

# Yasuko Rikihisa

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

183  
papers

11,112  
citations

48  
h-index

101  
g-index

186  
ext. papers

12,520  
ext. citations

5.7  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
183	The "Biological Weapons" of : Novel Molecules and Mechanisms to Subjugate Host Cells.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 830180	5.9	2
182	Potomac horse fever in Ontario: Clinical, geographic, and diagnostic aspects. <i>Canadian Veterinary Journal</i> , <b>2021</b> , 62, 622-628	0.5	0
181	An intracellular nanobody targeting T4SS effector inhibits infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
180	Iron robbery by intracellular pathogen via bacterial effector-induced ferritinophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
179	Comparative Analysis of Genome of Ehrlichia sp. HF, a Model Bacterium to Study Fatal Human Ehrlichiosis. <i>BMC Genomics</i> , <b>2021</b> , 22, 11	4.5	1
178	Insights into the mechanism regulating the differential expression of the P28-OMP outer membrane proteins in obligatory intracellular pathogen. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 461-471	18.9	2
177	Anaplasma phagocytophilum Hijacks Flotillin and NPC1 Complex To Acquire Intracellular Cholesterol for Proliferation, Which Can Be Inhibited with Ezetimibe. <i>MBio</i> , <b>2021</b> , 12, e0229921	7.8	2
176	Host membrane lipids are trafficked to membranes of intravacuolar bacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 8032-8043	11.5	12
175	Discovery of Virulence Genes of Obligatory Intracellular Bacteria by Random Mutagenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 2	5.9	6
174	An Entry-Triggering Protein of Is a New Vaccine Candidate against Tick-Borne Human Monocytic Ehrlichiosis. <i>MBio</i> , <b>2020</b> , 11,	7.8	5
173	Isolation and Molecular Analysis of a Novel Species That Causes Potomac Horse Fever. <i>MBio</i> , <b>2020</b> , 11,	7.8	4
172	Infection by Anaplasma phagocytophilum Requires Recruitment of Low-Density Lipoprotein Cholesterol by Flotillins. <i>MBio</i> , <b>2019</b> , 10,	7.8	12
171	Subversion of RAB5-regulated autophagy by the intracellular pathogen. <i>Small GTPases</i> , <b>2019</b> , 10, 343-349.7		14
170	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> , <b>2018</b> , 115, E8977-E8986	11.5	19
169	Proposal to reclassify Ehrlichia muris as Ehrlichia muris subsp. muris subsp. nov. and description of Ehrlichia muris subsp. eaucloirensis subsp. nov., a newly recognized tick-borne pathogen of humans. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 2121-2126	2.2	40
168	and Its Invasin EtpE Block Reactive Oxygen Species Generation by Macrophages in a DNase X-Dependent Manner. <i>MBio</i> , <b>2017</b> , 8,	7.8	15
167	Role and Function of the Type IV Secretion System in Anaplasma and Ehrlichia Species. <i>Current Topics in Microbiology and Immunology</i> , <b>2017</b> , 413, 297-321	3.3	25

166	Peptide Nucleic Acid Knockdown and Intra-host Cell Complementation of Type IV Secretion System Effector. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 228	5.9	11
165	Ehrlichia secretes Etf-1 to induce autophagy and capture nutrients for its growth through RAB5 and class III phosphatidylinositol 3-kinase. <i>Autophagy</i> , <b>2016</b> , 12, 2145-2166	10.2	38
164	An Ecotype of Neorickettsia risticii Causing Potomac Horse Fever in Canada. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 6030-6	4.8	4
163	Efficient Enrichment of Bacterial mRNA from Host-Bacteria Total RNA Samples. <i>Scientific Reports</i> , <b>2016</b> , 6, 34850	4.9	22
162	Anaplasma platys Immunoblot Test Using Major Surface Antigens. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2016</b> , 16, 581-7	2.4	1
161	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
160	Molecular Detection of Tick-Borne Rickettsiales in Goats and Sheep from Southeastern China. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2016</b> , 16, 309-16	2.4	19
159	Germes within Worms: Localization of Neorickettsia sp. within Life Cycle Stages of the Digenean Plagiorchis elegans. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 2356-2362	4.8	9
158	Proposal for 'Candidatus Mycoplasma haemomuris subsp. musculi' in mice, and 'Candidatus Mycoplasma haemomuris subsp. rattii' in rats. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 734-737	2.2	14
157	Molecular Pathogenesis of Ehrlichia chaffeensis Infection. <i>Annual Review of Microbiology</i> , <b>2015</b> , 69, 283-304	4.5	47
156	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> , <b>2015</b> , 6, e01541-15	7.8	19
155	Ehrlichia chaffeensis proliferation begins with NtrY/NtrX and PutA/GlnA upregulation and CtrA degradation induced by proline and glutamine uptake. <i>MBio</i> , <b>2014</b> , 5, e02141	7.8	29
154	Ehrlichia chaffeensis uses its surface protein EtpE to bind GPI-anchored protein DNase X and trigger entry into mammalian cells. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003666	7.6	40
153	Ats-1: a novel bacterial molecule that links autophagy to bacterial nutrition. <i>Autophagy</i> , <b>2013</b> , 9, 787-8	10.2	29
152	Borrelia burgdorferi oxidative stress regulator BosR directly represses lipoproteins primarily expressed in the tick during mammalian infection. <i>Molecular Microbiology</i> , <b>2013</b> , 89, 1140-53	4.1	28
151	Subversion of NPC1 pathway of cholesterol transport by Anaplasma phagocytophilum. <i>Cellular Microbiology</i> , <b>2012</b> , 14, 560-76	3.9	24
150	Ehrlichia type IV secretion effector ECH0825 is translocated to mitochondria and curbs ROS and apoptosis by upregulating host MnSOD. <i>Cellular Microbiology</i> , <b>2012</b> , 14, 1037-50	3.9	61
149	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> , <b>2012</b> , 109, 20800-7	11.5	114

148	Global proteomic analysis of two tick-borne emerging zoonotic agents: anaplasma phagocytophilum and ehrlichia chaffeensis. <i>Frontiers in Microbiology</i> , <b>2011</b> , 2, 24	5.7	58
147	Insights into the CtrA regulon in development of stress resistance in obligatory intracellular pathogen Ehrlichia chaffeensis. <i>Molecular Microbiology</i> , <b>2011</b> , 82, 1217-34	4.1	51
146	Cyclic dimeric GMP signaling regulates intracellular aggregation, sessility, and growth of Ehrlichia chaffeensis. <i>Infection and Immunity</i> , <b>2011</b> , 79, 3905-12	3.7	14
145	Subversion of host cell signaling by Orientia tsutsugamushi. <i>Microbes and Infection</i> , <b>2011</b> , 13, 638-48	9.3	34
144	Mechanisms of obligatory intracellular infection with Anaplasma phagocytophilum. <i>Clinical Microbiology Reviews</i> , <b>2011</b> , 24, 469-89	34	142
143	The prenylation inhibitor manumycin A reduces the viability of Anaplasma phagocytophilum. <i>Journal of Medical Microbiology</i> , <b>2011</b> , 60, 744-749	3.2	12
142	Ehrlichia chaffeensis induces monocyte inflammatory responses through MyD88, ERK, and NF- $\kappa$ B but not through TRIF, interleukin-1 receptor 1 (IL-1R1)/IL-18R1, or toll-like receptors. <i>Infection and Immunity</i> , <b>2011</b> , 79, 4947-56	3.7	27
141	Cloning of the major outer membrane protein expression locus in Anaplasma platys and seroreactivity of a species-specific antigen. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 2924-30	3.5	11
140	Anaplasma phagocytophilum and Ehrlichia chaffeensis: subversive manipulators of host cells. <i>Nature Reviews Microbiology</i> , <b>2010</b> , 8, 328-39	22.2	146
139	Type IV secretion in the obligatory intracellular bacterium Anaplasma phagocytophilum. <i>Cellular Microbiology</i> , <b>2010</b> , 12, 1213-21	3.9	38
138	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> , <b>2010</b> , 71, 1195-200	1.1	14
137	Proteomic analysis of Neorickettsia sennetsu surface-exposed proteins and porin activity of the major surface protein P51. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 5898-905	3.5	14
136	Cyclic di-GMP signaling regulates invasion by Ehrlichia chaffeensis of human monocytes. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 4122-33	3.5	48
135	Anaplasma phagocytophilum Ats-1 is imported into host cell mitochondria and interferes with apoptosis induction. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000774	7.6	99
134	Anaplasma phagocytophilum and Ehrlichia chaffeensis type IV secretion and Ank proteins. <i>Current Opinion in Microbiology</i> , <b>2010</b> , 13, 59-66	7.9	70
133	Molecular events involved in cellular invasion by Ehrlichia chaffeensis and Anaplasma phagocytophilum. <i>Veterinary Parasitology</i> , <b>2010</b> , 167, 155-66	2.8	43
132	Ehrlichia chaffeensis infection of sika deer, Japan. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 1991-3	10.2	15
131	Four VirB6 paralogs and VirB9 are expressed and interact in Ehrlichia chaffeensis-containing vacuoles. <i>Journal of Bacteriology</i> , <b>2009</b> , 191, 278-86	3.5	34

130	Analysis of complete genome sequence of <i>Neorickettsia risticii</i> : causative agent of Potomac horse fever. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, 6076-91	20.1	34
129	Cholesterol-dependent anaplasma phagocytophilum exploits the low-density lipoprotein uptake pathway. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000329	7.6	46
128	The <i>Anaplasma phagocytophilum</i> 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> , <b>2009</b> , 191, 693-700	3.5	51
127	Liver transcriptome profiles associated with strain-specific <i>Ehrlichia chaffeensis</i> -induced hepatitis in SCID mice. <i>Infection and Immunity</i> , <b>2009</b> , 77, 245-54	3.7	15
126	Type IV secretion system of <i>Anaplasma phagocytophilum</i> and <i>Ehrlichia chaffeensis</i> . <i>Annals of the New York Academy of Sciences</i> , <b>2009</b> , 1166, 106-11	6.5	14
125	Diagnosis of <i>Ehrlichia ewingii</i> infection by PCR in a puppy from Ohio. <i>Veterinary Clinical Pathology</i> , <b>2009</b> , 38, 406-10	1	10
124	Molecular link of different stages of the trematode host of <i>Neorickettsia risticii</i> to <i>Acanthatrium oregonense</i> . <i>Environmental Microbiology</i> , <b>2008</b> , 10, 2064-73	5.2	13
123	Subversion of cellular autophagy by <i>Anaplasma phagocytophilum</i> . <i>Cellular Microbiology</i> , <b>2008</b> , 10, 593-605	9.5	94
122	Proteomic analysis of and immune responses to <i>Ehrlichia chaffeensis</i> lipoproteins. <i>Infection and Immunity</i> , <b>2008</b> , 76, 3405-14	3.7	41
121	Regulation of type IV secretion apparatus genes during <i>Ehrlichia chaffeensis</i> intracellular development by a previously unidentified protein. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 2096-105	3.5	45
120	Identification of 19 polymorphic major outer membrane protein genes and their immunogenic peptides in <i>Ehrlichia ewingii</i> for use in a serodiagnostic assay. <i>Vaccine Journal</i> , <b>2008</b> , 15, 402-11		12
119	Expression and porin activity of P28 and OMP-1F during intracellular <i>Ehrlichia chaffeensis</i> development. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 3597-605	3.5	41
118	Pathologic evidence of ehrlichiosis in calves inoculated with <i>Ehrlichia chaffeensis</i> . <i>Annals of the New York Academy of Sciences</i> , <b>2008</b> , 1149, 103-6	6.5	4
117	Antibiotic clearance of <i>Ehrlichia canis</i> from dogs infected by intravenous inoculation of carrier blood. <i>Annals of the New York Academy of Sciences</i> , <b>2008</b> , 1149, 263-9	6.5	16
116	Optimization of proteomic sample preparation procedures for comprehensive protein characterization of pathogenic systems. <i>Journal of Biomolecular Techniques</i> , <b>2008</b> , 19, 285-95	1.1	13
115	Degradation of p22phox and inhibition of superoxide generation by <i>Ehrlichia chaffeensis</i> in human monocytes. <i>Cellular Microbiology</i> , <b>2007</b> , 9, 861-74	3.9	35
114	<i>Anaplasma phagocytophilum</i> AnkaA secreted by type IV secretion system is tyrosine phosphorylated by Abl-1 to facilitate infection. <i>Cellular Microbiology</i> , <b>2007</b> , 9, 2644-57	3.9	149
113	Surface-exposed proteins of <i>Ehrlichia chaffeensis</i> . <i>Infection and Immunity</i> , <b>2007</b> , 75, 3833-41	3.7	53

112	Proteomic Identification of a Novel Anaplasma phagocytophilum DNA-Binding Protein That Regulates a Putative Transcription Factor. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 6740-6740	3.5	0
111	Proteomic identification of a novel Anaplasma phagocytophilum DNA binding protein that regulates a putative transcription factor. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 4880-6	3.5	25
110	Identification of novel surface proteins of Anaplasma phagocytophilum by affinity purification and proteomics. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 7819-28	3.5	50
109	High-cholesterol diet facilitates Anaplasma phagocytophilum infection and up-regulates macrophage inflammatory protein-2 and CXCR2 expression in apolipoprotein E-deficient mice. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 195, 1497-503	7	28
108	Anaplasma phagocytophilum p44 mRNA expression is differentially regulated in mammalian and tick host cells: involvement of the DNA binding protein ApxR. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 8651-9	3.5	25
107	Tick acquisition of Ehrlichia canis from dogs treated with doxycycline hyclate. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2007</b> , 51, 3394-6	5.9	22
106	Virulence potential of Ehrlichia chaffeensis strains of distinct genome sequences. <i>Infection and Immunity</i> , <b>2007</b> , 75, 3604-13	3.7	30
105	Porin activity of Anaplasma phagocytophilum outer membrane fraction and purified P44. <i>Journal of Bacteriology</i> , <b>2007</b> , 189, 1998-2006	3.5	36
104	Analysis of involvement of the RecF pathway in p44 recombination in Anaplasma phagocytophilum and in Escherichia coli by using a plasmid carrying the p44 expression and p44 donor loci. <i>Infection and Immunity</i> , <b>2006</b> , 74, 2052-62	3.7	28
103	Biochemical activities of three pairs of Ehrlichia chaffeensis two-component regulatory system proteins involved in inhibition of lysosomal fusion. <i>Infection and Immunity</i> , <b>2006</b> , 74, 5014-22	3.7	48
102	Comparative genomics of emerging human ehrlichiosis agents. <i>PLoS Genetics</i> , <b>2006</b> , 2, e21	6	363
101	Two monoclonal antibodies with defined epitopes of P44 major surface proteins neutralize Anaplasma phagocytophilum by distinct mechanisms. <i>Infection and Immunity</i> , <b>2006</b> , 74, 1873-82	3.7	25
100	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> , <b>2006</b> , 72, 1102-9	4.8	202
99	Ehrlichia subversion of host innate responses. <i>Current Opinion in Microbiology</i> , <b>2006</b> , 9, 95-101	7.9	61
98	Differential expression of VirB9 and VirB6 during the life cycle of Anaplasma phagocytophilum in human leucocytes is associated with differential binding and avoidance of lysosome pathway. <i>Cellular Microbiology</i> , <b>2006</b> , 8, 523-34	3.9	44
97	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> , <b>2006</b> , 8, 1241-52	3.9	52
96	Anaplasma phagocytophilum delays spontaneous human neutrophil apoptosis by modulation of multiple apoptotic pathways. <i>Cellular Microbiology</i> , <b>2006</b> , 8, 1406-16	3.9	63
95	Human infection with Ehrlichia canis accompanied by clinical signs in Venezuela. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1078, 110-7	6.5	196

94	New findings on members of the family Anaplasmataceae of veterinary importance. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1078, 438-45	6.5	31
93	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> , <b>2006</b> , 1078, 482-6	6.5	19
92	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> , <b>2005</b> , 7, 29-38	3.9	61
91	Prevalence and molecular analysis of Anaplasma platys in dogs in Lara, Venezuela. <i>Brazilian Journal of Microbiology</i> , <b>2005</b> , 36, 211-216	2.2	22
90	Cytokine responses in dogs infected with Ehrlichia canis Oklahoma strain. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1063, 429-32	6.5	17
89	Neorickettsia risticii is vertically transmitted in the trematode Acanthatrium oregonense and horizontally transmitted to bats. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 203-12	5.2	53
88	Establishment of cloned Anaplasma phagocytophilum and analysis of p44 gene conversion within an infected horse and infected SCID mice. <i>Infection and Immunity</i> , <b>2005</b> , 73, 5106-14	3.7	29
87	Molecular detection and characterization of Ehrlichia canis from dogs in Turkey. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , <b>2005</b> , 118, 300-4		13
86	Polymorphism and transcription at the p44-1/p44-18 genomic locus in Anaplasma phagocytophilum strains from diverse geographic regions. <i>Infection and Immunity</i> , <b>2004</b> , 72, 5574-81	3.7	17
85	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> , <b>2004</b> , 42, 3823-6	9.7	19
84	Sequence analysis of p44 homologs expressed by Anaplasma phagocytophilum in infected ticks feeding on naive hosts and in mice infected by tick attachment. <i>Infection and Immunity</i> , <b>2004</b> , 72, 659-66	3.7	23
83	Rapid sequential changeover of expressed p44 genes during the acute phase of Anaplasma phagocytophilum infection in horses. <i>Infection and Immunity</i> , <b>2004</b> , 72, 6852-9	3.7	35
82	Anaplasma phagocytophilum has a functional msp2 gene that is distinct from p44. <i>Infection and Immunity</i> , <b>2004</b> , 72, 3883-9	3.7	36
81	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> , <b>2004</b> , 54, 1837-1843	2.2	147
80	Proposal to transfer 'Aegyptianella ranarum', an intracellular bacterium of frog red blood cells, to the family Flavobacteriaceae as 'Candidatus Hemobacterium ranarum' comb. nov. <i>Environmental Microbiology</i> , <b>2004</b> , 6, 568-73	5.2	11
79	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> , <b>2004</b> , 6, 175-86	3.9	60
78	Development of a p28-based PCR assay for Ehrlichia chaffeensis. <i>Molecular and Cellular Probes</i> , <b>2004</b> , 18, 111-6	3.3	10
77	Molecular characterization of Aegyptianella pullorum (Rickettsiales, Anaplasmataceae). <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 5294-7	9.7	22

76	Obligatory intracellular parasitism by Ehrlichia chaffeensis and Anaplasma phagocytophilum involves caveolae and glycosylphosphatidylinositol-anchored proteins. <i>Cellular Microbiology</i> , <b>2003</b> , 5, 809-20	3.9	86
75	Mechanisms to create a safe haven by members of the family Anaplasmataceae. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 990, 548-55	6.5	42
74	Analysis of 16S rRNA gene sequences of Ehrlichia canis, Anaplasma platys, and Wolbachia species from canine blood in Japan. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 990, 692-8	6.5	32
73	Mechanisms of Variable p44 Expression by Anaplasma phagocytophilum. <i>Infection and Immunity</i> , <b>2003</b> , 71, 7238-7238	3.7	1
72	Sequence and expression analysis of virB9 of the type IV secretion system of Ehrlichia canis strains in ticks, dogs, and cultured cells. <i>Infection and Immunity</i> , <b>2003</b> , 71, 6063-7	3.7	27
71	Ehrlichia chaffeensis and Anaplasma phagocytophilum lack genes for lipid A biosynthesis and incorporate cholesterol for their survival. <i>Infection and Immunity</i> , <b>2003</b> , 71, 5324-31	3.7	209
70	Transcriptional analysis of p30 major outer membrane protein genes of Ehrlichia canis in naturally infected ticks and sequence analysis of p30-10 of E canis from diverse geographic regions. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 886-8	9.7	11
69	Mechanisms of variable p44 expression by Anaplasma phagocytophilum. <i>Infection and Immunity</i> , <b>2003</b> , 71, 5650-61	3.7	39
68	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> , <b>2002</b> , 46, 135-45	4.1	15
67	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> , <b>2002</b> , 70, 2128-38	3.7	93
66	Effects of Anaplasma phagocytophila on NADPH oxidase components in human neutrophils and HL-60 cells. <i>Infection and Immunity</i> , <b>2002</b> , 70, 1359-66	3.7	61
65	Transcript heterogeneity of the p44 multigene family in a human granulocytic ehrlichiosis agent transmitted by ticks. <i>Infection and Immunity</i> , <b>2002</b> , 70, 1175-84	3.7	48
64	Molecular analysis of Neorickettsia risticii in adult aquatic insects in Pennsylvania, in horses infected by ingestion of insects, and isolated in cell culture. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 690-3	9.7	33
63	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> , <b>2002</b> , 70, 4132-41	3.7	52
62	Analysis of sequences and loci of p44 homologs expressed by Anaplasma phagocytophila in acutely infected patients. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 2981-8	9.7	40
61	Reinfection with Ehrlichia chaffeensis in a liver transplant recipient. <i>Clinical Infectious Diseases</i> , <b>2002</b> , 34, 1644-7	11.6	26
60	Cytokine gene expression by peripheral blood leukocytes in horses experimentally infected with Anaplasma phagocytophila. <i>Vaccine Journal</i> , <b>2002</b> , 9, 1079-84		10
59	Detection of Ehrlichia canis in canine carrier blood and in individual experimentally infected ticks with a p30-based PCR assay. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 540-6	9.7	32



58	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> , <b>2002</b> , 70, 889-98	3.7	55
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