

Jukka HytÄŕnen

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,275
citations

331670

21
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluid- or Surface-Phase Human Salivary Scavenger Protein gp340 Exposes Different Bacterial Recognition Properties. <i>Infection and Immunity</i> , 2005, 73, 2245-2252.	2.2	112
2	The SpeB virulence factor of <i>Streptococcus pyogenes</i> , a multifunctional secreted and cell surface molecule with strepadhesin, laminin-binding and cysteine protease activity. <i>Molecular Microbiology</i> , 2001, 39, 512-519.	2.5	91
3	CXCL13 and neopterin concentrations in cerebrospinal fluid of patients with Lyme neuroborreliosis and other diseases that cause neuroinflammation. <i>Journal of Neuroinflammation</i> , 2014, 11, 103.	7.2	81
4	Crowdsourcing-based nationwide tick collection reveals the distribution of <i>Ixodes ricinus</i> and <i>I. persulcatus</i> and associated pathogens in Finland. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	6.5	75
5	Lyme Borreliosis in Finland, 1995–2014. <i>Emerging Infectious Diseases</i> , 2017, 23, 1282-1288.	4.3	69
6	Tick-borne pathogens in Finland: comparison of <i>Ixodes ricinus</i> and <i>I. persulcatus</i> in sympatric and parapatric areas. <i>Parasites and Vectors</i> , 2018, 11, 556.	2.5	50
7	<i>Streptococcus pyogenes</i> Glycoprotein-Binding Strepadhesin Activity Is Mediated by a Surface-Associated Carbohydrate-Degrading Enzyme, Pullulanase. <i>Infection and Immunity</i> , 2003, 71, 784-793.	2.2	48
8	Anti-Tumor Necrosis Factor- α Treatment Activates <i>Borrelia burgdorferi</i> Spirochetes 4 Weeks after Ceftriaxone Treatment in C3H/He Mice. <i>Journal of Infectious Diseases</i> , 2007, 195, 1489-1496.	4.0	48
9	Leucine-rich Repeats of Bacterial Surface Proteins Serve as Common Pattern Recognition Motifs of Human Scavenger Receptor gp340. <i>Journal of Biological Chemistry</i> , 2009, 284, 18614-18623.	3.4	46
10	Cerebrospinal fluid cytokines in Lyme neuroborreliosis. <i>Journal of Neuroinflammation</i> , 2016, 13, 273.	7.2	42
11	Persistence of borrelial DNA in the joints of <i>Borrelia burgdorferi</i> -infected mice after ceftriaxone treatment. <i>Apim</i> , 2010, 118, 665-673.	2.0	40
12	Assessing the abundance, seasonal questing activity, and <i>Borrelia</i> and tick-borne encephalitis virus (TBEV) prevalence of <i>Ixodes ricinus</i> ticks in a Lyme borreliosis endemic area in Southwest Finland. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 208-215.	2.7	39
13	Use of flow cytometry for the adhesion analysis of <i>Streptococcus pyogenes</i> mutant strains to epithelial cells: investigation of the possible role of surface pullulanase and cysteine protease, and the transcriptional regulator Rgg. <i>BMC Microbiology</i> , 2006, 6, 18.	3.3	37
14	Use of CFSE staining of borreliae in studies on the interaction between borreliae and human neutrophils. <i>BMC Microbiology</i> , 2006, 6, 92.	3.3	37
15	<i>Borrelia burgdorferi</i> inhibits human neutrophil functions. <i>Microbes and Infection</i> , 2008, 10, 60-68.	1.9	32
16	<i>Bordetella pertussis</i> Isolates in Finland: Serotype and Fimbrial Expression. <i>BMC Microbiology</i> , 2008, 8, 162.	3.3	31
17	Decorin Binding by DbpA and B of <i>Borrelia garinii</i> , <i>Borrelia afzelii</i> , and <i>Borrelia burgdorferi</i> Sensu Stricto. <i>Journal of Infectious Diseases</i> , 2011, 204, 65-73.	4.0	28
18	Decorin Binding Proteins of <i>Borrelia burgdorferi</i> Promote Arthritis Development and Joint Specific Post-Treatment DNA Persistence in Mice. <i>PLoS ONE</i> , 2015, 10, e0121512.	2.5	27

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19	Oral Doxycycline Compared to Intravenous Ceftriaxone in the Treatment of Lyme Neuroborreliosis: A Multicenter, Equivalence, Randomized, Open-label Trial. <i>Clinical Infectious Diseases</i> , 2021, 72, 1323-1331.	5.8	26
20	Deficiency of the Rgg Regulator Promotes H ₂ O ₂ Resistance, AhpCF-Mediated H ₂ O ₂ Decomposition, and Virulence in <i>Streptococcus pyogenes</i> . <i>Journal of Bacteriology</i> , 2008, 190, 3225-3235.	2.2	24
21	Persistent joint swelling and borrelia-specific antibodies in <i>Borrelia garinii</i> -infected mice after eradication of vegetative spirochetes with antibiotic treatment. <i>Microbes and Infection</i> , 2006, 8, 2044-2051.	1.9	22
22	Population-based <i>Borrelia burgdorferi sensu lato</i> seroprevalence and associated risk factors in Finland. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 275-280.	2.7	22
23	Aetiology of febrile pharyngitis in children: Potential of myxovirus resistance protein A (MxA) as a biomarker of viral infection. <i>Journal of Infection</i> , 2017, 74, 385-392.	3.3	21
24	Transcriptional response of human dendritic cells to <i>Borrelia garinii</i> -defective CD38 and CCR7 expression detected. <i>Journal of Leukocyte Biology</i> , 2007, 82, 33-43.	3.3	20
25	Flow-Tolerant Adhesion of a Bacterial Pathogen to Human Endothelial Cells Through Interaction With Biglycan. <i>Journal of Infectious Diseases</i> , 2016, 213, 1623-1631.	4.0	18
26	Identification of a novel glycoprotein-binding activity in <i>Streptococcus pyogenes</i> regulated by the <i>mga</i> gene. <i>Microbiology (United Kingdom)</i> , 2000, 146, 31-39.	1.8	18
27	Disordered Lymphoid Purine Metabolism Contributes to the Pathogenesis of Persistent <i>Borrelia garinii</i> Infection in Mice. <i>Journal of Immunology</i> , 2010, 184, 5112-5120.	0.8	17
28	Louse-borne relapsing fever in Finland in two asylum seekers from Somalia. <i>Apmis</i> , 2017, 125, 59-62.	2.0	16
29	Point-of-care testing for CXCL13 in Lyme neuroborreliosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 91, 226-228.	1.8	15
30	<i>Borrelia afzelii</i> alters reproductive success in a rodent host. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181056.	2.6	15
31	<i>Borrelia burgdorferi</i> Infection in Biglycan Knockout Mice. <i>Journal of Infectious Diseases</i> , 2019, 220, 116-126.	4.0	13
32	Targeting of vascular adhesion protein-1 by positron emission tomography visualizes sites of inflammation in <i>Borrelia burgdorferi</i> -infected mice. <i>Arthritis Research and Therapy</i> , 2017, 19, 254.	3.5	11
33	TLR2 Utilization of <i>Borrelia</i> Does Not Induce p38- and IFN- γ Autocrine Loop-Dependent Expression of CD38, Resulting in Poor Migration and Weak IL-12 Secretion of Dendritic Cells. <i>Journal of Immunology</i> , 2010, 184, 5732-5742.	0.8	10
34	Nanomechanical mechanisms of Lyme disease spirochete motility enhancement in extracellular matrix. <i>Communications Biology</i> , 2021, 4, 268.	4.4	9
35	Array-in-well platform-based multiplex assay for the simultaneous detection of anti-HIV- and treponemal-antibodies, and Hepatitis B surface antigen. <i>Journal of Immunological Methods</i> , 2016, 429, 21-27.	1.4	7
36	Lyme borreliosis in Finland: a register-based linkage study. <i>BMC Infectious Diseases</i> , 2020, 20, 819.	2.9	7

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37	Structural and Biomolecular Analyses of <i>Borrelia burgdorferi</i> BmpD Reveal a Substrate-Binding Protein of an ABC-Type Nucleoside Transporter Family. <i>Infection and Immunity</i> , 2020, 88, .	2.2	6
38	Europium Nanoparticle-Based High Performing Immunoassay for the Screening of Treponemal Antibodies. <i>PLoS ONE</i> , 2013, 8, e84050.	2.5	5
39	Lyme Borreliosis and Deficient Mannose-Binding Lectin Pathway of Complement. <i>Journal of Immunology</i> , 2015, 194, 358-363.	0.8	5
40	Predicting the ligand-binding properties of <i>Borrelia burgdorferi</i> s.s. Bmp proteins in light of the conserved features of related <i>Borrelia</i> proteins. <i>Journal of Theoretical Biology</i> , 2019, 462, 97-108.	1.7	5
41	Clinical performance and analytical accuracy of a C6 peptide-based point-of-care lateral flow immunoassay in Lyme borreliosis serology. <i>Diagnostic Microbiology and Infectious Disease</i> , 2022, 103, 115657.	1.8	5
42	NMR metabolome of <i>Borrelia burgdorferi</i> in vitro and in vivo in mice. <i>Scientific Reports</i> , 2019, 9, 8049.	3.3	4
43	C6 peptide enzyme immunoassay in Lyme borreliosis serology. <i>Journal of Microbiological Methods</i> , 2021, 180, 106122.	1.6	4
44	Conserved lysine residues in decorin binding proteins of <i>Borrelia garinii</i> are critical in adhesion to human brain microvascular endothelial cells. <i>Molecular Microbiology</i> , 2021, 115, 1395-1409.	2.5	4
45	Reply to Wormser et al. and to McSweegan. <i>Journal of Infectious Diseases</i> , 2007, 196, 1866-1867.	4.0	3
46	Absence of <i>Francisella tularensis</i> in Finnish <i>Ixodes ricinus</i> and <i>Ixodes persulcatus</i> ticks. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101809.	2.7	3
47	Cerebral vasculitis and intracranial multiple aneurysms in a child with Lyme neuroborreliosis. <i>JMM Case Reports</i> , 2017, 4, e005090.	1.3	3
48	Cerebrospinal Fluid Pleocytosis and Elevated C-X-C Motif Chemokine Ligand 13 Value Predict Lyme Borreliosis in Children With Facial Palsy. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, 1195-1198.	2.0	1
49	Serum Matrix Metalloproteinase-8 and -9 Levels in Disseminated Lyme Borreliosis with Special Reference to Arthritis. <i>Bio</i> , 2012, 2, 68-74.	0.6	1