

Yasuko Rikihisa

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183
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186
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12,520
ext. citations

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L-index

#	Paper	IF	Citations
183	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
182	Comparative genomics of emerging human ehrlichiosis agents. <i>PLoS Genetics</i> , 2006 , 2, e21	6	363
181	Ehrlichia ewingii, a newly recognized agent of human ehrlichiosis. <i>New England Journal of Medicine</i> , 1999 , 341, 148-55	59.2	329
180	Ehrlichia chaffeensis and Anaplasma phagocytophilum lack genes for lipid A biosynthesis and incorporate cholesterol for their survival. <i>Infection and Immunity</i> , 2003 , 71, 5324-31	3.7	209
179	Novel genetic variants of Anaplasma phagocytophilum, Anaplasma bovis, Anaplasma centrale, and a novel Ehrlichia sp. in wild deer and ticks on two major islands in Japan. <i>Applied and Environmental Microbiology</i> , 2006 , 72, 1102-9	4.8	202
178	Human infection with Ehrlichia canis accompanied by clinical signs in Venezuela. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1078, 110-7	6.5	196
177	Immunodominant major outer membrane proteins of Ehrlichia chaffeensis are encoded by a polymorphic multigene family. <i>Infection and Immunity</i> , 1998 , 66, 132-9	3.7	151
176	Anaplasma phagocytophilum Anka secreted by type IV secretion system is tyrosine phosphorylated by Abl-1 to facilitate infection. <i>Cellular Microbiology</i> , 2007 , 9, 2644-57	3.9	149
175	Ultrastructure and phylogenetic analysis of 'Candidatus Neoehrlichia mikurensis' in the family Anaplasmataceae, isolated from wild rats and found in Ixodes ovatus ticks. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 1837-1843	2.2	147
174	Anaplasma phagocytophilum and Ehrlichia chaffeensis: subversive manipulators of host cells. <i>Nature Reviews Microbiology</i> , 2010 , 8, 328-39	22.2	146
173	Mechanisms of obligatory intracellular infection with Anaplasma phagocytophilum. <i>Clinical Microbiology Reviews</i> , 2011 , 24, 469-89	34	142
172	Intracellular infection by the human granulocytic ehrlichiosis agent inhibits human neutrophil apoptosis. <i>Infection and Immunity</i> , 2000 , 68, 1125-33	3.7	127
171	Autophagosomes induced by a bacterial Beclin 1 binding protein facilitate obligatory intracellular infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 20800-7	11.5	114
170	New Ehrlichia species closely related to Ehrlichia chaffeensis isolated from Ixodes ovatus ticks in Japan. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 1331-8	9.7	103
169	Anaplasma phagocytophilum Ats-1 is imported into host cell mitochondria and interferes with apoptosis induction. <i>PLoS Pathogens</i> , 2010 , 6, e1000774	7.6	99
168	Cloning and characterization of multigenes encoding the immunodominant 30-kilodalton major outer membrane proteins of Ehrlichia canis and application of the recombinant protein for serodiagnosis. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 2671-80	9.7	95
167	Subversion of cellular autophagy by Anaplasma phagocytophilum. <i>Cellular Microbiology</i> , 2008 , 10, 593-605	9.4	94

166	Human granulocytic ehrlichiosis agent and Ehrlichia chaffeensis reside in different cytoplasmic compartments in HL-60 cells. <i>Infection and Immunity</i> , 1999 , 67, 1368-78	3.7	94
165	Characterization and transcriptional analysis of gene clusters for a type IV secretion machinery in human granulocytic and monocytic ehrlichiosis agents. <i>Infection and Immunity</i> , 2002 , 70, 2128-38	3.7	93
164	Multiple p44 genes encoding major outer membrane proteins are expressed in the human granulocytic ehrlichiosis agent. <i>Journal of Biological Chemistry</i> , 1999 , 274, 17828-36	5.4	90
163	Obligatory intracellular parasitism by Ehrlichia chaffeensis and Anaplasma phagocytophilum involves caveolae and glycosylphosphatidylinositol-anchored proteins. <i>Cellular Microbiology</i> , 2003 , 5, 809-20	3.9	86
162	Analysis of transcriptionally active gene clusters of major outer membrane protein multigene family in Ehrlichia canis and E. chaffeensis. <i>Infection and Immunity</i> , 2001 , 69, 2083-91	3.7	81
161	Molecular and antigenic comparison of Ehrlichia canis isolates from dogs, ticks, and a human in Venezuela. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 2788-93	9.7	76
160	Anaplasma phagocytophilum and Ehrlichia chaffeensis type IV secretion and Ank proteins. <i>Current Opinion in Microbiology</i> , 2010 , 13, 59-66	7.9	70
159	Human granulocytic ehrlichiosis agent inhibits superoxide anion generation by human neutrophils. <i>Infection and Immunity</i> , 2000 , 68, 6697-703	3.7	68
158	Comparison of Ehrlichia muris strains isolated from wild mice and ticks and serologic survey of humans and animals with E. muris as antigen. <i>Journal of Clinical Microbiology</i> , 1999 , 37, 1123-9	9.7	65
157	Anaplasma phagocytophilum delays spontaneous human neutrophil apoptosis by modulation of multiple apoptotic pathways. <i>Cellular Microbiology</i> , 2006 , 8, 1406-16	3.9	63
156	Ehrlichia type IV secretion effector ECH0825 is translocated to mitochondria and curbs ROS and apoptosis by upregulating host MnSOD. <i>Cellular Microbiology</i> , 2012 , 14, 1037-50	3.9	61
155	Ehrlichia subversion of host innate responses. <i>Current Opinion in Microbiology</i> , 2006 , 9, 95-101	7.9	61
154	Anaplasma phagocytophilum inhibits human neutrophil apoptosis via upregulation of bfl-1, maintenance of mitochondrial membrane potential and prevention of caspase 3 activation. <i>Cellular Microbiology</i> , 2005 , 7, 29-38	3.9	61
153	Effects of Anaplasma phagocytophila on NADPH oxidase components in human neutrophils and HL-60 cells. <i>Infection and Immunity</i> , 2002 , 70, 1359-66	3.7	61
152	Ehrlichia chaffeensis downregulates surface Toll-like receptors 2/4, CD14 and transcription factors PU.1 and inhibits lipopolysaccharide activation of NF-kappa B, ERK 1/2 and p38 MAPK in host monocytes. <i>Cellular Microbiology</i> , 2004 , 6, 175-86	3.9	60
151	Protein kinase A-mediated inhibition of gamma interferon-induced tyrosine phosphorylation of Janus kinases and latent cytoplasmic transcription factors in human monocytes by Ehrlichia chaffeensis. <i>Infection and Immunity</i> , 1998 , 66, 2514-20	3.7	59
150	Global proteomic analysis of two tick-borne emerging zoonotic agents: anaplasma phagocytophilum and ehrlichia chaffeensis. <i>Frontiers in Microbiology</i> , 2011 , 2, 24	5.7	58
149	Rapid activation of protein tyrosine kinase and phospholipase C-gamma2 and increase in cytosolic free calcium are required by Ehrlichia chaffeensis for internalization and growth in THP-1 cells. <i>Infection and Immunity</i> , 2002 , 70, 889-98	3.7	55

148	Surface-exposed proteins of Ehrlichia chaffeensis. <i>Infection and Immunity</i> , 2007 , 75, 3833-41	3.7	53
147	Neorickettsia risticii is vertically transmitted in the trematode Acanthatrium oregonense and horizontally transmitted to bats. <i>Environmental Microbiology</i> , 2005 , 7, 203-12	5.2	53
146	Intra-leukocyte expression of two-component systems in Ehrlichia chaffeensis and Anaplasma phagocytophilum and effects of the histidine kinase inhibitor closantel. <i>Cellular Microbiology</i> , 2006 , 8, 1241-52	3.9	52
145	Roles of p38 mitogen-activated protein kinase, NF-kappaB, and protein kinase C in proinflammatory cytokine mRNA expression by human peripheral blood leukocytes, monocytes, and neutrophils in response to Anaplasma phagocytophila. <i>Infection and Immunity</i> , 2002 , 70, 4132-41	3.7	52
144	The omp-1 major outer membrane multigene family of Ehrlichia chaffeensis is differentially expressed in canine and tick hosts. <i>Infection and Immunity</i> , 2002 , 70, 4701-4	3.7	52
143	Insights into the CtrA regulon in development of stress resistance in obligatory intracellular pathogen Ehrlichia chaffeensis. <i>Molecular Microbiology</i> , 2011 , 82, 1217-34	4.1	51
142	The Anaplasma phagocytophilum PleC histidine kinase and PleD diguanylate cyclase two-component system and role of cyclic Di-GMP in host cell infection. <i>Journal of Bacteriology</i> , 2009 , 191, 693-700	3.5	51
141	Identification of novel surface proteins of Anaplasma phagocytophilum by affinity purification and proteomics. <i>Journal of Bacteriology</i> , 2007 , 189, 7819-28	3.5	50
140	Detection of Ehrlichia risticii, the agent of Potomac horse fever, in freshwater stream snails (Pleuroceridae: Juga spp.) from northern California. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 2888-93	4.8	50
139	Ehrlichia chaffeensis and E. sennetsu, but not the human granulocytic ehrlichiosis agent, colocalize with transferrin receptor and up-regulate transferrin receptor mRNA by activating iron-responsive protein 1. <i>Infection and Immunity</i> , 1999 , 67, 2258-65	3.7	49
138	Cyclic di-GMP signaling regulates invasion by Ehrlichia chaffeensis of human monocytes. <i>Journal of Bacteriology</i> , 2010 , 192, 4122-33	3.5	48
137	Biochemical activities of three pairs of Ehrlichia chaffeensis two-component regulatory system proteins involved in inhibition of lysosomal fusion. <i>Infection and Immunity</i> , 2006 , 74, 5014-22	3.7	48
136	Transcript heterogeneity of the p44 multigene family in a human granulocytic ehrlichiosis agent transmitted by ticks. <i>Infection and Immunity</i> , 2002 , 70, 1175-84	3.7	48
135	Molecular Pathogenesis of Ehrlichia chaffeensis Infection. <i>Annual Review of Microbiology</i> , 2015 , 69, 283-304	3.5	47
134	Effects of larval tapeworm (Taenia taeniaeformis) infection on reproductive functions in male and female host rats. <i>Experimental Parasitology</i> , 1990 , 70, 344-52	2.1	47
133	Cholesterol-dependent anaplasma phagocytophilum exploits the low-density lipoprotein uptake pathway. <i>PLoS Pathogens</i> , 2009 , 5, e1000329	7.6	46
132	Characterization of monoclonal antibodies to the 44-kilodalton major outer membrane protein of the human granulocytic ehrlichiosis agent. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 3278-84	9.7	46
131	Regulation of type IV secretion apparatus genes during Ehrlichia chaffeensis intracellular development by a previously unidentified protein. <i>Journal of Bacteriology</i> , 2008 , 190, 2096-105	3.5	45

130	Expression of interleukin-1beta, tumor necrosis factor alpha, and interleukin-6 in human peripheral blood leukocytes exposed to human granulocytic ehrlichiosis agent or recombinant major surface protein P44. <i>Infection and Immunity</i> , 2000 , 68, 3394-402	3.7	45
129	Differential expression of VirB9 and VirB6 during the life cycle of <i>Anaplasma phagocytophilum</i> in human leucocytes is associated with differential binding and avoidance of lysosome pathway. <i>Cellular Microbiology</i> , 2006 , 8, 523-34	3.9	44
128	Clinical and laboratory spectrum of culture-proven human granulocytic ehrlichiosis: comparison with culture-negative cases. <i>Clinical Infectious Diseases</i> , 1998 , 27, 1314-7	11.6	44
127	Gossypol in female fertility control: ovum implantation and early pregnancy inhibited in rats. <i>Life Sciences</i> , 1985 , 37, 39-47	6.8	44
126	Molecular events involved in cellular invasion by <i>Ehrlichia chaffeensis</i> and <i>Anaplasma phagocytophilum</i> . <i>Veterinary Parasitology</i> , 2010 , 167, 155-66	2.8	43
125	Mechanisms to create a safe haven by members of the family Anaplasmataceae. <i>Annals of the New York Academy of Sciences</i> , 2003 , 990, 548-55	6.5	42
124	Proteomic analysis of and immune responses to <i>Ehrlichia chaffeensis</i> lipoproteins. <i>Infection and Immunity</i> , 2008 , 76, 3405-14	3.7	41
123	Expression and porin activity of P28 and OMP-1F during intracellular <i>Ehrlichia chaffeensis</i> development. <i>Journal of Bacteriology</i> , 2008 , 190, 3597-605	3.5	41
122	Proposal to reclassify <i>Ehrlichia muris</i> as <i>Ehrlichia muris</i> subsp. <i>muris</i> subsp. nov. and description of <i>Ehrlichia muris</i> subsp. <i>eaucloirensis</i> subsp. nov., a newly recognized tick-borne pathogen of humans. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2121-2126	2.2	40
121	<i>Ehrlichia chaffeensis</i> uses its surface protein EtpE to bind GPI-anchored protein DNase X and trigger entry into mammalian cells. <i>PLoS Pathogens</i> , 2013 , 9, e1003666	7.6	40
120	Analysis of sequences and loci of p44 homologs expressed by <i>Anaplasma phagocytophila</i> in acutely infected patients. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 2981-8	9.7	40
119	Mechanisms of variable p44 expression by <i>Anaplasma phagocytophilum</i> . <i>Infection and Immunity</i> , 2003 , 71, 5650-61	3.7	39
118	<i>Ehrlichia</i> secretes Etf-1 to induce autophagy and capture nutrients for its growth through RAB5 and class III phosphatidylinositol 3-kinase. <i>Autophagy</i> , 2016 , 12, 2145-2166	10.2	38
117	Type IV secretion in the obligatory intracellular bacterium <i>Anaplasma phagocytophilum</i> . <i>Cellular Microbiology</i> , 2010 , 12, 1213-21	3.9	38
116	Transcriptional analysis of p30 major outer membrane multigene family of <i>Ehrlichia canis</i> in dogs, ticks, and cell culture at different temperatures. <i>Infection and Immunity</i> , 2001 , 69, 6172-8	3.7	37
115	Porin activity of <i>Anaplasma phagocytophilum</i> outer membrane fraction and purified P44. <i>Journal of Bacteriology</i> , 2007 , 189, 1998-2006	3.5	36
114	<i>Anaplasma phagocytophilum</i> has a functional <i>msp2</i> gene that is distinct from p44. <i>Infection and Immunity</i> , 2004 , 72, 3883-9	3.7	36
113	Degradation of p22phox and inhibition of superoxide generation by <i>Ehrlichia chaffeensis</i> in human monocytes. <i>Cellular Microbiology</i> , 2007 , 9, 861-74	3.9	35

112	Rapid sequential changeover of expressed p44 genes during the acute phase of <i>Anaplasma phagocytophilum</i> infection in horses. <i>Infection and Immunity</i> , 2004 , 72, 6852-9	3.7	35
111	Four VirB6 paralogs and VirB9 are expressed and interact in <i>Ehrlichia chaffeensis</i> -containing vacuoles. <i>Journal of Bacteriology</i> , 2009 , 191, 278-86	3.5	34
110	Analysis of complete genome sequence of <i>Neorickettsia risticii</i> : causative agent of Potomac horse fever. <i>Nucleic Acids Research</i> , 2009 , 37, 6076-91	20.1	34
109	Subversion of host cell signaling by <i>Orientia tsutsugamushi</i> . <i>Microbes and Infection</i> , 2011 , 13, 638-48	9.3	34
108	Molecular analysis of <i>Neorickettsia risticii</i> in adult aquatic insects in Pennsylvania, in horses infected by ingestion of insects, and isolated in cell culture. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 690-3	9.7	33
107	Analysis of 16S rRNA gene sequences of <i>Ehrlichia canis</i> , <i>Anaplasma platys</i> , and <i>Wolbachia</i> species from canine blood in Japan. <i>Annals of the New York Academy of Sciences</i> , 2003 , 990, 692-8	6.5	32
106	Detection of <i>Ehrlichia canis</i> in canine carrier blood and in individual experimentally infected ticks with a p30-based PCR assay. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 540-6	9.7	32
105	New findings on members of the family Anaplasmataceae of veterinary importance. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1078, 438-45	6.5	31
104	Sensitive detection of <i>Ehrlichia chaffeensis</i> in cell culture, blood, and tick specimens by reverse transcription-PCR. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 460-3	9.7	31
103	Virulence potential of <i>Ehrlichia chaffeensis</i> strains of distinct genome sequences. <i>Infection and Immunity</i> , 2007 , 75, 3604-13	3.7	30
102	Western blot analysis of sera reactive to human monocytic ehrlichiosis and human granulocytic ehrlichiosis agents. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 3982-6	9.7	30
101	Analysis of 16S rRNA and 51-kilodalton antigen gene and transmission in mice of <i>Ehrlichia risticii</i> in virgulate trematodes from <i>Elimia livescens</i> snails in Ohio. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 3349-58	9.7	30
100	<i>Ehrlichia chaffeensis</i> proliferation begins with NtrY/NtrX and PutA/GlnA upregulation and CtrA degradation induced by proline and glutamine uptake. <i>MBio</i> , 2014 , 5, e02141	7.8	29
99	Ats-1: a novel bacterial molecule that links autophagy to bacterial nutrition. <i>Autophagy</i> , 2013 , 9, 787-8	10.2	29
98	Establishment of cloned <i>Anaplasma phagocytophilum</i> and analysis of p44 gene conversion within an infected horse and infected SCID mice. <i>Infection and Immunity</i> , 2005 , 73, 5106-14	3.7	29
97	PCR amplification and phylogenetic analysis of groESL operon sequences from <i>Ehrlichia ewingii</i> and <i>Ehrlichia muris</i> . <i>Journal of Clinical Microbiology</i> , 2000 , 38, 2746-9	9.7	29
96	<i>Borrelia burgdorferi</i> oxidative stress regulator BosR directly represses lipoproteins primarily expressed in the tick during mammalian infection. <i>Molecular Microbiology</i> , 2013 , 89, 1140-53	4.1	28
95	Analysis of involvement of the RecF pathway in p44 recombination in <i>Anaplasma phagocytophilum</i> and in <i>Escherichia coli</i> by using a plasmid carrying the p44 expression and p44 donor loci. <i>Infection and Immunity</i> , 2006 , 74, 2052-62	3.7	28

94	High-cholesterol diet facilitates <i>Anaplasma phagocytophilum</i> infection and up-regulates macrophage inflammatory protein-2 and CXCR2 expression in apolipoprotein E-deficient mice. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1497-503	7	28
93	<i>Ehrlichia chaffeensis</i> induces monocyte inflammatory responses through MyD88, ERK, and NF- κ B but not through TRIF, interleukin-1 receptor 1 (IL-1R1)/IL-18R1, or toll-like receptors. <i>Infection and Immunity</i> , 2011 , 79, 4947-56	3.7	27
92	Sequence and expression analysis of virB9 of the type IV secretion system of <i>Ehrlichia canis</i> strains in ticks, dogs, and cultured cells. <i>Infection and Immunity</i> , 2003 , 71, 6063-7	3.7	27
91	Reinfection with <i>Ehrlichia chaffeensis</i> in a liver transplant recipient. <i>Clinical Infectious Diseases</i> , 2002 , 34, 1644-7	11.6	26
90	Impaired antigen specific responses and enhanced polyclonal stimulation in mice infected with <i>Ehrlichia muris</i> . <i>Microbiology and Immunology</i> , 1996 , 40, 575-81	2.7	26
89	Role and Function of the Type IV Secretion System in <i>Anaplasma</i> and <i>Ehrlichia</i> Species. <i>Current Topics in Microbiology and Immunology</i> , 2017 , 413, 297-321	3.3	25
88	Two monoclonal antibodies with defined epitopes of P44 major surface proteins neutralize <i>Anaplasma phagocytophilum</i> by distinct mechanisms. <i>Infection and Immunity</i> , 2006 , 74, 1873-82	3.7	25
87	Proteomic identification of a novel <i>Anaplasma phagocytophilum</i> DNA binding protein that regulates a putative transcription factor. <i>Journal of Bacteriology</i> , 2007 , 189, 4880-6	3.5	25
86	<i>Anaplasma phagocytophilum</i> p44 mRNA expression is differentially regulated in mammalian and tick host cells: involvement of the DNA binding protein ApxR. <i>Journal of Bacteriology</i> , 2007 , 189, 8651-9	3.5	25
85	Subversion of NPC1 pathway of cholesterol transport by <i>Anaplasma phagocytophilum</i> . <i>Cellular Microbiology</i> , 2012 , 14, 560-76	3.9	24
84	Sequence analysis of p44 homologs expressed by <i>Anaplasma phagocytophilum</i> in infected ticks feeding on naive hosts and in mice infected by tick attachment. <i>Infection and Immunity</i> , 2004 , 72, 659-66	3.7	23
83	<i>Taenia taeniaeformis</i> : inhibition of mitogen induced proliferation and interleukin-2 production in rat splenocytes by larval in vitro product. <i>Experimental Parasitology</i> , 1986 , 62, 216-22	2.1	23
82	Efficient Enrichment of Bacterial mRNA from Host-Bacteria Total RNA Samples. <i>Scientific Reports</i> , 2016 , 6, 34850	4.9	22
81	Tick acquisition of <i>Ehrlichia canis</i> from dogs treated with doxycycline hyclate. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 3394-6	5.9	22
80	Molecular characterization of <i>Aegyptianella pullorum</i> (Rickettsiales, Anaplasmataceae). <i>Journal of Clinical Microbiology</i> , 2003 , 41, 5294-7	9.7	22
79	Prevalence and molecular analysis of <i>Anaplasma platys</i> in dogs in Lara, Venezuela. <i>Brazilian Journal of Microbiology</i> , 2005 , 36, 211-216	2.2	22
78	Application of the polymerase chain reaction for the detection of <i>Ehrlichia canis</i> in tissues of dogs. <i>Veterinary Microbiology</i> , 1994 , 42, 281-7	3.3	21
77	EtpE Binding to DNase X Induces Ehrlichial Entry via CD147 and hnRNP-K Recruitment, Followed by Mobilization of N-WASP and Actin. <i>MBio</i> , 2015 , 6, e01541-15	7.8	19

76	Molecular Detection of Tick-Borne Rickettsiales in Goats and Sheep from Southeastern China. <i>Vector-Borne and Zoonotic Diseases</i> , 2016 , 16, 309-16	2.4	19
75	Cytokine gene expression by peripheral blood leukocytes in dogs experimentally infected with a new virulent strain of Ehrlichia canis. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1078, 482-6	6.5	19
74	Analysis of p51, groESL, and the major antigen P51 in various species of Neorickettsia, an obligatory intracellular bacterium that infects trematodes and mammals. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 3823-6	9.7	19
73	Western and dot blotting analyses of Ehrlichia chaffeensis indirect fluorescent-antibody assay-positive and -negative human sera by using native and recombinant E. chaffeensis and E. canis antigens. <i>Journal of Clinical Microbiology</i> , 1999 , 37, 3888-95	9.7	19
72	type IV secretion system effector Etf-2 binds to active RAB5 and delays endosome maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E8977-E8986 ^{11.5}	11.5	19
71	Taenia taeniaeformis: characterization of larval metabolic products and growth of host gastric cells in vitro. <i>Experimental Parasitology</i> , 1984 , 58, 230-8	2.1	18
70	Polymorphism and transcription at the p44-1/p44-18 genomic locus in Anaplasma phagocytophilum strains from diverse geographic regions. <i>Infection and Immunity</i> , 2004 , 72, 5574-81	3.7	17
69	Cytokine responses in dogs infected with Ehrlichia canis Oklahoma strain. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1063, 429-32	6.5	17
68	Antibiotic clearance of Ehrlichia canis from dogs infected by intravenous inoculation of carrier blood. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1149, 263-9	6.5	16
67	Effect of antibiotics on clinical, pathologic and immunologic responses in murine Potomac horse fever: protective effects of doxycycline. <i>Veterinary Microbiology</i> , 1989 , 19, 253-62	3.3	16
66	Cloning of the heat shock protein 70 (HSP70) gene of Ehrlichia sennetsu and differential expression of HSP70 and HSP60 mRNA after temperature upshift. <i>Infection and Immunity</i> , 1998 , 66, 3106-12	3.7	16
65	and Its Invasin EtpE Block Reactive Oxygen Species Generation by Macrophages in a DNase X-Dependent Manner. <i>MBio</i> , 2017 , 8,	7.8	15
64	Ehrlichia chaffeensis infection of sika deer, Japan. <i>Emerging Infectious Diseases</i> , 2009 , 15, 1991-3	10.2	15
63	Liver transcriptome profiles associated with strain-specific Ehrlichia chaffeensis-induced hepatitis in SCID mice. <i>Infection and Immunity</i> , 2009 , 77, 245-54	3.7	15
62	Activation of a p44 pseudogene in Anaplasma phagocytophila by bacterial RNA splicing: a novel mechanism for post-transcriptional regulation of a multigene family encoding immunodominant major outer membrane proteins. <i>Molecular Microbiology</i> , 2002 , 46, 135-45	4.1	15
61	Protection against murine potomac horse fever by an inactivated Ehrlichia risticii vaccine. <i>Veterinary Microbiology</i> , 1991 , 27, 339-50	3.3	15
60	Taenia taeniaeformis: increased cell growth and neutral mucus production in the gastric mucosa of the rat with a larval infection. <i>Experimental Parasitology</i> , 1984 , 58, 147-55	2.1	15
59	Taenia taeniaeformis: inhibition of rat testosterone production by excretory-secretory product of the cultured metacestode. <i>Experimental Parasitology</i> , 1985 , 59, 390-7	2.1	15

58	Proposal for 'Candidatus Mycoplasma haemomuris subsp. muscoli' in mice, and 'Candidatus Mycoplasma haemomuris subsp. rattii' in rats. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 734-737	2.2	14
57	Evaluation of peptide- and recombinant protein-based assays for detection of anti-Ehrlichia ewingii antibodies in experimentally and naturally infected dogs. [corrected]. <i>American Journal of Veterinary Research</i> , 2010 , 71, 1195-200	1.1	14
56	Proteomic analysis of Neorickettsia sennetsu surface-exposed proteins and porin activity of the major surface protein P51. <i>Journal of Bacteriology</i> , 2010 , 192, 5898-905	3.5	14
55	Cyclic dimeric GMP signaling regulates intracellular aggregation, sessility, and growth of Ehrlichia chaffeensis. <i>Infection and Immunity</i> , 2011 , 79, 3905-12	3.7	14
54	Type IV secretion system of Anaplasma phagocytophilum and Ehrlichia chaffeensis. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1166, 106-11	6.5	14
53	Development of neutralizing antibody in horses infected with Ehrlichia risticii. <i>Veterinary Microbiology</i> , 1993 , 36, 139-47	3.3	14
52	Subversion of RAB5-regulated autophagy by the intracellular pathogen. <i>Small GTPases</i> , 2019 , 10, 343-349.7		14
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