, 98, 196-201.	5.2	106
16	Therapeutic strategies for human microsporidia infections. <i>Expert Review of Anti-Infective Therapy</i> , 2005, 3, 419-434.	4.4	89
17	Extreme Longevity Is Associated With Increased Resistance to Oxidative Stress in <i>Arctica islandica</i> , the Longest-Living Non-Colonial Animal. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 741-750.	3.6	89
18	Microsporidian Infection Is Prevalent in Healthy People in Cameroon. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2841-2846.	3.9	83

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19	Microsporidiosis. <i>Clinical Infectious Diseases</i> , 1998, 27, 1-5.	5.8	72
20	Fine Structure of a New Human Microsporidian, <i>Encephalitozoon hellem</i> , in Culture. <i>Journal of Protozoology</i> , 1991, 38, 502-507.	0.8	69
21	Antimicrosporidial Activities of Fumagillin, TNP-470, Ovalicin, and Ovalicin Derivatives In Vitro and In Vivo. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2146-2155.	3.2	63
22	Emerging Microsporidian Infections in Russian HIV-Infected Patients. <i>Journal of Clinical Microbiology</i> , 2011, 49, 2102-2108.	3.9	63
23	Contributions of Nonhuman Primates to Research on Aging. <i>Veterinary Pathology</i> , 2016, 53, 277-290.	1.7	62
24	Reactive nitrogen intermediates implicated in the inhibition of <i>Encephalitozoon cuniculi</i> (phylum microspora) replication in murine peritoneal macrophages. <i>Parasite Immunology</i> , 1995, 17, 405-412.	1.5	60
25	Genotyping <i>Encephalitozoon cuniculi</i> by Multilocus Analyses of Genes with Repetitive Sequences. <i>Journal of Clinical Microbiology</i> , 2001, 39, 2248-2253.	3.9	60
26	<i>Encephalitozoon cuniculi</i> Strain III Is a Cause of Encephalitozoonosis in Both Humans and Dogs. <i>Journal of Infectious Diseases</i> , 1999, 180, 2086-2088.	4.0	58
27	Fatal Pulmonary Microsporidiosis Due to <i>Encephalitozoon cuniculi</i> Following Allogeneic Bone Marrow Transplantation for Acute Myelogenous Leukemia. <i>Ultrastructural Pathology</i> , 2005, 29, 269-276.	0.9	57
28	Microsporidial Keratoconjunctivitis Caused by <i>Septata intestinalis</i> in a Patient With Acquired Immunodeficiency Syndrome. <i>American Journal of Ophthalmology</i> , 1996, 121, 715-717.	3.3	50
29	Differentiation Kinetics of Blood Monocytes and Dendritic Cells in Macaques: Insights to Understanding Human Myeloid Cell Development. <i>Journal of Immunology</i> , 2015, 195, 1774-1781.	0.8	50
30	Pulmonary infection with microsporidia after allogeneic bone marrow transplantation. <i>Bone Marrow Transplantation</i> , 2004, 33, 299-302.	2.4	47
31	Immune correlates of aging in outdoor-housed captive rhesus macaques (<i>Macaca mulatta</i>). <i>Immunity and Ageing</i> , 2012, 9, 25.	4.2	46
32	Genotyping <i>Encephalitozoon hellem</i> Isolates by Analysis of the Polar Tube Protein Gene. <i>Journal of Clinical Microbiology</i> , 2001, 39, 2191-2196.	3.9	44
33	High Turnover of Tissue Macrophages Contributes to Tuberculosis Reactivation in Simian Immunodeficiency Virus-Infected Rhesus Macaques. <i>Journal of Infectious Diseases</i> , 2018, 217, 1865-1874.	4.0	44
34	Transcriptome analysis of the parasite <i>Encephalitozoon cuniculi</i> : an in-depth examination of pre-mRNA splicing in a reduced eukaryote. <i>BMC Genomics</i> , 2013, 14, 207.	2.8	43
35	Sequence Survey of the Genome of the Opportunistic Microsporidian Pathogen, <i>Vittaforma corneae</i> . <i>Journal of Eukaryotic Microbiology</i> , 2002, 49, 393-401.	1.7	39
36	Increased monocyte turnover is associated with interstitial macrophage accumulation and pulmonary tissue damage in SIV-infected rhesus macaques. <i>Journal of Leukocyte Biology</i> , 2015, 97, 1147-1153.	3.3	38

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37	Five-Antigen Fluorescent Bead-Based Assay for Diagnosis of Lyme Disease. <i>Vaccine Journal</i> , 2016, 23, 294-303.	3.1	36
38	Disseminated Encephalitozoonosis in Captive, Juvenile, Cotton-top (<i>Saguinus oedipus</i>) and Neonatal Emperor (<i>Saguinus imperator</i>) Tamarins in North America. <i>Veterinary Pathology</i> , 2006, 43, 438-446.	1.7	34
39	Role of Monocyte/Macrophages during HIV/SIV Infection in Adult and Pediatric Acquired Immune Deficiency Syndrome. <i>Frontiers in Immunology</i> , 2017, 8, 1693.	4.8	34
40	Testing Predictions of the Oxidative Stress Hypothesis of Aging Using a Novel Invertebrate Model of Longevity: The Giant Clam (<i>Tridacna Derasa</i>). <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 359-367.	3.6	32
41	Specific pathogen free macaque colonies: a review of principles and recent advances for viral testing and colony management. <i>Journal of Medical Primatology</i> , 2016, 45, 55-78.	0.6	30
42	Preferential Destruction of Interstitial Macrophages over Alveolar Macrophages as a Cause of Pulmonary Disease in Simian Immunodeficiency Virus-Infected Rhesus Macaques. <i>Journal of Immunology</i> , 2015, 195, 4884-4891.	0.8	29
43	The Adjuvanticity of an <i>O. volvulus</i> -Derived rOv-ASP-1 Protein in Mice Using Sequential Vaccinations and in Non-Human Primates. <i>PLoS ONE</i> , 2012, 7, e37019.	2.5	28
44	Natural History of Intestinal Microsporidiosis among Patients Infected with Human Immunodeficiency Virus. <i>Journal of Clinical Microbiology</i> , 1999, 37, 3421-3422.	3.9	26
45	Antimicrosporidial activity of (fluoro)quinolones in vitro and in vivo. <i>Folia Parasitologica</i> , 2005, 52, 173-181.	1.3	26
46	Reactive nitrogen and oxygen species, and iron sequestration contribute to macrophage-mediated control of <i>Encephalitozoon cuniculi</i> (Phylum Microsporidia) infection in vitro and in vivo. <i>Microbes and Infection</i> , 2010, 12, 1244-1251.	1.9	25
47	Natural and experimental infection of immunocompromised rhesus macaques (<i>Macaca mulatta</i>) with the microsporidian <i>Enterocytozoon bienersi</i> genotype D. <i>Microbes and Infection</i> , 2004, 6, 996-1002.	1.9	23
48	Optimization of PCR for quantification of simian immunodeficiency virus genomic RNA in plasma of rhesus macaques (<i>Macaca mulatta</i>) using armored RNA. <i>Journal of Medical Primatology</i> , 2014, 43, 31-43.	0.6	23
49	Microsporidiosis and HIV. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2000, 24, 290-292.	2.1	21
50	Purification of <i>Enterocytozoon bienersi</i> from Stools and Production of Specific Antibodies. <i>Journal of Clinical Microbiology</i> , 2005, 43, 387-392.	3.9	21
51	Increased cellular immune responses and CD4+ T-cell proliferation correlate with reduced plasma viral load in SIV challenged recombinant simian varicella virus - simian immunodeficiency virus (rSVV-SIV) vaccinated rhesus macaques. <i>Virology Journal</i> , 2012, 9, 160.	3.4	21
52	Inflammaging phenotype in rhesus macaques is associated with a decline in epithelial barrier-protective functions and increased pro-inflammatory function in CD161-expressing cells. <i>GeroScience</i> , 2019, 41, 739-757.	4.6	21
53	Microsporidiosis and HIV. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2000, 24, 290-292.	2.1	18
54	Host-Parasite Relationships in Microsporidiosis: Animal Models and Immunology. , 0, , 225-257.		18

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55	Rapid Turnover and High Production Rate of Myeloid Cells in Adult Rhesus Macaques with Compensations during Aging. <i>Journal of Immunology</i> , 2018, 200, 4059-4067.	0.8	17
56	Fractionation of Sporogonial Stages of the Microsporidian <i>Encephalitozoon cuniculi</i> by Percoll® Gradients. <i>Journal of Eukaryotic Microbiology</i> , 1999, 46, 434-438.	1.7	16
57	Disseminated Microsporidiosis due to <i>Encephalitozoon hellem</i> in an Egyptian Fruit Bat (<i>Rousettus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 0.4 16		
58	Renal <i>Encephalitozoon (Septata) intestinalis</i> infection in a patient with AIDS. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1998, 432, 535-539.	2.8	15
59	Macrophage Cell Line B6MP102 Resembles Peritoneal Macrophages in Tumor Cell Recognition and Killing. <i>Journal of Leukocyte Biology</i> , 1988, 43, 28-35.	3.3	14
60	Critical Role for Monocytes/Macrophages in Rapid Progression to AIDS in Pediatric Simian Immunodeficiency Virus-Infected Rhesus Macaques. <i>Journal of Virology</i> , 2017, 91, .	3.4	14
61	Workup of Gastrointestinal Microsporidiosis. <i>Digestive Diseases</i> , 1997, 15, 330-345.	1.9	12
62	Shifting Dynamics of Intestinal Macrophages during Simian Immunodeficiency Virus Infection in Adult Rhesus Macaques. <i>Journal of Immunology</i> , 2019, 202, 2682-2689.	0.8	12
63	A subtype of cerebrovascular pericytes is associated with blood-brain barrier disruption that develops during normal aging and simian immunodeficiency virus infection. <i>Neurobiology of Aging</i> , 2020, 96, 128-136.	3.1	10
64	Fast Technology Analysis Enables Identification of Species and Genotypes of Latent Microsporidia Infections in Healthy Native Cameroonians. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 146-152.	1.7	9
65	Methionine Aminopeptidase 2 Expression in Microsporidia. <i>Journal of Eukaryotic Microbiology</i> , 2003, 50, 569-571.	1.7	8
66	Characterization of heart macrophages in rhesus macaques as a model to study cardiovascular disease in humans. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1241-1255.	3.3	8
67	<i>Encephalitozoon cuniculi</i> and <i>Vittaforma corneae</i> (Phylum Microsporidia) inhibit staurosporine-induced apoptosis in human THP-1 macrophages <i>in vitro</i> . <i>Parasitology</i> , 2019, 146, 569-579.	1.5	8
68	Clinical and Immunological Metrics During Pediatric Rhesus Macaque Development. <i>Frontiers in Pediatrics</i> , 2020, 8, 388.	1.9	8
69	5 Microsporidia. , 2014, , 115-140.		7
70	Comparison of predictors for terminal disease progression in simian immunodeficiency virus/simian-HIV-infected rhesus macaques. <i>Aids</i> , 2021, 35, 1021-1029.	2.2	7
71	Identification of <i>Encephalitozoon intestinalis</i> Proteins that Induce Proliferation of Sensitized Murine Spleen Cells. <i>Journal of Eukaryotic Microbiology</i> , 1996, 43, 92S-92S.	1.7	6
72	Comparative rDNA Analysis of Microsporidia including AIDS Related Species. <i>Journal of Eukaryotic Microbiology</i> , 1996, 43, 110S-110S.	1.7	6

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73	Genotyping Encephalitozoon Parasites Using Multilocus Analyses of Genes with Repetitive Sequences. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 63s-65s.	1.7	6
74	The 12th International Workshops on Opportunistic Protists (<scp>IWOP</scp>â€12). <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 298-308.	1.7	6
75	Microsporidal Keratoconjunctivitis. <i>American Journal of Ophthalmology</i> , 1993, 116, 380-381.	3.3	5
76	Insights into the Immune Responses to Microsporidia. , 2004, , 135-157.		5
77	Characterization of two highly phosphorylated cytoskeleton-associated proteins, pp58 and pp60, in tumoricidal murine peritoneal macrophages and their comparison with vimentin. <i>Molecular Immunology</i> , 1988, 25, 785-794.	2.2	4
78	Phylogenetic relationships of methionine aminopeptidase 2 among Encephalitozoon species and genotypes of microsporidia. <i>Molecular and Biochemical Parasitology</i> , 2005, 140, 141-152.	1.1	4
79	Development of a Geropathology Grading Platform for nonhuman primates. <i>Aging Pathobiology and Therapeutics</i> , 2020, 2, 16-19.	0.5	4
80	Encephalitozoon cuniculi Infection in Mice with the Chronic Granulomatous Disease (CGD) Disorder. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 79s-80s.	1.7	3
81	In Vitro and In Vivo Evaluation of Aminopeptidase Inhibitors as Antimicrosporidial Therapies. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 95s-98s.	1.7	3
82	Hydrocephalus after Intrathecal Administration of Dextran to Rhesus Macaques (<i>Macaca mulatta</i>). <i>Comparative Medicine</i> , 2018, 68, 227-232.	1.0	3
83	Encephalitozoon cuniculiâ€Associated Equine Encephalitis: A Case Report. <i>Journal of Equine Veterinary Science</i> , 2014, 34, 1348-1351.	0.9	2
84	Declining neutrophil production despite increasing G-CSF levels is associated with chronic inflammation in elderly rhesus macaques. <i>Journal of Leukocyte Biology</i> , 2021, 109, 1033-1043.	3.3	2
85	Macrophages and HIV/AIDS Pathogenesis: Lessons from the Rhesus Macaque Model. , 0, , .		0