

Maria Kazimirova

List of Publications by Year in descending order

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74
papers

3,439
citations

201674

27
h-index

144013

57
g-index

74
all docs

74
docs citations

74
times ranked

3452
citing authors

#	ARTICLE	IF	CITATIONS
1	Driving forces for changes in geographical distribution of <i>Ixodes ricinus</i> ticks in Europe. <i>Parasites and Vectors</i> , 2013, 6, 1.	2.5	684
2	<i>Ixodes ricinus</i> and Its Transmitted Pathogens in Urban and Peri-Urban Areas in Europe: New Hazards and Relevance for Public Health. <i>Frontiers in Public Health</i> , 2014, 2, 251.	2.7	335
3	Tick salivary compounds: their role in modulation of host defences and pathogen transmission. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 43.	3.9	263
4	The Essential Role of Tick Salivary Glands and Saliva in Tick Feeding and Pathogen Transmission. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 281.	3.9	247
5	Exposed and concealed antigens as vaccine targets for controlling ticks and tick-borne diseases. <i>Parasite Immunology</i> , 2006, 28, 155-163.	1.5	165
6	An Antivector Vaccine Protects against a Lethal Vector-Borne Pathogen. <i>PLoS Pathogens</i> , 2006, 2, e27.	4.7	165
7	Tick-Borne Viruses and Biological Processes at the Tick-Host-Virus Interface. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 339.	3.9	111
8	Variagin, a Novel Fast and Tight Binding Thrombin Inhibitor from the Tropical Bont Tick. <i>Journal of Biological Chemistry</i> , 2007, 282, 29101-29113.	3.4	96
9	<i>Anaplasma phagocytophilum</i> evolves in geographical and biotic niches of vertebrates and ticks. <i>Parasites and Vectors</i> , 2019, 12, 328.	2.5	84
10	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
11	Effects of deer density on tick infestation of rodents and the hazard of tick-borne encephalitis. I: Empirical assessment. <i>International Journal for Parasitology</i> , 2012, 42, 365-372.	3.1	53
12	<i>Babesia</i> spp. in ticks and wildlife in different habitat types of Slovakia. <i>Parasites and Vectors</i> , 2016, 9, 292.	2.5	48
13	Vasotab, a vasoactive peptide from horse fly <i>Hybomitra bimaculata</i> (Diptera, Tabanidae) salivary glands. <i>Journal of Experimental Biology</i> , 2006, 209, 343-352.	1.7	47
14	Diverse tick-borne microorganisms identified in free-living ungulates in Slovakia. <i>Parasites and Vectors</i> , 2018, 11, 495.	2.5	46
15	First detections of <i>Rickettsia helvetica</i> and <i>R. monacensis</i> in ectoparasitic mites (Laelapidae) and <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 2465-2472.	1.6	44
16	Non-Hemagglutinating Flaviviruses: Molecular Mechanisms for the Emergence of New Strains via Adaptation to European Ticks. <i>PLoS ONE</i> , 2009, 4, e7295.	2.5	44
17	<i>Anaplasma phagocytophilum</i> prevalence in ticks and rodents in an urban and natural habitat in South-Western Slovakia. <i>Parasites and Vectors</i> , 2015, 8, 276.	2.5	43
18	The natural infection of birds and ticks feeding on birds with <i>Rickettsia</i> spp. and <i>Coxiella burnetii</i> in Slovakia. <i>Experimental and Applied Acarology</i> , 2016, 68, 299-314.	1.6	43

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19	Survival dynamics of tick-borne encephalitis virus in <i>Ixodes ricinus</i> ticks. <i>Ticks and Tick-borne Diseases</i> , 2014, 5, 962-969.	2.7	41
20	Crystal Structure of Thrombin in Complex with S-Variagin: Insights of a Novel Mechanism of Inhibition and Design of Tunable Thrombin Inhibitors. <i>PLoS ONE</i> , 2011, 6, e26367.	2.5	40
21	<i>Arsenophonus nasoniae</i> and <i>Rickettsia</i> Infection of <i>Ixodes ricinus</i> Due to Parasitic Wasp <i>Ixodiphagus hookeri</i> . <i>PLoS ONE</i> , 2016, 11, e0149950.	2.5	38
22	Functional role of 64P, the candidate transmission-blocking vaccine antigen from the tick, <i>Rhipicephalus appendiculatus</i> . <i>International Journal for Parasitology</i> , 2009, 39, 1485-1494.	3.1	37
23	Allergenomics of the tick <i>Ixodes ricinus</i> reveals important "carrying IgE-binding proteins in red meat allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 217-220.	5.7	37
24	Molecular evidence of <i>Rickettsia</i> spp. in ixodid ticks and rodents in suburban, natural and rural habitats in Slovakia. <i>Parasites and Vectors</i> , 2017, 10, 158.	2.5	36
25	<i>Borrelia miyamotoi</i> and Co-Infection with <i>Borrelia afzelii</i> in <i>Ixodes ricinus</i> Ticks and Rodents from Slovakia. <i>Microbial Ecology</i> , 2017, 73, 1000-1008.	2.8	33
26	Molecular detection and phylogenetic analysis of Hepatozoon spp. in questing <i>Ixodes ricinus</i> ticks and rodents from Slovakia and Czech Republic. <i>Parasitology Research</i> , 2016, 115, 3897-3904.	1.6	30
27	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
28	Metal accumulation by <i>Ceratitis capitata</i> (Diptera) and transfer to the parasitic wasp <i>Coptera occidentalis</i> (Hymenoptera). <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1822-1829.	4.3	28
29	Deciphering Biological Processes at the Tick-Host Interface Opens New Strategies for Treatment of Human Diseases. <i>Frontiers in Physiology</i> , 2019, 10, 830.	2.8	28
30	Mitogenomes reveal diversity of the European Lyme borreliosis vector <i>Ixodes ricinus</i> in Italy. <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 194-202.	2.7	26
31	Isolation and propagation of a <i>Spiroplasma</i> sp. from Slovakian <i>Ixodes ricinus</i> ticks in <i>Ixodes</i> spp. cell lines. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 601-606.	2.7	25
32	An Inhibitor of Thrombin-Stimulated Blood Platelet Aggregation from the Salivary Glands of the Hard Tick <i>Amblyomma variegatum</i> (Acari: Ixodidae). <i>Experimental and Applied Acarology</i> , 2002, 28, 97-105.	1.6	24
33	Relative density of host-seeking ticks in different habitat types of south-western Slovakia. <i>Experimental and Applied Acarology</i> , 2016, 69, 205-224.	1.6	23
34	Nuclease Tudor-SN Is Involved in Tick dsRNA-Mediated RNA Interference and Feeding but Not in Defense against Flaviviral or <i>Anaplasma phagocytophilum</i> Rickettsial Infection. <i>PLoS ONE</i> , 2015, 10, e0133038.	2.5	23
35	Transcriptional Immunoprofiling at the Tick-Virus-Host Interface during Early Stages of Tick-Borne Encephalitis Virus Transmission. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 494.	3.9	22
36	Tick-borne viruses. <i>Acta Virologica</i> , 2017, 61, 413-427.	0.8	22

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37	Seasonal analysis of Rickettsia species in ticks in an agricultural site of Slovakia. Experimental and Applied Acarology, 2016, 68, 315-324.	1.6	21
38	Diversity and prevalence of Bartonella species in small mammals from Slovakia, Central Europe. Parasitology Research, 2017, 116, 3087-3095.	1.6	21
39	Tick-Borne Encephalitis Virus Structural Proteins Are the Primary Viral Determinants of Non-Viraemic Transmission between Ticks whereas Non-Structural Proteins Affect Cytotoxicity. PLoS ONE, 2016, 11, e0158105.	2.5	20
40	Candidatus Neoehrlichia mikurensis in ticks and rodents from urban and natural habitats of South-Western Slovakia. Parasites and Vectors, 2016, 9, 2.	2.5	18
41	Ticks and their epidemiological role in Slovakia: from the past till present. Biologia (Poland), 2022, 77, 1575-1610.	1.5	17
42	Identification of Anticoagulant Activities in Salivary Gland Extracts of Four Horsefly Species (Diptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf and Thrombosis Research, 2001, 31, 294-305.	0.3	15
43	Anticoagulant activities in salivary glands of tabanid flies. Medical and Veterinary Entomology, 2002, 16, 301-309.	1.5	14
44	Avathrin: a novel thrombin inhibitor derived from a multicopy precursor in the salivary glands of the ixodid tick, <i>Amblyomma variegatum</i>. FASEB Journal, 2017, 31, 2981-2995.	0.5	14
45	Presence of Roe Deer Affects the Occurrence of Anaplasma phagocytophilum Ecotypes in Questing Ixodes ricinus in Different Habitat Types of Central Europe. International Journal of Environmental Research and Public Health, 2019, 16, 4725.	2.6	14
46	Immunization with recombinant subolesin does not reduce tick infection with tick-borne encephalitis virus nor protect mice against disease. Vaccine, 2013, 31, 1582-1589.	3.8	13
47	Noncompetitive Inhibitor of Thrombin. ChemBioChem, 2009, 10, 2155-2158.	2.6	12
48	Vasodilatory activity in horsefly and deerfly salivary glands. Medical and Veterinary Entomology, 2003, 17, 395-402.	1.5	9
49	Vasoconstriction induced by salivary gland extracts from ixodid ticks. International Journal for Parasitology, 2015, 45, 879-883.	3.1	9
50	Isolation and partial characterisation of a novel Trypanosoma from the tick Ixodes ricinus. Ticks and Tick-borne Diseases, 2020, 11, 101501.	2.7	9
51	Tick-Borne Encephalitis Virus Infection Alters the Sialome of Ixodes ricinus Ticks During the Earliest Stages of Feeding. Frontiers in Cellular and Infection Microbiology, 2020, 10, 41.	3.9	9
52	An insight into the sialome of the horse fly, Tabanus bromius. Insect Biochemistry and Molecular Biology, 2015, 65, 83-90.	2.7	8
53	Modulation of human lymphocyte proliferation by salivary gland extracts of ixodid ticks (Acari:) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10 Tf	1.3	8
54	Larval morphology and development of Coptera occidentalis. BioControl, 1999, 44, 263-280.	2.0	7

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55	Borrelia afzelii Gene Expression in Ixodes ricinus (Acari: Ixodidae) Ticks. Vector-Borne and Zoonotic Diseases, 2006, 6, 296-304.	1.5	7
56	Evaluation of Chimeric Yellow Fever 17D/Dengue Viral Replication in Ticks. Vector-Borne and Zoonotic Diseases, 2012, 12, 979-985.	1.5	6
57	Hymenopteran Parasitoids of Hard Ticks in Western Africa and the Russian Far East. Microorganisms, 2020, 8, 1992.	3.6	6
58	Geographical Distribution of Ljungan Virus in Small Mammals in Europe. Vector-Borne and Zoonotic Diseases, 2020, 20, 692-702.	1.5	5
59	Ticks and the effects of their saliva on growth factors involved in skin wound healing. Journal of Venom Research, 2020, 10, 45-52.	0.6	5
60	Modulation of human lymphocyte proliferation by salivary gland extracts of ixodid ticks (Acari: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.3	5
61	New challenges posed by ticks and tick-borne diseases. , 0, , 1.		5
62	Effects of horsefly (Tabanidae) salivary gland extracts on isolated perfused rat heart. Medical and Veterinary Entomology, 2007, 21, 384-389.	1.5	4
63	Specific point mutations in the envelope protein of Tick-borne encephalitis virus enhance non-viraemic transmission efficiency in a tick vector. International Journal of Infectious Diseases, 2010, 14, e45-e46.	3.3	4
64	Dogs as sentinels for distribution of spotted-fever group rickettsiae in Slovakia. Travel Medicine and Infectious Disease, 2018, 26, 64-65.	3.0	4
65	Tick Saliva and Its Role in Pathogen Transmission. , 2018, , 121-191.		4
66	METAL ACCUMULATION BY CERATITIS CAPITATA (DIPTERA) AND TRANSFER TO THE PARASITIC WASP COPTERA OCCIDENTALIS (HYMENOPTERA). Environmental Toxicology and Chemistry, 2000, 19, 1822.	4.3	4
67	Anti-proliferative activity and apoptotic effect of tick salivary gland extracts on human HeLa cells. Neuroendocrinology Letters, 2006, 27 Suppl 2, 48-52.	0.2	4
68	Pharmacologically Active Compounds from Ticks and Other Arthropods and Their Potential Use in Anticancer Therapy. , 2012, , 163-182.		2
69	Tick-Borne Viruses and Host Skin Interface. , 2018, , 325-383.		2
70	Geographical Distribution and Genetic Diversity of Bank Vole Hepaciviruses in Europe. Viruses, 2021, 13, 1258.	3.3	2
71	Evolutionary Relationships of Ljungan Virus Variants Circulating in Multi-Host Systems across Europe. Viruses, 2021, 13, 1317.	3.3	2
72	Tiny Ticks are Vast Sources of Antihaemostatic Factors. , 2010, , 113-130.		2

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73	Ixodid tick salivary gland extracts suppress human transforming growth factor- β 1 triggered signalling pathways in cervical carcinoma cells. <i>Biologia (Poland)</i> , 2018, 73, 1109-1122.	1.5	1
74	In vitro splenocyte proliferation responses of BALB/c mice to salivary gland extracts of three ixodid tick species (Acari: Ixodidae). <i>Biologia (Poland)</i> , 2007, 62, 786-792.	1.5	0