

Marc Desquesnes

List of Publications by Year in descending order

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68
papers

2,751
citations

218592

26
h-index

189801

50
g-index

69
all docs

69
docs citations

69
times ranked

2017
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Trypanosoma evansi</i> and Surra: A Review and Perspectives on Origin, History, Distribution, Taxonomy, Morphology, Hosts, and Pathogenic Effects. <i>BioMed Research International</i> , 2013, 2013, 1-22.	0.9	285
2	Transmission of pathogens by <i>Stomoxys</i> flies (Diptera, Muscidae): a review. <i>Parasite</i> , 2013, 20, 26.	0.8	212
3	<i>Trypanosoma evansi</i> and Surra: A Review and Perspectives on Transmission, Epidemiology and Control, Impact, and Zoonotic Aspects. <i>BioMed Research International</i> , 2013, 2013, 1-20.	0.9	193
4	Detection and identification of <i>Trypanosoma</i> of African livestock through a single PCR based on internal transcribed spacer 1 of rDNA. <i>International Journal for Parasitology</i> , 2001, 31, 610-614.	1.3	160
5	Tabanids: Neglected subjects of research, but important vectors of disease agents!. <i>Infection, Genetics and Evolution</i> , 2014, 28, 596-615.	1.0	147
6	Atypical Human Infections by Animal Trypanosomes. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2256.	1.3	134
7	Genome and Phylogenetic Analyses of <i>Trypanosoma evansi</i> Reveal Extensive Similarity to <i>T. brucei</i> and Multiple Independent Origins for Dyskinetoplasty. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e3404.	1.3	124
8	<i>Trypanosoma</i> (<i>Duttonella</i>) <i>vivax</i> : its biology, epidemiology, pathogenesis, and introduction in the New World - a review. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 1-13.	0.8	111
9	A Clinical and Epidemiological Investigation of the First Reported Human Infection With the Zoonotic Parasite <i>Trypanosoma evansi</i> in Southeast Asia. <i>Clinical Infectious Diseases</i> , 2016, 62, 1002-1008.	2.9	83
10	<i>Trypanosoma vivax</i> : mechanical transmission in cattle by one of the most common African tabanids, <i>Atylotus agrestis</i> . <i>Experimental Parasitology</i> , 2003, 103, 35-43.	0.5	81
11	Development of a mathematical model for mechanical transmission of trypanosomes and other pathogens of cattle transmitted by tabanids. <i>International Journal for Parasitology</i> , 2009, 39, 333-346.	1.3	81
12	Mechanical transmission of <i>Trypanosoma vivax</i> in cattle by the African tabanid <i>Atylotus fuscipes</i> . <i>Veterinary Parasitology</i> , 2004, 119, 9-19.	0.7	79
13	Mechanical transmission of <i>Trypanosoma congolense</i> in cattle by the African tabanid <i>Atylotus agrestis</i> . <i>Experimental Parasitology</i> , 2003, 105, 226-231.	0.5	71
14	<i>Trypanosoma evansi</i> : Recent outbreaks in Europe. <i>Veterinary Parasitology</i> , 2010, 174, 26-29.	0.7	62
15	Changing landscapes of Southeast Asia and rodent-borne diseases: decreased diversity but increased transmission risks. <i>Ecological Applications</i> , 2019, 29, e01886.	1.8	57
16	A review on the diagnosis of animal trypanosomoses. <i>Parasites and Vectors</i> , 2022, 15, 64.	1.0	54
17	Development and application of an antibody-ELISA to follow up a <i>Trypanosoma evansi</i> outbreak in a dromedary camel herd in France. <i>Veterinary Parasitology</i> , 2009, 162, 214-220.	0.7	46
18	Mapping African Animal Trypanosomosis risk from the sky. <i>Veterinary Research</i> , 2006, 37, 633-645.	1.1	46

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19	A comparison of six primer sets for detection of <i>Trypanosoma evansi</i> by polymerase chain reaction in rodents and Thai livestock. <i>Veterinary Parasitology</i> , 2010, 171, 185-193.	0.7	42
20	Detection of Chagas infections using <i>Trypanosoma evansi</i> crude antigen demonstrates high cross-reactions with <i>Trypanosoma cruzi</i> . <i>Infection, Genetics and Evolution</i> , 2007, 7, 457-462.	1.0	38
21	PCR identification of <i>Trypanosoma lewisi</i> , a common parasite of laboratory rats. <i>Parasites and Vectors</i> , 2002, 1, 2.	1.9	36
22	Antibody-ELISA for <i>Trypanosoma evansi</i> : Application in a serological survey of dairy cattle, Thailand, and validation of a locally produced antigen. <i>Preventive Veterinary Medicine</i> , 2009, 90, 233-241.	0.7	36
23	Monitoring Silent Spillovers Before Emergence: A Pilot Study at the Tick/Human Interface in Thailand. <i>Frontiers in Microbiology</i> , 2019, 10, 2315.	1.5	36
24	Resistance to normal human serum reveals <i>Trypanosoma lewisi</i> as an underestimated human pathogen. <i>Molecular and Biochemical Parasitology</i> , 2015, 199, 58-61.	0.5	30
25	<i>Trypanosoma</i> from rodents as potential source of infection in human-shaped landscapes of South-East Asia. <i>Veterinary Parasitology</i> , 2015, 208, 174-180.	0.7	28
26	Epidémiologie de la trypanosomose bovine (<i>Trypanosoma vivax</i>) en Guyane française. <i>Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux</i> , 1993, 46, 463-470.	0.2	27
27	Refractory hypoglycaemia in a dog infected with <i>Trypanosoma congolense</i> . <i>Parasite</i> , 2016, 23, 1.	0.8	26
28	High genetic diversity in field isolates of <i>Trypanosoma theileri</i> assessed by analysis of cathepsin L-like sequences disclosed multiple and new genotypes infecting cattle in Thailand. <i>Veterinary Parasitology</i> , 2011, 180, 363-367.	0.7	25
29	Enquête parasitologique et sérologique (Elisa-indirect) sur les trypanosomoses des bovins dans la zone de Sidrédougou, Burkina Faso. <i>Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux</i> , 1999, 52, 223-232.	0.2	25
30	Specific primers for PCR amplification of the ITS1 (ribosomal DNA) of <i>Trypanosoma lewisi</i> . <i>Infection, Genetics and Evolution</i> , 2011, 11, 1361-1367.	1.0	24
31	Diagnosis and genetic analysis of the worldwide distributed Rattus-borne <i>Trypanosoma</i> (<i>Herpetosoma</i>) <i>lewisi</i> and its allied species in blood and fleas of rodents. <i>Infection, Genetics and Evolution</i> , 2018, 63, 380-390.	1.0	24
32	Epidemiology of <i>Trypanosoma vivax</i> infection in cattle in the tse-tse free area of Lake Chad. <i>Preventive Veterinary Medicine</i> , 2006, 74, 108-119.	0.7	19
33	A study on African animal trypanosomosis in four areas of Senegal. <i>Folia Parasitologica</i> , 2015, 62, .	0.7	19
34	Diagnosis of animal trypanosomoses: proper use of current tools and future prospects. <i>Parasites and Vectors</i> , 2022, 15, .	1.0	18
35	Evaluation of an Indirect-ELISA Test for <i>Trypanosoma evansi</i> Infection (Surra) in Buffaloes and Its Application to a Serological Survey in Thailand. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	16
36	Field investigation of <i>Trypanosoma evansi</i> and comparative analysis of diagnostic tests in horses from Bahawalpur, Pakistan. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2017, 41, 288-293.	0.2	16

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37	Evaluation de la sensibilit� de la PCR pour la d�tection de l'ADN de Trypanosoma vivax selon divers modes de pr�paration des �chantillons sanguins. Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux, 1996, 49, 322-327.	0.2	16
38	An evaluation of melarsomine hydrochloride efficacy for parasitological cure in experimental infection of dairy cattle with <i>Trypanosoma evansi</i> in Thailand. Parasitology, 2011, 138, 1134-1142.	0.7	15
39	Detection of Trypanosoma lewisi from wild rats in Southern China and its genetic diversity based on the ITS1 and ITS2 sequences. Infection, Genetics and Evolution, 2012, 12, 1046-1051.	1.0	14
40	Modelling bovine trypanosomosis spatial distribution by GIS in an agro-pastoral zone of Burkina Faso. Preventive Veterinary Medicine, 2002, 56, 5-18.	0.7	13
41	Mechanical transmission of African swine fever virus by <i>Stomoxys calcitrans</i> : Insights from a mechanistic model. Transboundary and Emerging Diseases, 2021, 68, 1541-1549.	1.3	13
42	Development of a control strategy towards elimination of Trypanosoma evansi infection (surra) in camels in Africa. Acta Tropica, 2022, 234, 106583.	0.9	13
43	The effect of the DNA preparation method on the sensitivity of PCR for the detection of Trypanosoma evansi in rodents and implications for epidemiological surveillance efforts. Veterinary Parasitology, 2013, 191, 203-208.	0.7	12
44	Evaluation de la sensibilit� du test de Woo pour la d�tection de Trypanosoma vivax. Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux, 1996, 49, 315-321.	0.2	12
45	Abondance relative des tabanid�s dans la r�gion des savanes de C�te d'Ivoire. Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux, 2001, 54, 109.	0.2	11
46	Evaluation de la persistance des anticorps d�tect�s par Elisa-indirect Trypanosoma vivax apr�s traitement trypanocide chez des. Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux, 2003, 56, 141.	0.2	11
47	3. Veterinary importance and integrated management of Brachycera flies in dairy farms. Ecology and Control of Vector-Borne Diseases, 2018, , 55-90.	0.3	10
48	Zoonotic trypanosomes in South East Asia: Attempts to control Trypanosoma lewisi using human and animal trypanocidal drugs. Infection, Genetics and Evolution, 2016, 44, 514-521.	1.0	9
49	Trypanosoma evansi. Trends in Parasitology, 2022, 38, 489-490.	1.5	9
50	Zoonotic trypanosomes in South East Asia: Attempts to control Trypanosoma lewisi using veterinary drugs. Experimental Parasitology, 2016, 165, 35-42.	0.5	8
51	Adaptation and evaluation of an ELISA for <i>Trypanosoma evansi</i> infection (surra) in elephants and its application to a serological survey in Thailand. Parasitology, 2018, 145, 371-377.	0.7	7
52	Comparison of blue cotton and blue polyester fabrics to attract hematophagous flies in cattle farms in Thailand. Journal of Vector Ecology, 2020, 45, 262-268.	0.5	7
53	Trypanosomose animale chez les bovins dans la zone Sud-soudanienne du Burkina Faso. R�sultats d�une enqu�te s�rologique. Revue D'Elevage Et De Medecine Veterinaire Des Pays Tropicaux, 2001, 54, 221.	0.2	7
54	Is the Oriental House Rat (<i>Rattus tanezumi</i>) a Potential Reservoir for <i>Trypanosoma evansi</i> in Thailand?. Journal of Wildlife Diseases, 2015, 51, 719-723.	0.3	6

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55	Comparison of Vavoua, Malaise and Nzi traps with and without attractants for trapping of <i>Stomoxys</i> spp. (Diptera: Muscidae) and tabanids (Diptera: Tabanidae) on cattle farms. <i>Agriculture and Natural Resources</i> , 2017, 51, 319-323.	0.4	6
56	Molecular Detection of <i>Bartonella</i> Species in Rodents Residing in Urban and Suburban Areas of Central Thailand. <i>Microorganisms</i> , 2021, 9, 2588.	1.6	6
57	Isothermal Nucleic Acid Amplification to Detect Infection Caused by Parasites of the Trypanosomatidae Family: A Literature Review and Opinion on the Laboratory to Field Applicability. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7543.	1.8	6
58	5. Insecticide-impregnated screens used under "multi-target method"™ for haematophagous fly control in cattle: a proof of concept. <i>Ecology and Control of Vector-Borne Diseases</i> , 2021, , 91-105.	0.3	5
59	The COMBAT project: controlling and progressively minimizing the burden of vector-borne animal trypanosomosis in Africa. <i>Open Research Europe</i> , 0, 2, 67.	2.0	5
60	A preliminary serological study of <i>Trypanosoma evansi</i> and <i>Trypanosoma lewisi</i> in a Chinese human population. <i>Agriculture and Natural Resources</i> , 2018, 52, 612-616.	0.4	4
61	Guidelines for user-friendly iconographic description of hematophagous flies' external morphology; application to the identification of <i>Tabanus rubidus</i> (Wiedemann, 1821) (Diptera: Tabanidae). <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 807-822.	0.4	3
62	The Indirect ELISA <i>Trypanosoma evansi</i> in Equids: Optimisation and Application to a Serological Survey including Racing Horses, in Thailand. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	3
63	Le diagnostic de Trypanosoma vivax : un problème non résolu dans l'Épidémiologie des trypanosomoses. <i>Revue D'Élevage Et De Médecine Veterinaire Des Pays Tropicaux</i> , 1997, 50, 209-213.	0.2	3
64	Investigation of <i>Trypanosoma evansi</i> infection in bullfighting cattle in Southern Thailand. <i>Veterinary World</i> , 2020, 13, 1674-1678.	0.7	3
65	Veterinary Aspects and Experimental Studies. , 2010, , 277-317.		1
66	Mitogen-activated protein kinase 5, a novel molecular marker for the identification and detection of Trypanozoon species. <i>Acta Tropica</i> , 2012, 122, 183-188.	0.9	1
67	Isolation and in vitro cultivation of <i>Trypanosoma evansi</i> Thai strains. <i>Experimental Parasitology</i> , 2022, 239, 108289.	0.5	1
68	The Use of "Tail-Pedometers" to Evaluate the Impact of Dipterans in Feeder Cattle. <i>Insects</i> , 2022, 13, 616.	1.0	0