Benjamin M Rosenthal

List of Publications by Year in descending order

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109 papers 4,298 citations

126708 33 h-index 62 g-index

113 all docs

 $\begin{array}{c} 113 \\ \text{docs citations} \end{array}$

113 times ranked 3941 citing authors

#	Article	IF	CITATIONS
1	Trich-tracker – a practical tool to trace Trichinella spiralis transmission based on rapid, cost-effective sampling of genome-wide genetic variation. International Journal for Parasitology, 2022, 52, 145-155.	1.3	4
2	Comparison of in vitro transformation efficiency methods for Plasmodium falciparum. Molecular and Biochemical Parasitology, 2022, 247, 111432.	0.5	1
3	Life Cycle and Transmission of Cyclospora cayetanensis: Knowns and Unknowns. Microorganisms, 2022, 10, 118.	1.6	7
4	Divergence at mitochondrial and ribosomal loci indicates the split between Asian and European populations of Trichinella spiralis occurred prior to swine domestication. Infection, Genetics and Evolution, 2021, 88, 104705.	1.0	5
5	High prevalence, intensity, and genetic diversity of Trichinella spp. in wolverine (Gulo gulo) from Yukon, Canada. Parasites and Vectors, 2021, 14, 146.	1.0	9
6	Zoonotic Sarcocystis. Research in Veterinary Science, 2021, 136, 151-157.	0.9	33
7	Polymorphism of Antifolate Drug Resistance in Plasmodium vivax From Local Residents and Migrant Workers Returned From the China-Myanmar Border. Frontiers in Cellular and Infection Microbiology, 2021, 11, 683423.	1.8	2
8	Genetic evidence substantiates transmission of Trichinella spiralis from one swine farm to another. Parasites and Vectors, 2021, 14, 359.	1.0	4
9	A review of testing and assurance methods for Trichinella surveillance programs. Food and Waterborne Parasitology, 2021, 24, e00129.	1.1	8
10	Dynamically expressed genes provide candidate viability biomarkers in a model coccidian. PLoS ONE, 2021, 16, e0258157.	1.1	5
11	Infection, genetics, and evolution of Trichinella: Historical insights and applications to molecular epidemiology. Infection, Genetics and Evolution, 2021, 95, 105080.	1.0	0
12	The genetics of Trichinella populations: a study in contrasts. , 2021, , 25-34.		0
13	Sarcocystosis. , 2020, , 821-824.		2
14	Widespread resistance mutations to sulfadoxine-pyrimethamine in malaria parasites imported to China from Central and Western Africa. International Journal for Parasitology: Drugs and Drug Resistance, 2020, 12, 1-6.	1.4	18
15	SARS-CoV-2 and COVID-19: A genetic, epidemiological, and evolutionary perspective. Infection, Genetics and Evolution, 2020, 84, 104384.	1.0	115
16	Sensitive, quantitative detection of Besnoitia darlingi and related parasites in intermediate hosts and to assess felids as definitive hosts for known and as-yet undescribed related parasite species. International Journal for Parasitology: Parasites and Wildlife, 2020, 11, 114-119.	0.6	6
17	Hiding in plain sight: discovery and phylogeography of a cryptic species of Trichinella (Nematoda:) Tj ETQq $1\ 1\ 0.7$	'84314 rgl 1.3	3T/Overlock
18	Assessing the evolutionary persistence of ecological relationships: A review and preview. Infection, Genetics and Evolution, 2020, 84, 104441.	1.0	4

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19	Sarcocystis cymruensis: discovery in Western Hemisphere in the Brown rat (Rattus norvegicus) from Grenada, West Indies: redescription, molecular characterization, and transmission to IFN-I ³ gene knockout mice via sporocysts from experimentally infected domestic cat (Felis catus). Parasitology Research, 2018, 117, 1195-1204.	0.6	10
20	Morphological and molecular characteristics of Sarcocystis bertrami from horses and donkeys in China. Veterinary Parasitology, 2018, 252, 89-94.	0.7	8
21	A partition of Toxoplasma gondii genotypes across spatial gradients and among host species, and decreased parasite diversity towards areas of human settlement in North America. International Journal for Parasitology, 2018, 48, 611-619.	1.3	42
22	Comparative demography elucidates the longevity of parasitic and symbiotic relationships. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181032.	1.2	14
23	Human impact on the diversity and virulence of the ubiquitous zoonotic parasite <i>Toxoplasma gondii</i> Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6956-E6963.	3.3	99
24	Histopathological, morphological, and molecular characterization of Sarcocystis species in elk (Cervus elaphus) from Pennsylvania, USA. Parasitology Research, 2018, 117, 3245-3255.	0.6	7
25	Morphological and molecular characterization of Sarcocystis arctica-like sarcocysts from the Arctic fox (Vulpes lagopus) from Alaska, USA. Parasitology Research, 2017, 116, 1871-1878.	0.6	11
26	Long-read sequencing improves assembly of Trichinella genomes 10-fold, revealing substantial synteny between lineages diverged over 7 million years. Parasitology, 2017, 144, 1302-1315.	0.7	5
27	Bobcats (Lynx rufus) are natural definitive host of Besnoitia darlingi. Veterinary Parasitology, 2017, 248, 84-89.	0.7	11
28	Hybridization is limited between two lineages of freeze-resistant Trichinella during coinfection in a mouse model. Infection, Genetics and Evolution, 2016, 38, 146-151.	1.0	6
29	Ancient, globally distributed lineage of Sarcocystis from sporocysts of the Eastern rat snake (Pantherophis alleghaniensis) and its relation to neurological sequalae in intermediate hosts. Parasitology Research, 2016, 115, 2697-2704.	0.6	7
30	Local admixture of amplified and diversified secreted pathogenesis determinants shapes mosaic Toxoplasma gondii genomes. Nature Communications, 2016, 7, 10147.	5.8	243
31	Coccidian parasites of fish encompass profound phylogenetic diversity and gave rise to each of the major parasitic groups in terrestrial vertebrates. Infection, Genetics and Evolution, 2016, 40, 219-227.	1.0	23
32	Molecular characterization and development of <i>Sarcocystis speeri </i> sarcocysts in gamma interferon gene knockout mice. Parasitology, 2015, 142, 1555-1562.	0.7	7
33	In the United States, negligible rates of zoonotic sarcocystosis occur in feral swine that, by contrast, frequently harbour infections with Sarcocystis miescheriana, a related parasite contracted from canids. Parasitology, 2015, 142, 549-556.	0.7	20
34	Sarcocystis cruzi infection in wood bison (Bison bison athabascae). Veterinary Parasitology, 2015, 210, 102-105.	0.7	5
35	Traditional Goat Husbandry May Substantially Contribute to Human Toxoplasmosis Exposure. Journal of Parasitology, 2015, 101, 45-49.	0.3	9
36	Genetic evidence of interspecies introgression of mitochondrial genomes between Trichinella spiralis and Trichinella britovi under natural conditions. Infection, Genetics and Evolution, 2015, 36, 323-332.	1.0	16

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37	<i>Sarcocystis canis</i> Associated Hepatitis in a Steller Sea Lion (<i>Eumetopias jubatus</i>) from Alaska. Journal of Wildlife Diseases, 2014, 50, 405-408.	0.3	8
38	Reply to Italiano et al. Clinical Infectious Diseases, 2014, 60, 1135-6.	2.9	2
39	Geographic Separation of Domestic and Wild Strains of Toxoplasma gondii in French Guiana Correlates with a Monomorphic Version of Chromosome 1a. PLoS Neglected Tropical Diseases, 2014, 8, e3182.	1.3	39
40	Sarcocystis cafferin. sp. (Protozoa: Apicomplexa) from the African Buffalo (Syncerus caffer). Journal of Parasitology, 2014, 100, 817-827.	0.3	8
41	NextGen sequencing reveals short double crossovers contribute disproportionately to genetic diversity in Toxoplasma gondii. BMC Genomics, 2014, 15, 1168.	1.2	17
42	Anthropogenics: Human Influence on Global and Genetic Homogenization of Parasite Populations. Journal of Parasitology, 2014, 100, 756-772.	0.3	23
43	Evolutionary responses of innate immunity to adaptive immunity. Infection, Genetics and Evolution, 2014, 21, 492-496.	1.0	25
44	Refrigeration provides a simple means to synchronize in vitro cultures of Plasmodium falciparum. Experimental Parasitology, 2014, 140, 18-23.	0.5	11
45	Acute Muscular Sarcocystosis: An International Investigation Among Ill Travelers Returning From Tioman Island, Malaysia, 2011-2012. Clinical Infectious Diseases, 2014, 59, 1401-1410.	2.9	55
46	European Mustelids Occupying Pristine Wetlands in the Danube Delta are Infected with <i>Trichinella </i> Likely Derived from Domesticated Swine. Journal of Wildlife Diseases, 2014, 50, 972-975.	0.3	15
47	Microsatellite Genotypes Reveal Some Long-Distance Gene Flow inPerkinsus marinus, a Major Pathogen of the Eastern Oyster,Crassostrea virginica(Gmelin). Journal of Shellfish Research, 2014, 33, 195-206.	0.3	6
48	Hybridization between previously isolated ancestors may explain the persistence of exactly two ancient lineages in the genome of the oyster parasite Perkinsus marinus. Infection, Genetics and Evolution, 2014, 24, 167-176.	1.0	2
49	In Romania, exposure to Toxoplasma gondii occurs twice as often in swine raised for familial consumption as in hunted wild boar, but occurs rarely, if ever, among fattening pigs raised in confinement. Parasitology Research, 2013, 112, 2403-2407.	0.6	33
50	Experimental Transmission of Sarcocystis muris (Apicomplexa: Sarcocystidae) Sporocysts from a Naturally Infected Cat (Felis catus) to Immunocompetent and Immunocompromised Mice. Journal of Parasitology, 2013, 99, 997-1001.	0.3	4
51	The 13th International Conference on Trichinellosis. Veterinary Parasitology, 2013, 194, 99-100.	0.7	0
52	Modeling effective transmission pathways and control of the world's most successful parasite. Theoretical Population Biology, 2013, 86, 50-61.	0.5	19
53	Sarcocystosis. , 2013, , 780-783.		0
54	Genome Sequencing Identifies Two Nearly Unchanged Strains of Persistent Listeria monocytogenes Isolated at Two Different Fish Processing Plants Sampled 6 Years Apart. Applied and Environmental Microbiology, 2013, 79, 2944-2951.	1.4	110

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55	Globally diverse <i>Toxoplasma gondii</i> isolates comprise six major clades originating from a small number of distinct ancestral lineages. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5844-5849.	3.3	349
56	Evidence for a recent population bottleneck in an Apicomplexan parasite of caribou and reindeer, Besnoitia tarandi. Infection, Genetics and Evolution, 2012, 12, 1605-1613.	1.0	21
57	Eimeria that infect fish are diverse and are related to, but distinct from, those that infect terrestrial vertebrates. Infection, Genetics and Evolution, 2012, 12, 1810-1815.	1.0	34
58	Infections with Sarcocystis wenzeli are prevalent in the chickens of Yunnan Province, China, but not in the flocks of domesticated pigeons or ducks. Experimental Parasitology, 2012, 131, 31-34.	0.5	7
59	Discernible but limited introgression has occurred where Trichinella nativa and the T6 genotype occur in sympatry. Infection, Genetics and Evolution, 2012, 12, 530-538.	1.0	26
60	Development of a single larva microsatellite analysis to investigate the population structure of Trichinella spiralis. Infection, Genetics and Evolution, 2012, 12, 369-376.	1.0	30
61	Phylogenetic analysis of Sarcocystis nesbitti (Coccidia: Sarcocystidae) suggests a snake as its probable definitive host. Veterinary Parasitology, 2012, 183, 373-376.	0.7	30
62	Sarcocystis sinensis is an ultrastructurally distinct parasite of water buffalo that can cause foodborne illness but cannot complete its life-cycle in human beings. Veterinary Parasitology, 2011, 178, 35-39.	0.7	23
63	Genetic analyses of atypical Toxoplasma gondii strains reveal a fourth clonal lineage in North America. International Journal for Parasitology, 2011, 41, 645-655.	1.3	263
64	Sarcocystis cruzi: Comparative studies confirm natural infections of buffaloes. Experimental Parasitology, 2011, 127, 460-466.	0.5	19
65	Next-generation sequencing of the Trichinella murrelli mitochondrial genome allows comprehensive comparison of its divergence from the principal agent of human trichinellosis, Trichinella spiralis. Infection, Genetics and Evolution, 2011, 11, 116-123.	1.0	23
66	An evolutionary legacy of sex and clonal reproduction in the protistan oyster parasite Perkinsus marinus. Infection, Genetics and Evolution, 2011, 11, 598-609.	1.0	16
67	A Monomorphic Haplotype of Chromosome Ia Is Associated with Widespread Success in Clonal and Nonclonal Populations of Toxoplasma gondii. MBio, 2011, 2, e00228-11.	1.8	45
68	Deep resequencing of Trichinella spiralis reveals previously un-described single nucleotide polymorphisms and intra-isolate variation within the mitochondrial genome. Infection, Genetics and Evolution, 2010, 10, 304-310.	1.0	19
69	Rhinitis and disseminated disease in a ferret (Mustela putorius furo) naturally infected with Sarcocystis neurona. Veterinary Parasitology, 2010, 169, 226-231.	0.7	14
70	Sarcocystis tupaia, sp. nov., a new parasite species employing treeshrews (Tupaiidae, Tupaia belangeri) Tj ETQq0	0 0 rgBT	/Overlock 10
71	Antibodies to the Ventral Disc Protein $\hat{\Gamma}$ -giardin Prevent in Vitro Binding of Giardia lamblia Trophozoites. Journal of Parasitology, 2009, 95, 895-899.	0.3	36
72	Genetic diversity of <i>Toxoplasma gondii </i> in animals and humans. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2749-2761.	1.8	185

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73	Selection at a Single Locus Leads to Widespread Expansion of Toxoplasma gondii Lineages That Are Virulent in Mice. PLoS Genetics, 2009, 5, e1000404.	1.5	133
74	How has agriculture influenced the geography and genetics of animal parasites?. Trends in Parasitology, 2009, 25, 67-70.	1.5	47
75	The origin of malignant malaria. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14902-14907.	3.3	196
76	Non-invasive methods for identifying oocysts of Sarcocystis spp. from definitive hosts. Parasitology International, 2009, 58, 293-296.	0.6	30
77	Restricted genetic diversity in the ubiquitous cattle parasite, Sarcocystis cruzi. Infection, Genetics and Evolution, 2008, 8, 588-592.	1.0	48
78	Human dispersal of Trichinella spiralis in domesticated pigs. Infection, Genetics and Evolution, 2008, 8, 799-805.	1.0	64
79	Detection of Sarcocystis Parasites in Retail Beef: A Regional Survey Combining Histological and Genetic Detection Methods. Journal of Food Protection, 2008, 71, 2144-2147.	0.8	48
80	Recent transcontinental sweep of <i>Toxoplasma gondii</i> driven by a single monomorphic chromosome. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14872-14877.	3.3	172
81	Sarcocystis arctosi sp. nov. (Apicomplexa, Sarcocystidae) from the brown bear (Ursus arctos), and its genetic similarity to schizonts of Sarcocystis canis-like parasite associated with fatal hepatitis in polar bears (Ursus maritimus). Acta Parasitologica, 2007, 52, 299.	0.4	12
82	Isolation and characterization of microsatellite markers from Sarcocystis neurona, a causative agent of equine protozoal myeloencephalitis. Molecular Ecology Notes, 2006, 6, 8-10.	1.7	15
83	A genetically diverse but distinct North American population of Sarcocystis neurona includes an overrepresented clone described by 12 microsatellite alleles. Infection, Genetics and Evolution, 2006, 6, 352-360.	1.0	29
84	Clinical Sarcocystis neurona, Sarcocystis canis, Toxoplasma gondii, and Neospora caninum infections in dogs. Veterinary Parasitology, 2006, 137, 36-49.	0.7	70
85	Morphologic and genetic characterization of Sarcocystis sp. from the African grey parrot, Psittacus erithacus, from Costa Rica. Acta Parasitologica, 2006, 51, .	0.4	13
86	PARELAPHOSTRONGYLUS ODOCOILEI IN COLUMBIAN BLACK-TAILED DEER FROM OREGON. Journal of Wildlife Diseases, 2006, 42, 527-535.	0.3	9
87	Post-Miocene expansion, colonization, and host switching drove speciation among extant nematodes of the archaic genus Trichinella. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7354-7359.	3.3	142
88	Redescription of Besnoitia bennetti (Protozoa: Apicomplexa) from the donkey (Equus asinus). International Journal for Parasitology, 2005, 35, 659-672.	1.3	45
89	Dexamethasone treatment induces susceptibility of outbred Webster mice to experimental infection with Besnoitia darlingi isolated from opossums (Didelphis virginiana). Parasitology Research, 2005, 95, 413-419.	0.6	4
90	Enhanced Survival of Salmonella enterica in Vesicles Released by a Soilborne Tetrahymena Species. Applied and Environmental Microbiology, 2005, 71, 1562-1569.	1.4	109

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91	AN OUTBREAK OF BESNOITIOSIS IN MINIATURE DONKEYS. Journal of Parasitology, 2005, 91, 877-881.	0.3	27
92	GEOGRAPHIC DISTRIBUTION OF THE MUSCLE-DWELLING NEMATODE PARELAPHOSTRONGYLUS ODOCOILEI IN NORTH AMERICA, USING MOLECULAR IDENTIFICATION OF FIRST-STAGE LARVAE. Journal of Parasitology, 2005, 91, 574-584.	0.3	52
93	CAUDAL POLYMORPHISM AND CEPHALIC MORPHOLOGY AMONG FIRST-STAGE LARVAE OF PARELAPHOSTRONGYLUS ODOCOILEI (PROTOSTRONGYLIDAE: ELAPHOSTRONGYLINAE) IN DALL'S SHEEP FROM THE MACKENZIE MOUNTAINS, CANADA. Journal of Parasitology, 2005, 91, 1318-1325.	0.3	11
94	Concurrent Presence of <i>Sarcocystis Neurona</i> Sporocysts, <i>Besnoitia Darlingi</i> Tissue Cysts, and <i>Sarcocystis Inghami</i> Sarcocysts in Naturally Infected Opossums (<i>Didelphis) Tj ETQq0 0 0 rgB</i>	T ¢Q verloo	ck1110 Tf 50 6
95	Redescription of Besnoitia tarandi (Protozoa: Apicomplexa) from the reindeer (Rangifer tarandus). International Journal for Parasitology, 2004, 34, 1273-1287.	1.3	48
96	Hammondia heydorni: evidence of genetic diversity among isolates from dogs. Experimental Parasitology, 2004, 107, 65-71.	0.5	18
97	Identical ITS-1 and ITS-2 Sequences Suggest Spiculopteragia asymmetrica and Spiculopteragia quadrispiculata (Nematoda: Trichostrongylidae) Constitute Morphologically Distinct Variants of a Single Species. Journal of Parasitology, 2002, 88, 417.	0.3	0
98	Identical ITS-1 and ITS-2 Sequences Suggest Spiculopteragia asymmetrica and Spiculopteragia quadrispiculata (Nematoda: Trichostrongylidae) Constitute Morphologically Distinct Variants of a Single Species. Journal of Parasitology, 2002, 88, 417-418.	0.3	12
99	Establishment of Besnoitia darlingi from opossums (Didelphis virginiana) in experimental intermediate and definitive hosts, propagation in cell culture, and description of ultrastructural and genetic characteristics. International Journal for Parasitology, 2002, 32, 1053-1064.	1.3	33
100	Molecular, cellular, and functional characterization of chicken cytokines homologous to mammalian IL-15 and IL-2. Veterinary Immunology and Immunopathology, 2001, 82, 229-244.	0.5	101
101	Defining and interpreting intraspecific molecular variation. Veterinary Parasitology, 2001, 101, 187-200.	0.7	8
102	Sarcocystis lindsayi n. sp. (Protozoa: Sarcocystidae) from the South American Opossum, Didelphis albiventris from Brazil. Journal of Eukaryotic Microbiology, 2001, 48, 595-603.	0.8	40
103	Early lateral transfer of genes encoding malic enzyme, acetyl-CoA synthetase and alcohol dehydrogenases from anaerobic prokaryotes to Entamoeba histolytica. Molecular Microbiology, 2000, 38, 446-455.	1.2	93
104	Vacuolar localization of an Entamoeba histolytica homologue of the plasma membrane ATPase (PMCA). Molecular and Biochemical Parasitology, 2000, 108, 125-130.	0.5	14
105	Chitinase Secretion by Encysting <i>Entamoeba invadens</i> and Transfected <i>Entamoeba histolytica</i> Trophozoites: Localization of Secretory Vesicles, Endoplasmic Reticulum, and Golgi Apparatus. Infection and Immunity, 1999, 67, 3073-3081.	1.0	93
106	A subtropical case of human babesiosis. Acta Tropica, 1997, 67, 229-234.	0.9	144
107	Health impact of human rights violations in Haitian refugees. Lancet, The, 1997, 350, 371-372.	6.3	3
108	Heterogeneity of the internal transcribed spacer (ITS-2) region within individual deer ticks. Insect Molecular Biology, 1997, 6, 123-129.	1.0	59

ARTICLE IF CITATIONS

109 Impact of the <i>Toxoplasma gondii</i> Genome Project., 0,, 309-320.