

Sándor Hornok

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

2,660
citations

159585

30
h-index

233421

45
g-index

102
all docs

102
docs citations

102
times ranked

2375
citing authors

#	ARTICLE	IF	CITATIONS
1	Birds as potential reservoirs of tick-borne pathogens: first evidence of bacteraemia with <i>Rickettsia helvetica</i> . <i>Parasites and Vectors</i> , 2014, 7, 128.	2.5	95
2	Molecular Investigations of <i>Rickettsia helvetica</i> Infection in Dogs, Foxes, Humans, and <i>Ixodes</i> Ticks. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3230-3237.	3.1	93
3	Molecular investigation of hard ticks (Acari: Ixodidae) and fleas (Siphonaptera: Pulicidae) as potential vectors of rickettsial and mycoplasmal agents. <i>Veterinary Microbiology</i> , 2010, 140, 98-104.	1.9	92
4	Molecular detection of vector-borne bacteria in bat ticks (Acari: Ixodidae, Argasidae) from eight countries of the Old and New Worlds. <i>Parasites and Vectors</i> , 2019, 12, 50.	2.5	91
5	First Molecular Evidence of <i>Anaplasma ovis</i> and <i>Rickettsia</i> spp. in Keds (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 83	1.5	83
6	First serological and molecular evidence on the endemicity of <i>Anaplasma ovis</i> and <i>A. marginale</i> in Hungary. <i>Veterinary Microbiology</i> , 2007, 122, 316-322.	1.9	81
7	Molecular identification of <i>Anaplasma marginale</i> and rickettsial endosymbionts in blood-sucking flies (Diptera: Tabanidae, Muscidae) and hard ticks (Acari: Ixodidae). <i>Veterinary Parasitology</i> , 2008, 154, 354-359.	1.8	77
8	Emerging horizons for tick-borne pathogens: from the “one pathogen”one disease” vision to the pathobiome paradigm. <i>Future Microbiology</i> , 2015, 10, 2033-2043.	2.0	67
9	First molecular evidence of <i>Hepatozoon canis</i> infection in red foxes and golden jackals from Hungary. <i>Parasites and Vectors</i> , 2014, 7, 303.	2.5	63
10	First report of adult <i>Hyalomma marginatum rufipes</i> (vector of Crimean-Congo haemorrhagic fever) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 62	2.5	62
11	DNA of Piroplasms of Ruminants and Dogs in Ixodid Bat Ticks. <i>PLoS ONE</i> , 2016, 11, e0167735.	2.5	56
12	High prevalence of <i>Hepatozoon</i> -infection among shepherd dogs in a region considered to be free of <i>Rhipicephalus sanguineus</i> . <i>Veterinary Parasitology</i> , 2013, 196, 189-193.	1.8	54
13	Bovine besnoitiosis emerging in Central-Eastern Europe, Hungary. <i>Parasites and Vectors</i> , 2014, 7, 20.	2.5	54
14	Eco-epidemiology of Novel <i>Bartonella</i> Genotypes from Parasitic Flies of Insectivorous Bats. <i>Microbial Ecology</i> , 2018, 76, 1076-1088.	2.8	50
15	Synanthropic Birds Associated with High Prevalence of Tick-Borne <i>Rickettsiae</i> and with the First Detection of <i>Rickettsia aeschlimannii</i> in Hungary. <i>Vector-Borne and Zoonotic Diseases</i> , 2013, 13, 77-83.	1.5	46
16	Tick- and fly-borne bacteria in ungulates: the prevalence of <i>Anaplasma phagocytophilum</i> , haemoplasmas and rickettsiae in water buffalo and deer species in Central Europe, Hungary. <i>BMC Veterinary Research</i> , 2018, 14, 98.	1.9	46
17	Molecular characterization of two different strains of haemotropic mycoplasmas from a sheep flock with fatal haemolytic anaemia and concomitant <i>Anaplasma ovis</i> infection. <i>Veterinary Microbiology</i> , 2009, 136, 372-377.	1.9	43
18	Occurrence of ticks and prevalence of <i>Anaplasma phagocytophilum</i> and <i>Borrelia burgdorferi</i> s.l. in three types of urban biotopes: Forests, parks and cemeteries. <i>Ticks and Tick-borne Diseases</i> , 2014, 5, 785-789.	2.7	42

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19	East and west separation of <i>Rhipicephalus sanguineus</i> mitochondrial lineages in the Mediterranean Basin. <i>Parasites and Vectors</i> , 2017, 10, 39.	2.5	42
20	Synanthropic rodents and their ectoparasites as carriers of a novel haemoplasma and vector-borne, zoonotic pathogens indoors. <i>Parasites and Vectors</i> , 2015, 8, 27.	2.5	41
21	Screening of bat faeces for arthropod-borne apicomplexan protozoa: <i>Babesia canis</i> and <i>Besnoitia besnoiti</i> -like sequences from Chiroptera. <i>Parasites and Vectors</i> , 2015, 8, 441.	2.5	40
22	Contributions to the phylogeny of <i>Ixodes</i> (<i>Pholeoixodes</i>) <i>canisuga</i> , <i>I. (Ph.) kaiseri</i> , <i>I. (Ph.) hexagonus</i> and a simple pictorial key for the identification of their females. <i>Parasites and Vectors</i> , 2017, 10, 545.	2.5	40
23	Seroprevalence of canine babesiosis in Hungary suggesting breed predisposition. <i>Parasitology Research</i> , 2006, 99, 638-642.	1.6	39
24	Allochronic seasonal peak activities of <i>Dermacentor</i> and <i>Haemaphysalis</i> spp. under continental climate in Hungary. <i>Veterinary Parasitology</i> , 2009, 163, 366-369.	1.8	39
25	Prevalence of <i>Coxiella burnetii</i> in Hungary: Screening of Dairy Cows, Sheep, Commercial Milk Samples, and Ticks. <i>Vector-Borne and Zoonotic Diseases</i> , 2012, 12, 650-653.	1.5	39
26	Bat ticks revisited: <i>Ixodes ariadnae</i> sp. nov. and allopatric genotypes of <i>I. vespertilionis</i> in caves of Hungary. <i>Parasites and Vectors</i> , 2014, 7, 202.	2.5	38
27	Phylogenies from mitochondrial genomes of 120 species of ticks: Insights into the evolution of the families of ticks and of the genus <i>Amblyomma</i> . <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101577.	2.7	38
28	Molecular evidence of <i>Ehrlichia canis</i> and <i>Rickettsia massiliae</i> in ixodid ticks of carnivores from South Hungary. <i>Acta Veterinaria Hungarica</i> , 2013, 61, 42-50.	0.5	37
29	First report on <i>Babesia</i> cf. <i>microti</i> infection of red foxes (<i>Vulpes vulpes</i>) from Hungary. <i>Parasites and Vectors</i> , 2015, 8, 55.	2.5	37
30	<i>Sarcocystis</i> -infection of cattle in Hungary. <i>Parasites and Vectors</i> , 2015, 8, 69.	2.5	36
31	Bats and ticks: host selection and seasonality of bat-specialist ticks in eastern Europe. <i>Parasites and Vectors</i> , 2019, 12, 605.	2.5	35
32	Molecular investigations of the bat tick <i>Argas vespertilionis</i> (Ixodida: Argasidae) and <i>Babesia vesperuginis</i> (Apicomplexa: Piroplasmida) reflect "bat connection" between Central Europe and Central Asia. <i>Experimental and Applied Acarology</i> , 2017, 72, 69-77.	1.6	33
33	Seroprevalence of <i>Toxoplasma gondii</i> and <i>Neospora caninum</i> infection of cats in Hungary. <i>Acta Veterinaria Hungarica</i> , 2008, 56, 81-88.	0.5	32
34	<i>Babesia vesperuginis</i> , a neglected piroplasmid: new host and geographical records, and phylogenetic relations. <i>Parasites and Vectors</i> , 2017, 10, 598.	2.5	31
35	<i>Bartonella</i> DNA in heart tissues of bats in central and eastern Europe and a review of phylogenetic relations of bat-associated bartonellae. <i>Parasites and Vectors</i> , 2018, 11, 489.	2.5	31
36	Re-emergence of bovine piroplasmosis in Hungary: has the etiological role of <i>Babesia divergens</i> been taken over by <i>B. major</i> and <i>Theileria buffeli</i> ?. <i>Parasites and Vectors</i> , 2014, 7, 434.	2.5	30

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37	High mitochondrial sequence divergence in synanthropic flea species (Insecta: Siphonaptera) from Europe and the Mediterranean. <i>Parasites and Vectors</i> , 2018, 11, 221.	2.5	30
38	Effect of Climate and Land Use on the Spatio-Temporal Variability of Tick-Borne Bacteria in Europe. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 732.	2.6	29
39	Argasid Ticks of Palearctic Bats: Distribution, Host Selection, and Zoonotic Importance. <i>Frontiers in Veterinary Science</i> , 2021, 8, 684737.	2.2	27
40	Non-pet dogs as sentinels and potential synanthropic reservoirs of tick-borne and zoonotic bacteria. <i>Veterinary Microbiology</i> , 2013, 167, 700-703.	1.9	25
41	Contributions to the morphology and phylogeny of the newly discovered bat tick species, <i>Ixodes ariadnae</i> in comparison with <i>I. vespertilionis</i> and <i>I. simplex</i> . <i>Parasites and Vectors</i> , 2015, 8, 47.	2.5	25
42	Influence of the Biotope on the Tick Infestation of Cattle and on the Tick-Borne Pathogen Repertoire of Cattle Ticks in Ethiopia. <i>PLoS ONE</i> , 2014, 9, e106452.	2.5	24
43	Mitochondrial gene heterogeneity of the bat soft tick <i>Argas vespertilionis</i> (Ixodida: Argasidae) in the Palaearctic. <i>Parasites and Vectors</i> , 2017, 10, 109.	2.5	24
44	High degree of mitochondrial gene heterogeneity in the bat tick species <i>Ixodes vespertilionis</i> , <i>I. ariadnae</i> and <i>I. simplex</i> from Eurasia. <i>Parasites and Vectors</i> , 2015, 8, 457.	2.5	23
45	Genetic diversity, piroplasms and trypanosomes in <i>Rhipicephalus microplus</i> and <i>Hyalomma anatolicum</i> collected from cattle in northern Pakistan. <i>Experimental and Applied Acarology</i> , 2019, 79, 233-243.	1.6	23
46	Phylogenetic analyses of bat-associated bugs (Hemiptera: Cimicidae: Cimicinae and Cacodminae) indicate two new species close to <i>Cimex lectularius</i> . <i>Parasites and Vectors</i> , 2017, 10, 439.	2.5	22
47	<i>Rickettsia raoultii</i> and <i>Rickettsia sibirica</i> in ticks from the long-tailed ground squirrel near the China–Kazakhstan border. <i>Experimental and Applied Acarology</i> , 2019, 77, 425-433.	1.6	22
48	Molecular analysis of <i>Ixodes rugicollis</i> , <i>Candidatus Neorickettsia</i> sp. (FU98) and a novel <i>Babesia</i> genotype from a European badger (<i>Meles meles</i>). <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 41-44.	2.7	21
49	<i>Rickettsiae</i> in the common pipistrelle <i>Pipistrellus pipistrellus</i> (Chiroptera: Vespertilionidae) and the bat soft tick <i>Argas vespertilionis</i> (Ixodida: Argasidae). <i>Parasites and Vectors</i> , 2020, 13, 10.	2.5	21
50	Vector-Borne Agents Detected in Fleas of the Northern White-Breasted Hedgehog. <i>Vector-Borne and Zoonotic Diseases</i> , 2014, 14, 74-76.	1.5	20
51	Checklist of the hard tick (Acari: Ixodidae) fauna of Hungary with emphasis on host-associations and the emergence of <i>Rhipicephalus sanguineus</i> . <i>Experimental and Applied Acarology</i> , 2020, 80, 311-328.	1.6	20
52	Uneven seasonal distribution of <i>Babesia canis</i> and its two 18S rDNA genotypes in questing <i>Dermacentor reticulatus</i> ticks in urban habitats. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 694-697.	2.7	19
53	Diversity of <i>Haemaphysalis</i> -associated piroplasms of ruminants in Central-Eastern Europe, Hungary. <i>Parasites and Vectors</i> , 2015, 8, 627.	2.5	18
54	Assessing bat droppings and predatory bird pellets for vector-borne bacteria: molecular evidence of bat-associated <i>Neorickettsia</i> sp. in Europe. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1707-1717.	1.7	18

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55	<i>Babesia vesperuginis</i> in Common Pipistrelle (<i>Pipistrellus pipistrellus</i>) and the Bat Soft Tick <i>Argas vespertilionis</i> in the People's Republic of China. <i>Journal of Wildlife Diseases</i> , 2018, 54, 419-421.	0.8	18
56	Molecular identification of badger-associated <i>Babesia</i> sp. DNA in dogs: updated phylogeny of piroplasms infecting Caniformia. <i>Parasites and Vectors</i> , 2018, 11, 235.	2.5	17
57	Molecular phylogeny of <i>Amblyomma exornatum</i> and <i>Amblyomma transversale</i> , with reinstatement of the genus <i>Africaniella</i> (Acari: Ixodidae) for the latter. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101494.	2.7	17
58	Vector-borne transmission of <i>Besnoitia besnoiti</i> by blood-sucking and secretophagous flies: epidemiological and clinicopathological implications. <i>Parasites and Vectors</i> , 2015, 8, 450.	2.5	16
59	Rickettsiae in red fox (<i>Vulpes vulpes</i>), marbled polecat (<i>Vormela peregusna</i>) and their ticks in northwestern China. <i>Parasites and Vectors</i> , 2021, 14, 204.	2.5	15
60	First record of <i>Ixodes ariadnae</i> in Germany – Short communication. <i>Acta Veterinaria Hungarica</i> , 2015, 63, 347-351.	0.5	14
61	Phylogenetic analysis of <i>Haemaphysalis erinacei</i> Pavesi, 1884 (Acari: Ixodidae) from China, Turkey, Italy and Romania. <i>Parasites and Vectors</i> , 2016, 9, 643.	2.5	14
62	Molecular evidence of a badger-associated <i>Ehrlichia</i> sp., a Candidatus <i>Neoehrlichia lotoris</i> -like genotype and <i>Anaplasma marginale</i> in dogs. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1302-1309.	2.7	14
63	Evidence for host-specificity of <i>Theileria capreoli</i> genotypes in cervids. <i>Parasites and Vectors</i> , 2017, 10, 473.	2.5	13
64	DNA of free-living bodonids (Euglenozoa: Kinetoplastea) in bat ectoparasites: potential relevance to the evolution of parasitic trypanosomatids. <i>Acta Veterinaria Hungarica</i> , 2017, 65, 531-540.	0.5	13
65	DNA of <i>Theileria orientalis</i> , <i>T. equi</i> and <i>T. capreoli</i> in stable flies (<i>Stomoxys calcitrans</i>). <i>Parasites and Vectors</i> , 2020, 13, 186.	2.5	13
66	An unexpected advantage of insectivory: insect moulting hormones ingested by song birds affect their ticks. <i>Scientific Reports</i> , 2016, 6, 23390.	3.3	12
67	Description of a new tick species, <i>Ixodes collaris</i> n. sp. (Acari: Ixodidae), from bats (Chiroptera: Tj ETQq1 1 0.784314.rgBT / Overlock	2.5	12
68	On the way between Africa and Europe: Molecular taxonomy of ticks collected from birds in Malta. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 102001.	2.7	12
69	First molecular identification of Candidatus <i>Mycoplasma haemominutum</i> ™ from a cat with fatal haemolytic anaemia in Hungary. <i>Acta Veterinaria Hungarica</i> , 2008, 56, 441-450.	0.5	11
70	Birds as disseminators of ixodid ticks and tick-borne pathogens: note on the relevance to migratory routes. <i>Ornis Hungarica</i> , 2012, 20, 86-89.	0.4	11
71	<i>Babesia</i> genotypes in <i>Haemaphysalis concinna</i> collected from birds in Hungary reflect phylogeographic connections with Siberia and the Far East. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 666-670.	2.7	11
72	Wide Distribution and Diversity of Malaria-Related Haemosporidian Parasites (<i>Polychromophilus</i> spp.) in Bats and Their Ectoparasites in Eastern Europe. <i>Microorganisms</i> , 2021, 9, 230.	3.6	11

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73	Infestation of <i>Rhipicephalus sanguineus</i> sensu lato on cats in Malta. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1120-1124.	2.7	9
74	First record of <i>Ixodes simplex</i> found on a human host, with a review of cases of human infestation by bat tick species occurring in Europe. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101722.	2.7	9
75	Molecular epidemiological study on ticks and tick-borne protozoan parasites (Apicomplexa: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50) (<i>Sciurus vulgaris</i>) in central Europe, Hungary. <i>Parasites and Vectors</i> , 2022, 15, .	2.5	9
76	Molecular screening for Anaplasmataceae in ticks and tsetse flies from Ethiopia. <i>Acta Veterinaria Hungarica</i> , 2016, 64, 65-70.	0.5	8
77	Impact of a freeway on the dispersal of ticks and <i>Ixodes ricinus</i> -borne pathogens: forested resting areas may become Lyme disease hotspots. <i>Acta Veterinaria Hungarica</i> , 2017, 65, 242-252.	0.5	8
78	Morphological and molecular divergence of <i>Rhipicephalus turanicus</i> tick from Albania and China. <i>Experimental and Applied Acarology</i> , 2017, 73, 493-499.	1.6	7
79	Anaplasmataceae closely related to <i>Ehrlichia chaffeensis</i> and <i>Neorickettsia helminthoeca</i> from birds in Central Europe, Hungary. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1067-1073.	1.7	7
80	The heart microbiome of insectivorous bats from Central and South Eastern Europe. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2021, 75, 101605.	1.6	7
81	Molecular survey of <i>Babesia</i> spp. in red foxes (<i>Vulpes Vulpes</i>), Asian badgers (<i>Meles leucurus</i>) and their ticks in China. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101710.	2.7	7
82	Rickettsiaceae in two reptile-associated tick species, <i>Amblyomma exornatum</i> and <i>Africaniella transversale</i> : First evidence of <i>Occidentia massiliensis</i> in hard ticks (Acari: Ixodidae). <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101830.	2.7	7
83	Investigation on haplotypes of ixodid ticks and retrospective finding of <i>Borrelia miyamotoi</i> in bank vole (<i>Myodes glareolus</i>) in Switzerland. <i>Ticks and Tick-borne Diseases</i> , 2021, 13, 101865.	2.7	7
84	Description of the male and the larva of <i>Ixodes ariadnae</i> Hornok, 2014. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 1252-1255.	2.7	6
85	First record of <i>Ixodes ariadnae</i> in Western Europe, Belgium " Short communication. <i>Acta Veterinaria Hungarica</i> , 2016, 64, 467-471.	0.5	6
86	First records and molecular-phylogenetic analyses of three tick species (<i>Ixodes kaiseri</i> , <i>Hyalomma</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	6
87	Morphology of <i>Pholeioxodes</i> species associated with carnivores in the western Palearctic: Pictorial key based on molecularly identified <i>Ixodes</i> (Ph.) <i>canisuga</i> , I. (Ph.) <i>hexagonus</i> and I. (Ph.) <i>kaiseri</i> males, nymphs and larvae. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101715.	2.7	6
88	<i>Babesia gibsoni</i> emerging with high prevalence and co-infections in "fighting dogs" in Hungary. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100048.	1.9	6
89	Illustrated redescription of the male of <i>Ixodes simplex</i> Neumann, 1906. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1328-1330.	2.7	5
90	Diversity of tick species and associated pathogens on peri-urban wild boars " First report of the zoonotic <i>Babesia</i> cf. <i>crassa</i> from Hungary. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101936.	2.7	5

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91	Haematospirillum and insect Wolbachia DNA in avian blood. Antonie Van Leeuwenhoek, 2018, 111, 479-483.	1.7	4
92	Ecdysteroids are present in the blood of wild passerine birds. Scientific Reports, 2019, 9, 17002.	3.3	4
93	Five ixodid tick species including two morphotypes of Rhipicephalus turanicus on nestlings of Eurasian eagle owl (Bubo bubo) from south-eastern Bulgaria. Parasites and Vectors, 2021, 14, 334.	2.5	4
94	Dogs are final hosts of Sarcocystis morae (Apicomplexa: Sarcocystidae): First report of this species in Hungary and its region " Short communication. Acta Veterinaria Hungarica, 2021, 69, 157-160.	0.5	4
95	First broad-range molecular screening of tick-borne pathogens in Ixodes (Pholeoixodes) kaiseri, with special emphasis on piroplasms. Acta Veterinaria Hungarica, 2020, 68, 30-33.	0.5	4
96	Urban emergence of Dermanyssus gallinae lineage L1 and Ornithonyssus sylviarum in Hungary: phylogenetic differentiation between the roles of migrating vs transported synanthropic birds. Parasites and Vectors, 2021, 14, 147.	2.5	3
97	Description of a new bat-associated bug species of the Cimex lectularius group from Vietnam. Acta Veterinaria Hungarica, 2018, 66, 607-612.	0.5	2
98	Description of the male and the larva of Ixodes collaris Hornok, 2016 with drawings of all stages. Parasites and Vectors, 2019, 12, 144.	2.5	1
99	Latrocimicinae completes the phylogeny of Cimicidae: meeting old morphologic data rather than modern host phylogeny. Parasites and Vectors, 2021, 14, 441.	2.5	1
100	Arthropod moulting hormones (ecdysteroids) are present in the blood of insectivorous bats. Mammal Review, 0, , .	4.8	0