Ricardo E GÃ¼rtler

List of Publications by Year
in descending order

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105	4,572	76326	118850
papers	citations	40 h-index	62 g-index

106	106	106	2065
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Does the interface with plantation forests provide suitable habitat for axis deer (Axis axis) to avoid systematic hunting pressure in a protected area of north-eastern Argentina?. European Journal of Wildlife Research, 2022, 68, 1.	1.4	2
2	Control of pyrethroidâ€resistant populations of Triatoma infestans, the main vector of Trypanosoma cruzi, by treating dogs with fluralaner in the Argentine Chaco. Medical and Veterinary Entomology, 2022, 36, 149-158.	1.5	5
3	Eco-Epidemiology of Vector-Borne Transmission of Trypanosoma cruzi in Domestic Habitats. True Bugs (Heteroptera) of the Neotropics, 2021, , 447-489.	1.2	11
4	Phenotypic plasticity, canalisation and developmental stability of Triatoma infestans wings: effects of a sublethal application of a pyrethroid insecticide. Parasites and Vectors, 2021, 14, 355.	2.5	8
5	Combining citizen science and recreational hunters to monitor exotic ungulates and native wildlife in a protected area of northeastern Argentina. Biological Invasions, 2021, 23, 3687-3702.	2.4	6
6	Chagas Disease Vector Control. True Bugs (Heteroptera) of the Neotropics, 2021, , 491-535.	1.2	13
7	Assessing antibody decline after chemotherapy of early chronic Chagas disease patients. Parasites and Vectors, 2021, 14, 543.	2.5	6
8	Dogs and Their Role in the Eco-epidemiology of Chagas Disease. Parasitology Research Monographs, 2021, , 73-106.	0.3	0
9	Impacts of residual insecticide spraying on the abundance and habitat occupancy of Triatoma sordida and co-occurrence with Triatoma infestans: A three-year follow-up in northeastern Argentina. Acta Tropica, 2020, 202, 105251.	2.0	10
10	Human infectiousness and parasite load in chronic patients seropositive for Trypanosoma cruzi in a rural area of the Argentine Chaco. Infection, Genetics and Evolution, 2020, 78, 104062.	2.3	8
11	Lineage-specific rapid diagnostic tests can resolve Trypanosoma cruzi TcII/V/VI ecological and epidemiological associations in the Argentine Chaco. Parasites and Vectors, 2019, 12, 424.	2.5	15
12	Inequalities in the social determinants of health and Chagas disease transmission risk in indigenous and creole households in the Argentine Chaco. Parasites and Vectors, 2019, 12, 184.	2.5	37
13	Human Trypanosoma cruzi infection is driven by eco-social interactions in rural communities of the Argentine Chaco. PLoS Neglected Tropical Diseases, 2019, 13, e0007430.	3.0	14
14	Community-based surveillance and control of chagas disease vectors in remote rural areas of the Argentine Chaco: A five-year follow-up. Acta Tropica, 2019, 191, 108-115.	2.0	23
15	A Microsatellite-Based Analysis of House Infestation With Triatoma Infestans (Hemiptera: Reduviidae) After Insecticide Spraying in the Argentine Chaco. Journal of Medical Entomology, 2018, 55, 609-619.	1.8	14
16	Habitat-Specific Occupancy and a Metapopulation Model of Triatoma sordida (Hemiptera: Reduviidae), a Secondary Vector of Chagas Disease, in Northeastern Argentina. Journal of Medical Entomology, 2018, 55, 370-381.	1.8	16
17	Differential long-term impacts of a management control program of axis deer and wild boar in a protected area of north-eastern Argentina. Biological Invasions, 2018, 20, 1431-1447.	2.4	17
18	Beating the odds: Sustained Chagas disease vector control in remote indigenous communities of the Argentine Chaco over a seven-year period. PLoS Neglected Tropical Diseases, 2018, 12, e0006804.	3.0	31

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19	Temporal variations of fluctuating asymmetry in wing size and shape of Triatoma infestans populations from northwest Argentina. Infection, Genetics and Evolution, 2017, 56, 133-142.	2.3	5
20	Coping with wild boar in a conservation area: impacts of a 10-year management control program in north-eastern Argentina. Biological Invasions, 2017, 19, 11-24.	2.4	25
21	Seasonality and Temperature-Dependent Flight Dispersal of Triatoma infestans (Hemiptera: Reduviidae) and Other Vectors of Chagas Disease in Western Argentina. Journal of Medical Entomology, 2017, 54, 1285-1292.	1.8	19
22	House Reinfestation With Triatoma infestans (Hemiptera: Reduviidae) After Community-Wide Spraying With Insecticides in the Argentine Chaco: A Multifactorial Process. Journal of Medical Entomology, 2017, 54, 646-657.	1.8	30
23	Improving access to Chagas disease diagnosis and etiologic treatment in remote rural communities of the Argentine Chaco through strengthened primary health care and broad social participation. PLoS Neglected Tropical Diseases, 2017, 11, e0005336.	3.0	37
24	Chagas disease vector control and Taylor's law. PLoS Neglected Tropical Diseases, 2017, 11, e0006092.	3.0	15
25	Body size and hosts of Triatoma infestans populations affect the size of bloodmeal contents and female fecundity in rural northwestern Argentina. PLoS Neglected Tropical Diseases, 2017, 11, e0006097.	3.0	12
26	First finding of Trypanosoma cruzi II in vampire bats from a district free of domestic vector-borne transmission in Northeastern Argentina. Parasitology, 2016, 143, 1358-1368.	1.5	12
27	Reservoir host competence and the role of domestic and commensal hosts in the transmission of Trypanosoma cruzi. Acta Tropica, 2015, 151, 32-50.	2.0	122
28	Trypanosoma cruzi infection in Triatoma sordida before and after community-wide residual insecticide spraying in the Argentinean Chaco. Acta Tropica, 2015, 143, 97-102.	2.0	18
29	Ecological and Sociodemographic Determinants of House Infestation by Triatoma infestans in Indigenous Communities of the Argentine Chaco. PLoS Neglected Tropical Diseases, 2015, 9, e0003614.	3.0	41
30	Eco-bio-social research on community-based approaches for Chagas disease vector control in Latin America. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2015, 109, 91-98.	1.8	47
31	Evidence of selection on phenotypic plasticity and cost of plasticity in response to host-feeding sources in the major Chagas disease vector Triatoma infestans. Acta Tropica, 2015, 152, 237-244.	2.0	7
32	Host-feeding sources and habitats jointly affect wing developmental stability depending on sex in the major Chagas disease vector Triatoma infestans. Infection, Genetics and Evolution, 2015, 36, 539-546.	2.3	12
33	Microcavia australis (Caviidae, Rodentia), a new highly competent host of Trypanosoma cruzi I in rural communities of northwestern Argentina. Acta Tropica, 2015, 142, 34-40.	2.0	8
34	The peri-urban interface and house infestation with Triatoma infestans in the Argentine Chaco: an underreported process?. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 923-934.	1.6	19
35	Domestic Animal Hosts Strongly Influence Human-Feeding Rates of the Chagas Disease Vector Triatoma infestans in Argentina. PLoS Neglected Tropical Diseases, 2014, 8, e2894.	3.0	54
36	Chagas Disease and the London Declaration on Neglected Tropical Diseases. PLoS Neglected Tropical Diseases, 2014, 8, e3219.	3.0	61

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37	Key Source Habitats and Potential Dispersal of Triatoma infestans Populations in Northwestern Argentina: Implications for Vector Control. PLoS Neglected Tropical Diseases, 2014, 8, e3238.	3.0	38
38	Local threats and potential infectious hazards to maned wolves (Chrysocyon brachyurus) in the southeastern Argentine Chaco. Mammalia, 2014, 78, .	0.7	16
39	The role of sigmodontine rodents as sylvatic hosts of Trypanosoma cruzi in the Argentinean Chaco. Infection, Genetics and Evolution, 2014, 22, 12-22.	2.3	22
40	Heterogeneities in the Ecoepidemiology of Trypanosoma cruzi Infection in Rural Communities of the Argentinean Chaco. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1063-1073.	1.4	40
41	Origins of house reinfestation with Triatoma infestans after insecticide spraying in the Argentine Chaco using wing geometric morphometry. Infection, Genetics and Evolution, 2013, 17, 93-100.	2.3	29
42	Spatial analysis of Aedes aegypti immatures in Northern Argentina: Clusters and temporal instability. Acta Tropica, 2013, 128, 461-467.	2.0	5
43	New Sylvatic Hosts of Trypanosoma cruzi and Their Reservoir Competence in the Humid Chaco of Argentina: A Longitudinal Study. American Journal of Tropical Medicine and Hygiene, 2013, 88, 872-882.	1.4	49
44	Improved Chemical Control of Chagas Disease Vectors in the Dry Chaco Region. Journal of Medical Entomology, 2013, 50, 394-403.	1.8	39
45	Intensified Surveillance and Insecticide-based Control of the Chagas Disease Vector Triatoma infestans in the Argentinean Chaco. PLoS Neglected Tropical Diseases, 2013, 7, e2158.	3.0	69
46	Certifying the interruption of Chagas disease transmission by native vectors: cui bono?. Memorias Do Instituto Oswaldo Cruz, 2013, 108, 251-254.	1.6	84
47	Spatial Heterogeneity and Risk Maps of Community Infestation by Triatoma infestans in Rural Northwestern Argentina. PLoS Neglected Tropical Diseases, 2012, 6, e1788.	3.0	25
48	Unexpected Failures to Control Chagas Disease Vectors With Pyrethroid Spraying in Northern Argentina. Journal of Medical Entomology, 2012, 49, 1379-1386.	1.8	69
49	trans-Sialidase Neutralizing Antibody Detection in Trypanosoma cruzi-Infected Domestic Reservoirs. Vaccine Journal, 2011, 18, 984-989.	3.1	10
50	Hidden Sylvatic Foci of the Main Vector of Chagas Disease Triatoma infestans: Threats to the Vector Elimination Campaign?. PLoS Neglected Tropical Diseases, 2011, 5, e1365.	3.0	86
51	Factors Affecting Infestation by Triatoma infestans in a Rural Area of the Humid Chaco in Argentina: A Multi-Model Inference Approach. PLoS Neglected Tropical Diseases, 2011, 5, e1349.	3.0	89
52	Water Use Practices Limit the Effectiveness of a Temephos-Based Aedes aegypti Larval Control Program in Northern Argentina. PLoS Neglected Tropical Diseases, 2011, 5, e991.	3.0	24
53	Triatoma infestansBugs in Southern Patagonia, Argentina. Emerging Infectious Diseases, 2010, 16, 887-889.	4.3	13
54	Sustainability of vector control strategies in the Gran Chaco Region: current challenges and possible approaches. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 52-59.	1.6	107

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55	Temporal Dynamics of Flight Muscle Development inTriatoma infestans(Hemiptera: Reduviidae). Journal of Medical Entomology, 2009, 46, 1021-1024.	1.8	8
56	Spatial Re-Establishment Dynamics of Local Populations of Vectors of Chagas Disease. PLoS Neglected Tropical Diseases, 2009, 3, e490.	3.0	22
57	Strong Host-Feeding Preferences of the Vector Triatoma infestans Modified by Vector Density: Implications for the Epidemiology of Chagas Disease. PLoS Neglected Tropical Diseases, 2009, 3, e447.	3.0	87
58	Effects of a Five-Year Citywide Intervention Program To Control Aedes aegypti and Prevent Dengue Outbreaks in Northern Argentina. PLoS Neglected Tropical Diseases, 2009, 3, e427.	3.0	45
59	Effects of topical application of fipronil spot-on on dogs against the Chagas disease vector Triatoma infestans. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 298-304.	1.8	39
60	Temporal Variations of Wing Size and Shape ofTriatoma infestans(Hemiptera: Reduviidae) Populations From Northwestern Argentina Using Geometric Morphometry. Journal of Medical Entomology, 2009, 46, 994-1000.	1.8	26
61	Eliminating Chagas disease: challenges and a roadmap. BMJ: British Medical Journal, 2009, 338, b1283-b1283.	2.3	52
62	Cost-Effectiveness of Chagas Disease Vector Control Strategies in Northwestern Argentina. PLoS Neglected Tropical Diseases, 2009, 3, e363.	3.0	61
63	Environmental and demographic factors determining the spatial distribution of Triatoma guasayana in peridomestic and semiâ€sylvatic habitats of rural northwestern Argentina. Medical and Veterinary Entomology, 2008, 22, 273-282.	1.5	20
64	Molecular epidemiology of domestic and sylvatic Trypanosoma cruzi infection in rural northwestern Argentina. International Journal for Parasitology, 2008, 38, 1533-1543.	3.1	103
65	Commentary: Chagas disease: 100 years since discovery and lessons for the future. International Journal of Epidemiology, 2008, 37, 698-701.	1.9	38
66	The Challenges of Chagas Diseaseâ€" Grim Outlook or Glimmer of Hope?. PLoS Medicine, 2007, 4, e332.	8.4	196
67	Flight Muscle Dimorphism and Heterogeneity in Flight Initiation of Field-Collected <I>Triatoma infestans</I> (Hemiptera: Reduviidae). Journal of Medical Entomology, 2007, 44, 186-191.	1.8	16
68	Sustainable vector control and management of Chagas disease in the Gran Chaco, Argentina. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16194-16199.	7.1	219
69	Flight Muscle Dimorphism and Heterogeneity in Flight Initiation of Field-CollectedTriatoma infestans(Hemiptera: Reduviidae). Journal of Medical Entomology, 2007, 44, 186-191.	1.8	24
70	Sylvatic Triatoma infestans (Reduviidae, Triatominae) in the Andean valleys of Bolivia. Acta Tropica, 2007, 102, 47-54.	2.0	71
71	Impact of community-based vector control on house infestation and Trypanosoma cruzi infection in Triatoma infestans, dogs and cats in the Argentine Chaco. Acta Tropica, 2007, 103, 201-211.	2.0	56
72	Domestic dogs and cats as sources ofTrypanosoma cruziinfection in rural northwestern Argentina. Parasitology, 2007, 134, 69-82.	1.5	200

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73	Combining Residual Insecticide Spraying Campaigns with Targeted Detection and Specific Chemotherapy for Trypanosoma cruzi Infection in Children. PLoS Neglected Tropical Diseases, 2007, 1, e168.	3.0	8
74	Long-term reduction of Trypanosoma cruzi infection in sylvatic mammals following deforestation and sustained vector surveillance in northwestern Argentina. Acta Tropica, 2006, 98, 286-296.	2.0	37
75	Reinfestation Sources for Chagas Disease Vector,Triatoma infestans, Argentina. Emerging Infectious Diseases, 2006, 12, 1096-1102.	4.3	87
76	Upscale or downscale: applications of fine scale remotely sensed data to Chagas disease in Argentina and schistosomiasis in Kenya. Geospatial Health, 2006, 1, 49.	0.8	56
77	Re-establishment of local populations of vectors of Chagas disease after insecticide spraying. Journal of Applied Ecology, 2006, 44, 220-227.	4.0	20
78	Seasonal variations in active dispersal of natural populations of Triatoma infestans in rural north-western Argentina. Medical and Veterinary Entomology, 2006, 20, 273-279.	1.5	76
79	Comparative Trial of Effectiveness of Pyrethroid Insecticides Against Peridomestic Populations ofTriatoma infestansin Northwestern Argentina. Journal of Medical Entomology, 2006, 43, 902-909.	1.8	34
80	Comparative Trial of Effectiveness of Pyrethroid Insecticides Against Peridomestic Populations of <I>Triatoma infestans</I> in Northwestern Argentina. Journal of Medical Entomology, 2006, 43, 902-909.	1.8	50
81	Flight Initiation ofTriatoma infestans(Hemiptera: Reduviidae) Under Natural Climatic Conditions. Journal of Medical Entomology, 2006, 43, 143-150.	1.8	55
82	EXTINCTION OF EXPERIMENTAL TRIATOMA INFESTANS POPULATIONS FOLLOWING CONTINUOUS EXPOSURE TO DOGS WEARING DELTAMETHRIN-TREATED COLLARS. American Journal of Tropical Medicine and Hygiene, 2006, 74, 766-771.	1.4	46
83	A PROSPECTIVE STUDY OF THE EFFECTS OF SUSTAINED VECTOR SURVEILLANCE FOLLOWING COMMUNITY-WIDE INSECTICIDE APPLICATION ON TRYPANOSOMA CRUZI INFECTION OF DOGS AND CATS IN RURAL NORTHWESTERN ARGENTINA. American Journal of Tropical Medicine and Hygiene, 2006, 75, 753-761.	1.4	41
84	A prospective study of the effects of sustained vector surveillance following community-wide insecticide application on Trypanosoma cruzi infection of dogs and cats in rural Northwestern Argentina. American Journal of Tropical Medicine and Hygiene, 2006, 75, 753-61.	1.4	21
85	Extinction of experimental Triatoma infestans populations following continuous exposure to dogs wearing deltamethrin-treated collars. American Journal of Tropical Medicine and Hygiene, 2006, 74, 766-71.	1.4	26
86	Chagas disease control: deltamethrin-treated collars reduce Triatoma infestans feeding success on dogs. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2005, 99, 502-508.	1.8	57
87	Spatiotemporal Patterns of Reinfestation byTriatoma guasayana(Hemiptera: Reduviidae) in a Rural Community of Northwestern Argentina. Journal of Medical Entomology, 2005, 42, 571-581.	1.8	41
88	INCIDENCE OF TRYPANOSOMA CRUZI INFECTION AMONG CHILDREN FOLLOWING DOMESTIC REINFESTATION AFTER INSECTICIDE SPRAYING IN RURAL NORTHWESTERN ARGENTINA. American Journal of Tropical Medicine and Hygiene, 2005, 73, 95-103.	1.4	85
89	Incidence of trypanosoma cruzi infection among children following domestic reinfestation after insecticide spraying in rural northwestern Argentina. American Journal of Tropical Medicine and Hygiene, 2005, 73, 95-103.	1.4	50
90	Spatial Structuring ofTriatoma infestans(Hemiptera, Reduviidae) Populations from Northwestern Argentina Using Wing Geometric Morphometry. Journal of Medical Entomology, 2004, 41, 643-649.	1.8	70

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91	SPATIO-TEMPORAL ANALYSIS OF REINFESTATION BY TRIATOMA INFESTANS (HEMIPTERA: REDUVIIDAE) FOLLOWING INSECTICIDE SPRAYING IN A RURAL COMMUNITY IN NORTHWESTERN ARGENTINA. American Journal of Tropical Medicine and Hygiene, 2004, 71, 803-810.	1.4	120
92	Spatio-temporal analysis of reinfestation by Triatoma infestans (Hemiptera: Reduviidae) following insecticide spraying in a rural community in northwestern Argentina. American Journal of Tropical Medicine and Hygiene, 2004, 71, 803-10.	1.4	55
93	Effectiveness of residual spraying of peridomestic ecotopes with deltamethrin and permethrin on Triatoma infestans in rural western Argentina: a district-wide randomized trial. Bulletin of the World Health Organization, 2004, 82, 196-205.	3.3	91
94	Effects of refuge availability on the population dynamics of Triatoma infestans in central Argentina. Journal of Applied Ecology, 2003, 40, 742-756.	4.0	41
95	Congenital Transmission ofTrypanosoma cruziInfection in Argentina. Emerging Infectious Diseases, 2003, 9, 29-32.	4.3	101
96	Association between nutritional indicators and infectivity of dogs seroreactive for Trypanosoma cruzi in a rural area of northwestern Argentina. Parasitology Research, 2001, 87, 208-214.	1.6	29
97	Effects of Non-Susceptible Hosts on the Infection with Trypanosoma cruzi of the Vector Triatoma infestans: an Experimental Model. Memorias Do Instituto Oswaldo Cruz, 1999, 94, 413-419.	1.6	7
98	Trypanosoma cruzi infection in Triatoma infestans and other triatomines: long-term effects of a control program in rural northwestern Argentina. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 1999, 5, 392-9.	1.1	51
99	Shifting Host Choices of the Vector of Chagas Disease, Triatoma Infestans, in Relation to the Availability of Host in Houses in North-West Argentina. Journal of Applied Ecology, 1997, 34, 699.	4.0	77
100	Effects of chickens on the prevalence of infestation and population density of Triatoma infestans in rural houses of northâ€west Argentina. Medical and Veterinary Entomology, 1997, 11, 383-388.	1.5	51
101	The role of the peridomiciliary area in the elimination of Triatoma infestans from rural Argentine communities. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 1997, 1, 273-279.	1.1	84
102	Host-Feeding Patterns of Domiciliary Triatoma infestans (Hemiptera: Reduviidae) in Northwest Argentina: Seasonal and Instar Variation. Journal of Medical Entomology, 1996, 33, 15-26.	1.8	46
103	Determinants of the domiciliary density of Triatoma infestans, vector of Chagas disease. Medical and Veterinary Entomology, 1992, 6, 75-83.	1.5	41
104	Feeding Patterns of Triatoma Infestans (Hemiptera: Reduviidae) in Relation to Transmission of American Trypanosomiasis in Argentina1. Journal of Medical Entomology, 1982, 19, 645-654.	1.8	38
105	How is global change affecting Chagas disease landscapes?. Memorias Do Instituto Oswaldo Cruz, 0, 117, .	1.6	3