Agustn Estrada-Pea

List of Publications by Citations

220 papers	7,840 citations	43 h-index	80 g-index
244 ext. papers	9,772 ext. citations	4.2 avg, IF	6.44 L-index

#	Paper	IF	Citations
220	Driving forces for changes in geographical distribution of Ixodes ricinus ticks in Europe. *Parasites and Vectors*, **2013**, 6, 1	4	511
219	Overview: Ticks as vectors of pathogens that cause disease in humans and animals. *Frontiers in Bioscience - Landmark*, **2008**, 13, 6938-46	2.8	449
218	Ticks feeding on humans: a review of records on human-biting Ixodoidea with special reference to pathogen transmission. *Experimental and Applied Acarology*, **1999**, 23, 685-715	2.1	355
217	The Argasidae, Ixodidae and Nuttalliellidae (Acari: Ixodida) of the world: a list of valid species names. *Zootaxa*, **2010**, 2528, 1	0.5	325
216	Tick-Pathogen Interactions and Vector Competence: Identification of Molecular Drivers for Tick-Borne Diseases. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 114	5.9	186
215	The Hard Ticks of the World **2014**,		185
214	A review of canine babesiosis: the European perspective. *Parasites and Vectors*, **2016**, 9, 336	4	173
213	The ecology of ticks and epidemiology of tick-borne viral diseases. *Antiviral Research*, **2014**, 108, 104-28	10.8	168
212	Effects of environmental change on zoonotic disease risk: an ecological primer. *Trends in Parasitology*, **2014**, 30, 205-14	6.4	148
211	Guideline for veterinary practitioners on canine ehrlichiosis and anaplasmosis in Europe. *Parasites and Vectors*, **2015**, 8, 75	4	146
210	Crimean-Congo hemorrhagic fever virus in ticks, Southwestern Europe, 2010. *Emerging Infectious Diseases*, **2012**, 18, 179-80	10.2	128
209	Systematics and ecology of the brown dog tick, Rhipicephalus sanguineus. *Ticks and Tick-borne Diseases*, **2013**, 4, 171-80	3.6	126
208	The taxonomic status of Rhipicephalus sanguineus (Latreille, 1806). *Veterinary Parasitology*, **2015**, 208, 2-8	2.8	123
207	Research on the ecology of ticks and tick-borne pathogens--methodological principles and caveats. *Frontiers in Cellular and Infection Microbiology*, **2013**, 3, 29	5.9	122
206	Climate, niche, ticks, and models: what they are and how we should interpret them. *Parasitology Research*, **2008**, 103 Suppl 1, S87-95	2.4	121
205	Impact of climate trends on tick-borne pathogen transmission. *Frontiers in Physiology*, **2012**, 3, 64	4.6	120
204	Evolutionary changes in symbiont community structure in ticks. *Molecular Ecology*, **2017**, 26, 2905-2921	5.7	119

203	The Amblyomma maculatum Koch, 1844 (Acari: Ixodidae: Amblyomminae) tick group: diagnostic characters, description of the larva of A. parvitarsum Neumann, 1901, 16S rDNA sequences, distribution and hosts. *Systematic Parasitology*, **2005**, 60, 99-112	1	110
202	Crossing the interspecies barrier: opening the door to zoonotic pathogens. *PLoS Pathogens*, **2014**, 10, e1004129	7.6	97
201	Description of all the stages of Ixodes inopinatus n. sp. (Acari: Ixodidae). *Ticks and Tick-borne Diseases*, **2014**, 5, 734-43	3.6	90
200	The relationships between habitat topology, critical scales of connectivity and tick abundanceIxodes ricinusin a heterogeneous landscape in northern Spain. *Ecography*, **2003**, 26, 661-671	6.5	85
199	The role of ticks in the maintenance and transmission of Crimean-Congo hemorrhagic fever virus: A review of published field and laboratory studies. *Antiviral Research*, **2017**, 144, 93-119	10.8	84
198	Reinstatement of Rhipicephalus (Boophilus) australis (Acari: Ixodidae) with redescription of the adult and larval stages. *Journal of Medical Entomology*, **2012**, 49, 794-802	2.2	83
197	Distribution, abundance, and habitat preferences of Ixodes ricinus (Acari: Ixodidae) in northern Spain. *Journal of Medical Entomology*, **2001**, 38, 361-70	2.2	77
196	Control of multiple arthropod vector infestations with subolesin/akirin vaccines. *Vaccine*, **2013**, 31, 1187-96	4	68
195	Allopatric speciation in ticks: genetic and reproductive divergence between geographic strains of Rhipicephalus (Boophilus) microplus. *BMC Evolutionary Biology*, **2009**, 9, 46	3	66
194	Rhipicephalus sanguineus (Latreille, 1806): Neotype designation, morphological re-description of all parasitic stages and molecular characterization. *Ticks and Tick-borne Diseases*, **2018**, 9, 1573-1585	3.6	65
193	Climate niches of tick species in the Mediterranean region: modeling of occurrence data, distributional constraints, and impact of climate change. *Journal of Medical Entomology*, **2007**, 44, 1130-8	2.2	65
192	Increasing Habitat Suitability in the United States for the Tick that Transmits Lyme Disease: A Remote Sensing Approach. *Environmental Health Perspectives*, **2002**, 110, 635-640	8.4	65
191	Prevalence of tick-borne pathogens in ixodid ticks (Acari: Ixodidae) collected from European wild boar (Sus scrofa) and Iberian red deer (Cervus elaphus hispanicus) in central Spain. *European Journal of Wildlife Research*, **2004**, 50, 187-196	2	61
190	Unraveling the ecological complexities of tick-associated Crimean-Congo hemorrhagic fever virus transmission: a gap analysis for the western Palearctic. *Vector-Borne and Zoonotic Diseases*, **2012**, 12, 743-52	2.4	60
189	Increasing habitat suitability in the United States for the tick that transmits Lyme disease: a remote sensing approach. *Environmental Health Perspectives*, **2002**, 110, 635-40	8.4	58
188	Tick-Host-Pathogen Interactions: Conflict and Cooperation. *PLoS Pathogens*, **2016**, 12, e1005488	7.6	57
187	Modeling the spatial distribution of crimean-congo hemorrhagic fever outbreaks in Turkey. *Vector-Borne and Zoonotic Diseases*, **2007**, 7, 667-78	2.4	55
186	Control of Rhipicephalus (Boophilus) microplus infestations by the combination of subolesin vaccination and tick autocidal control after subolesin gene knockdown in ticks fed on cattle. *Vaccine*, **2011**, 29, 2248-54	4.1	54

185	Correlation of Borrelia burgdorferi sensu lato prevalence in questing Ixodes ricinus ticks with specific abiotic traits in the western palearctic. *Applied and Environmental Microbiology*, **2011**, 77, 3838-45	4.8	53
184	A chronological review of experimental infection studies of the role of wild animals and livestock in the maintenance and transmission of Crimean-Congo hemorrhagic fever virus. *Antiviral Research*, **2016**, 135, 31-47	10.8	52
183	Anaplasma phagocytophilum Uses Common Strategies for Infection of Ticks and Vertebrate Hosts. *Trends in Microbiology*, **2016**, 24, 173-180	12.4	51
182	Environmental and Molecular Drivers of the □Gal Syndrome. *Frontiers in Immunology*, **2019**, 10, 1210	8.4	50
181	Prevalence and genotypes of Anaplasma species and habitat suitability for ticks in a Mediterranean ecosystem. *Applied and Environmental Microbiology*, **2008**, 74, 7578-84	4.8	49
180	Interactions between tick and transmitted pathogens evolved to minimise competition through nested and coherent networks. *Scientific Reports*, **2015**, 5, 10361	4.9	47
179	A population model to describe the distribution and seasonal dynamics of the tick Hyalomma marginatum in the Mediterranean Basin. *Transboundary and Emerging Diseases*, **2011**, 58, 213-23	4.2	47
178	Comments on controversial tick (Acari: Ixodida) species names and species described or resurrected from 2003 to 2008. *Experimental and Applied Acarology*, **2009**, 48, 311-27	2.1	44
177	Ixodes inopinatus - Occurring also outside the Mediterranean region. *Ticks and Tick-borne Diseases*, **2018**, 9, 196-200	3.6	42
176	Targeting a global health problem: Vaccine design and challenges for the control of tick-borne diseases. *Vaccine*, **2017**, 35, 5089-5094	4.1	42
175	Current Limitations in the Control and Spread of Ticks that Affect Livestock: A Review. *Agriculture (Switzerland)*, **2013**, 3, 221-235	3	42
174	Vectors of Babesiosis. *Annual Review of Entomology*, **2019**, 64, 149-165	21.8	42
173	Anaplasma phagocytophilum evolves in geographical and biotic niches of vertebrates and ticks. *Parasites and Vectors*, **2019**, 12, 328	4	41
172	An assessment of the distribution and spread of the tick Hyalomma marginatum in the western Palearctic under different climate scenarios. *Vector-Borne and Zoonotic Diseases*, **2012**, 12, 758-68	2.4	41
171	Geostatistics and remote sensing as predictive tools of tick distribution: a cokriging system to estimate Ixodes scapularis (Acari: Ixodidae) habitat suitability in the United States and Canada from advanced very high resolution radiometer satellite imagery. *Journal of Medical Entomology*, **1998**, 35, 989-95	2.2	41
170	Functional and immunological relevance of Anaplasma marginale major surface protein 1a sequence and structural analysis. *PLoS ONE*, **2013**, 8, e65243	3.7	41
169	Crimean-Congo hemorrhagic fever in European part of Turkey: genetic analysis of the virus strains from ticks and a seroepidemiological study in humans. *Vector-Borne and Zoonotic Diseases*, **2011**, 11, 747-52	2.4	40
168	First evidence of established populations of the taiga tick Ixodes persulcatus (Acari: Ixodidae) in Sweden. *Parasites and Vectors*, **2016**, 9, 377	4	40

167	Tick-host conflict: immunoglobulin E antibodies to tick proteins in patients with anaphylaxis to tick bite. *Oncotarget*, **2017**, 8, 20630-20644	3.3	39
166	A review on the eco-epidemiology and clinical management of human granulocytic anaplasmosis and its agent in Europe. *Parasites and Vectors*, **2019**, 12, 599	4	39
165	Mapping of Dermacentor reticulatus expansion in Poland in 2012-2014. *Ticks and Tick-borne Diseases*, **2016**, 7, 94-106	3.6	38
164	Divergent environmental preferences and areas of sympatry of tick species in the Amblyomma cajennense complex (Ixodidae). *International Journal for Parasitology*, **2014**, 44, 1081-9	4.3	38
163	Species of ticks and carried pathogens in owned dogs in Spain: Results of a one-year national survey. *Ticks and Tick-borne Diseases*, **2017**, 8, 443-452	3.6	36
162	High Throughput Sequencing and Network Analysis Disentangle the Microbial Communities of Ticks and Hosts Within and Between Ecosystems. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 236	5.9	36
161	Phylogeographic analysis reveals association of tick-borne pathogen, Anaplasma marginale, MSP1a sequences with ecological traits affecting tick vector performance. *BMC Biology*, **2009**, 7, 57	7.3	36
160	A new on the block: - a human health risk?. *Eurosurveillance*, **2019**, 24,	19.8	36
159	Tick-borne pathogens, transmission rates and climate change. *Frontiers in Bioscience - Landmark*, **2009**, 14, 2674-87	2.8	35
158	Morphological and phylogenetic analyses of Rhipicephalus microplus ticks from Bangladesh, Pakistan and Myanmar. *Ticks and Tick-borne Diseases*, **2018**, 9, 1069-1079	3.6	33
157	Strong evidence for the presence of the tick Hyalomma marginatum Koch, 1844 in southern continental France. *Ticks and Tick-borne Diseases*, **2016**, 7, 1162-1167	3.6	33
156	The Impact of Climate Trends on a Tick Affecting Public Health: A Retrospective Modeling Approach for Hyalomma marginatum (Ixodidae). *PLoS ONE*, **2015**, 10, e0125760	3.7	32
155	Climate Niches of Tick Species in the Mediterranean Region: Modeling of Occurrence Data, Distributional Constraints, and Impact of Climate Change. *Journal of Medical Entomology*, **2007**, 44, 1130-1138	2.2	32
154	An updated meta-analysis of the distribution and prevalence of Borrelia burgdorferi s.l. in ticks in Europe. *International Journal of Health Geographics*, **2018**, 17, 41	3.5	32
153	Flying ticks: anciently evolved associations that constitute a risk of infectious disease spread. *Parasites and Vectors*, **2015**, 8, 538	4	30
152	New reports of Antricola guglielmonei and Antricola delacruzi in Brazil, and a description of a new argasid species (Acari). *Journal of Parasitology*, **2008**, 94, 788-92	0.9	30
151	Climate changes and suitability for the ticks Amblyomma hebraeum and Amblyomma variegatum (Ixodidae) in Zimbabwe (1974-1999). *Veterinary Parasitology*, **2008**, 151, 256-67	2.8	29
150	A comparative test of ixodid tick identification by a network of European researchers. *Ticks and Tick-borne Diseases*, **2017**, 8, 540-546	3.6	28

149	A global set of Fourier-transformed remotely sensed covariates for the description of abiotic niche in epidemiological studies of tick vector species. *Parasites and Vectors*, **2014**, 7, 302	4	28
148	Understanding the relationships between landscape connectivity and abundance of Ixodes ricinus ticks. *Experimental and Applied Acarology*, **2002**, 28, 239-48	2.1	28
147	Effects of Habitat Suitability and Landscape Patterns on Tick (Acarina) Metapopulation Processes. *Landscape Ecology*, **2005**, 20, 529-541	4.3	28
146	Evolutionary Insights into the Tick Hologenome. *Trends in Parasitology*, **2019**, 35, 725-737	6.4	27
145	Variability in cuticular hydrocarbons and phenotypic discrimination of Ixodes ricinus populations (Acarina: Ixodidae) from Europe. *Experimental and Applied Acarology*, **1996**, 20, 457-466	2.1	27
144	Host preferences support the prominent role of Hyalomma ticks in the ecology of Crimean-Congo hemorrhagic fever. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006248	4.8	27
143	New molecular data shed light on the global phylogeny and species limits of the Rhipicephalus sanguineus complex. *Ticks and Tick-borne Diseases*, **2016**, 7, 798-807	3.6	27
142	Contributions to the phylogeny of Ixodes (Pholeoixodes) canisuga, I. (Ph.) kaiseri, I. (Ph.) hexagonus and a simple pictorial key for the identification of their females. *Parasites and Vectors*, **2017**, 10, 545	4	26
141	The distribution of ticks (Acari: Ixodidae) of domestic livestock in Portugal. *Experimental and Applied Acarology*, **2005**, 36, 233-46	2.1	26
140	Species interactions in occurrence data for a community of tick-transmitted pathogens. *Scientific Data*, **2016**, 3, 160056	8.2	25
139	Three new species of Antricola (Acari: Argasidae) from Brazil, with a key to the known species in the genus. *Journal of Parasitology*, **2004**, 90, 490-8	0.9	25
138	Functional Evolution of Subolesin/Akirin. *Frontiers in Physiology*, **2018**, 9, 1612	4.6	25
137	Survey of Crimean-Congo Hemorrhagic Fever Enzootic Focus, Spain, 2011-2015. *Emerging Infectious Diseases*, **2019**, 25, 1177-1184	10.2	24
136	Ixodes ricinus defensins attack distantly-related pathogens. *Developmental and Comparative Immunology*, **2015**, 53, 358-65	3.2	24
135	Methodological caveats in the environmental modelling and projections of climate niche for ticks, with examples for Ixodes ricinus (Ixodidae). *Veterinary Parasitology*, **2015**, 208, 14-25	2.8	24
134	Ixodoidea of the Western Palaearctic: A review of available literature for identification of species. *Ticks and Tick-borne Diseases*, **2017**, 8, 512-525	3.6	23
133	Perspectives on modelling the distribution of ticks for large areas: so far so good?. *Parasites and Vectors*, **2016**, 9, 179	4	23
132	A retrospective study of climatic suitability for the tick Rhipicephalus (Boophilus)microplus in the Americas. *Global Ecology and Biogeography*, **2005**, 14, 565-573	6.1	23

131	Controversies in bacterial taxonomy: The example of the genus Borrelia. *Ticks and Tick-borne Diseases*, **2020**, 11, 101335	3.6	23
130	Nested coevolutionary networks shape the ecological relationships of ticks, hosts, and the Lyme disease bacteria of the Borrelia burgdorferi (s.l.) complex. *Parasites and Vectors*, **2016**, 9, 517	4	23
129	Tick and Host Derived Compounds Detected in the Cement Complex Substance. *Biomolecules*, **2020** , 10,	5.9	22
128	Climate warming and changes in habitat suitability for Boophilus microplus (Acari: Ixodidae) in Central America. *Journal of Parasitology*, **2001**, 87, 978-87	0.9	21
127	Anti-Tick Microbiota Vaccine Impacts Performance during Feeding. *Vaccines*, **2020**, 8,	5.3	21
126	Sex-Specific Linkages Between Taxonomic and Functional Profiles of Tick Gut Microbiomes. *Frontiers in Cellular and Infection Microbiology*, **2019**, 9, 298	5.9	20
125	Assessing the effects of variables and background selection on the capture of the tick climate niche. *International Journal of Health Geographics*, **2013**, 12, 43	3.5	20
124	An early warning system for Crimean-Congo haemorrhagic fever seasonality in Turkey based on remote sensing technology. *Geospatial Health*, **2007**, 2, 127-35	2.2	20
123	The scale affects our view on the identification and distribution of microbial communities in ticks. *Parasites and Vectors*, **2020**, 13, 36	4	19
122	Spread of Dermacentor reticulatus is associated with the loss of forest area. *Experimental and Applied Acarology*, **2017**, 72, 399-413	2.1	19
121	Genomic resources notes accepted 1 April 2014 - 31 May 2014. *Molecular Ecology Resources*, **2014**, 14, 1095	8.4	19
120	Detection of Alpha and Gamma-Proteobacteria in Amblyomma triste (Acari: Ixodidae) from Uruguay. *Experimental and Applied Acarology*, **2008**, 44, 49-56	2.1	19
119	Evidence of the importance of host habitat use in predicting the dilution effect of wild boar for deer exposure to Anaplasma spp. *PLoS ONE*, **2008**, 3, e2999	3.7	19
118	The influence of interspecific competition and host preference on the phylogeography of two African ixodid tick species. *PLoS ONE*, **2013**, 8, e76930	3.7	19
117	Adult tick positive for in Austria, October 2018. *Eurosurveillance*, **2018**, 23,	19.8	19
116	Genomic Characterization of Crimean-Congo Hemorrhagic Fever Virus in Hyalomma Tick from Spain, 2014. *Vector-Borne and Zoonotic Diseases*, **2017**, 17, 714-719	2.4	18
115	Inventory of available data and data sources and proposal for data collection on vector-borne zoonoses in animals. *EFSA Supporting Publications*, **2012**, 9, 234E	1.1	18
114	The Ixodid Ticks (Acari: Ixodidae) of Southern Africa **2018**,		18

113	Linking morphometric and genetic divergence with host use in the tick complex, Ornithodoros capensis sensu lato. *Infection, Genetics and Evolution*, **2016**, 46, 12-22	4.5	18
112	Resistance of Tick Gut Microbiome to Anti-Tick Vaccines, Pathogen Infection and Antimicrobial Peptides. *Pathogens*, **2020**, 9,	4.5	18
111	Crimean-Congo Hemorrhagic Fever in Turkey **2007**, 59-74		18
110	Contributions to the morphology and phylogeny of the newly discovered bat tick species, Ixodes ariadnae in comparison with I. vespertilionis and I. simplex. *Parasites and Vectors*, **2015**, 8, 47	4	17
109	High degree of mitochondrial gene heterogeneity in the bat tick species Ixodes vespertilionis, I. ariadnae and I. simplex from Eurasia. *Parasites and Vectors*, **2015**, 8, 457	4	17
108	Ticks of the Central African Republic. *Experimental and Applied Acarology*, **2013**, 60, 1-40	2.1	17
107	Host Distribution Does Not Limit the Range of the Tick but Impacts the Circulation of Transmitted Pathogens. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 405	5.9	17
106	Diluting the dilution effect: a spatial Lyme model provides evidence for the importance of habitat fragmentation with regard to the risk of infection. *Geospatial Health*, **2009**, 3, 143-55	2.2	17
105	Ecology of Amblyomma neumanni (Acari: Ixodidae). *Acta Tropica*, **2009**, 111, 226-36	3.2	17
104	Changes in Habitat Suitability for the Tick Ixodes ricinus (Acari: Ixodidae) in Europe (19001999). *EcoHealth*, **2006**, 3, 154-162	3.1	17
103	Use of Graph Theory to Characterize Human and Arthropod Vector Cell Protein Response to Infection With. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 265	5.9	16
102	Reservoir and vector evolutionary pressures shaped the adaptation of Borrelia. *Infection, Genetics and Evolution*, **2018**, 66, 308-318	4.5	15
101	Modeling the impact of climate and landscape on the efficacy of white tailed deer vaccination for cattle tick control in northeastern Mexico. *PLoS ONE*, **2014**, 9, e102905	3.7	15
100	A GIS framework for the assessment of tick impact on human health in a changing climate. *Geospatial Health*, **2007**, 1, 157-68	2.2	15
99	Low genetic diversity of Ehrlichia canis associated with high co-infection rates in Rhipicephalus sanguineus (s.l.). *Parasites and Vectors*, **2019**, 12, 12	4	15
98	High throughput discovery and characterization of tick and pathogen vaccine protective antigens using vaccinomics with intelligent Big Data analytic techniques. *Expert Review of Vaccines*, **2018**, 17, 569-576	5.2	15
97	Current debates and advances in tick microbiome research.. *Current Research in Parasitology and Vector-borne Diseases*, **2021**, 1, 100036		15
96	Taxon Appearance From Extraction and Amplification Steps Demonstrates the Value of Multiple Controls in Tick Microbiota Analysis. *Frontiers in Microbiology*, **2020**, 11, 1093	5.7	14

95	Tick-Pathogen Ensembles: Do Molecular Interactions Lead Ecological Innovation?. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 74	5.9	14
94	An update on distribution models for Rhipicephalus microplus in West Africa. *Geospatial Health*, **2013**, 8, 301-8	2.2	14
93	An integrated database on ticks and tick-borne zoonoses in the tropics and subtropics with special reference to developing and emerging countries. *Experimental and Applied Acarology*, **2011**, 54, 65-83	2.1	14
92	Modelling the Phenological Relationships of Questing Immature Ixodes Ricinus (Ixodidae) Using Temperature and NDVI Data. *Zoonoses and Public Health*, **2016**, 63, 40-52	2.9	14
91	Differentiation of Rhipicephalus Ticks (Acari: Ixodidae) by Gas Chromatography of Cuticular Hydrocarbons. *Journal of Parasitology*, **1992**, 78, 982	0.9	13
90	Rejection of the name and all proposed species comb. nov. placed therein. *International Journal of Systematic and Evolutionary Microbiology*, **2020**, 70, 3577-3581	2.2	13
89	Different lines of evidence used to delimit species in ticks: A study of the South American populations of Amblyomma parvum (Acari: Ixodidae). *Ticks and Tick-borne Diseases*, **2016**, 7, 1168-1179	3.6	13
88	Tick species diversity and population dynamics of Ixodes ricinus in Galicia (north-western Spain). *Ticks and Tick-borne Diseases*, **2019**, 10, 132-137	3.6	13
87	Patterns of cuticular hydrocarbon variation and genetic similarity between natural populations of Amblyomma cajennense (Acari: Ixodidae). *Acta Tropica*, **1993**, 55, 61-78	3.2	12
86	Cuticular hydrocarbon composition, phenotypic variability, and geographic relationships in allopatric populations of Amblyomma variegatum (Acari: Ixodidae) from Africa and the Caribbean. *Journal of Medical Entomology*, **1994**, 31, 534-44	2.2	12
85	The fossil record and the origin of ticks revisited. *Experimental and Applied Acarology*, **2018**, 75, 255-261	2.1	11
84	Biotic and abiotic factors shape the microbiota of wild-caught populations of the arbovirus vector Culicoides imicola. *Insect Molecular Biology*, **2018**, 27, 847-861	3.4	11
83	A framework to map abundance of tick metapopulations. *Ecological Modelling*, **2006**, 193, 663-674	3	11
82	Anti-Microbiota Vaccines Modulate the Tick Microbiome in a Taxon-Specific Manner. *Frontiers in Immunology*, **2021**, 12, 704621	8.4	11
81	First record of Hyalomma rufipes in the Czech Republic, with a review of relevant cases in other parts of Europe. *Ticks and Tick-borne Diseases*, **2020**, 11, 101421	3.6	10
80	Tick-borne diseases and co-infection: Current considerations. *Ticks and Tick-borne Diseases*, **2021**, 12, 101607	3.6	10
79	A Novel Combined Scientific and Artistic Approach for the Advanced Characterization of Interactomes: The Akirin/Subolesin Model. *Vaccines*, **2020**, 8,	5.3	9
78	Using multi-criteria risk ranking methodology to select case studies for a generic risk assessment framework for exotic disease incursion and spread through Europe. *Preventive Veterinary Medicine*, **2018**, 153, 47-55	3.1	9

77	Effects produced by the feeding of larvae of Ornithodoros aff. puertoricensis (Acari: Argasidae) on laboratory mice. *Experimental and Applied Acarology*, **2007**, 42, 217-23	2.1	9
76	Efficacy of a collar impregnated with amitraz and pyriproxyfen for prevention of experimental tick infestations by Rhipicephalus sanguineus, Ixodes ricinus, and Ixodes scapularis in dogs. *Journal of the American Veterinary Medical Association*, **2005**, 226, 221-4	1	9
75	Climate and cuticular hydrocarbon variation in Rhipicephalus sanguineus ticks (Acari: Ixodidae). *Zeitschrift Fü Parasitenkunde (Berlin, Germany)*, **1993**, 79, 512-6		9
74	Behind Taxonomic Variability: The Functional Redundancy in the Tick Microbiome. *Microorganisms*, **2020**, 8,	4.9	9
73	Phyloproteomic and functional analyses do not support a split in the genus Borrelia (phylum Spirochaetes). *BMC Evolutionary Biology*, **2019**, 19, 54	3	8
72	Assessing the statistical relationships among water-derived climate variables, rainfall, and remotely sensed features of vegetation: implications for evaluating the habitat of ticks. *Experimental and Applied Acarology*, **2015**, 65, 107-24	2.1	8
71	Could climate trends disrupt the contact rates between Ixodes ricinus (Acari, Ixodidae) and the reservoirs of Borrelia burgdorferi s.l.?. *PLoS ONE*, **2020**, 15, e0233771	3.7	8
70	Functional Redundancy and Ecological Innovation Shape the Circulation of Tick-Transmitted Pathogens. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 234	5.9	8
69	Cattle ticks and tick-borne diseases: a review of Uganda Ts situation. *Ticks and Tick-borne Diseases*, **2021**, 12, 101756	3.6	8
68	Pitfalls in Tick and Tick-Borne Pathogens Research, Some Recommendations and a Call for Data Sharing. *Pathogens*, **2021**, 10,	4.5	7
67	Modelling the potential spread of Hyalomma marginatum ticks in Europe by migratory birds. *International Journal for Parasitology*, **2021**, 51, 1-11	4.3	7
66	Handling the Microbial Complexity Associated to Ticks **2019**,		6
65	Endosymbionts carried by ticks feeding on dogs in Spain. *Ticks and Tick-borne Diseases*, **2019**, 10, 848-852	3.6	6
64	Longitudinal Study of Infection with spp. in Questing Ticks from North-Western Spain. *Vector-Borne and Zoonotic Diseases*, **2019**, 19, 785-792	2.4	6
63	Prediction of habitat suitability for ticks. *Annals of the New York Academy of Sciences*, **2006**, 1078, 275-84	6.5	6
62	Larval feeding performance of two Neotropical Ornithodoros ticks (Acari: Argasidae) on reptiles. *Experimental and Applied Acarology*, **2006**, 39, 315-20	2.1	6
61	Occurrence patterns of Afrotropical ticks (Acari: Ixodidae) in the climate space are not correlated with their taxonomic relationships. *PLoS ONE*, **2012**, 7, e36976	3.7	6
60	Control of tick infestations in wild roe deer (Capreolus capreolus) vaccinated with the Q38 Subolesin/Akirin chimera. *Vaccine*, **2020**, 38, 6450-6454	4.1	6

59	Towards New Horizons: Climate Trends in Europe Increase the Environmental Suitability for Permanent Populations of (Ixodidae). *Pathogens*, **2021**, 10,	4.5	6
58	Modeling Modulation of the Tick Regulome in Response to for the Identification of New Control Targets. *Frontiers in Physiology*, **2019**, 10, 462	4.6	5
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