Michael Y Kosoy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2413286/publications.pdf

Version: 2024-02-01

92 papers	4,558 citations	94269 37 h-index	110170 64 g-index
94 all docs	94 docs citations	94 times ranked	2558 citing authors

#	Article	IF	Citations
1	NATURAL HISTORY OF PLAGUE: Perspectives from More than a Century of Research. Annual Review of Entomology, 2005, 50, 505-528.	5.7	600
2	Distribution, Diversity, and Host Specificity of Bartonella in Rodents from the Southeastern United States. American Journal of Tropical Medicine and Hygiene, 1997, 57, 578-588.	0.6	185
3	Bartonella Strains from Ground Squirrels Are Identical to Bartonella washoensis Isolated from a Human Patient. Journal of Clinical Microbiology, 2003, 41, 645-650.	1.8	172
4	Bartonella tamiae sp. nov., a Newly Recognized Pathogen Isolated from Three Human Patients from Thailand. Journal of Clinical Microbiology, 2008, 46, 772-775.	1.8	129
5	Identification of Bartonella Infections in Febrile Human Patients from Thailand and Their Potential Animal Reservoirs. American Journal of Tropical Medicine and Hygiene, 2010, 82, 1140-1145.	0.6	125
6	Infections byLeptospira interrogans, Seoul Virus, andBartonellaspp. Among Norway Rats (Rattus norvegicus) from the Urban Slum Environment in Brazil. Vector-Borne and Zoonotic Diseases, 2014, 14, 33-40.	0.6	116
7	Global distribution and genetic diversity of Bartonella in bat flies (Hippoboscoidea, Streblidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	111
8	Genetic and ecologic characteristics of Bartonella communities in rodents in southern China.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 622-627.	0.6	111
9	Declines in large wildlife increase landscape-level prevalence of rodent-borne disease in Africa. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7036-7041.	3.3	107
10	Bartonellaspp. in Bats, Kenya. Emerging Infectious Diseases, 2010, 16, 1875-1881.	2.0	106
11	Bartonella bacteria in nature: Where does population variability end and a species start?. Infection, Genetics and Evolution, 2012, 12, 894-904.	1.0	101
12	Detection of Novel <I>Bartonella</I> Strains and <I>Yersinia pestis</I> in Prairie Dogs and Their Fleas (Siphonaptera: Ceratophyllidae and Pulicidae) Using Multiplex Polymerase Chain Reaction. Journal of Medical Entomology, 2003, 40, 329-337.	0.9	90
13	Isolation of Candidatus Bartonella melophagi from Human Blood1<sup />. Emerging Infectious Diseases, 2009, 15, 66-68.	2.0	89
14	Natural history of Bartonella-infecting rodents in light of new knowledge on genomics, diversity and evolution. Future Microbiology, 2013, 8, 1117-1128.	1.0	84
15	Bartonella spp. in Bats, Guatemala. Emerging Infectious Diseases, 2011, 17, 1269-1272.	2.0	77
16	PREVALENCE AND DIVERSITY OF BARTONELLA IN RODENTS OF NORTHERN THAILAND: A COMPARISON WITH BARTONELLA IN RODENTS FROM SOUTHERN CHINA. American Journal of Tropical Medicine and Hygiene, 2004, 70, 429-433.	0.6	76
17	Aboriginal and Invasive Rats of GenusRattusas Hosts of Infectious Agents. Vector-Borne and Zoonotic Diseases, 2015, 15, 3-12.	0.6	74
18	Molecular Detection and Identification of Bartonella Species in Xenopsylla cheopis Fleas (Siphonaptera: Pulicidae) Collected from Rattus norvegicus Rats in Los Angeles, California. Applied and Environmental Microbiology, 2011, 77, 7850-7852.	1.4	71

#	Article	IF	Citations
19	Bartonella spp. in Fruit Bats and Blood-Feeding Ectoparasites in Madagascar. PLoS Neglected Tropical Diseases, 2015, 9, e0003532.	1.3	71
20	ISOLATION OF BARTONELLA SPP. FROM EMBRYOS AND NEONATES OF NATURALLY INFECTED RODENTS. Journal of Wildlife Diseases, 1998, 34, 305-309.	0.3	60
21	Characterization ofBartonellaStrains Isolated from Black-Tailed Prairie Dogs (Cynomys) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	58
22	Enrichment culture and molecular identification of diverse Bartonella species in stray dogs. Veterinary Microbiology, 2010, 146, 314-319.	0.8	57
23	Detection ofBartonella tamiaeDNA in Ectoparasites from Rodents in Thailand and Their Sequence Similarity with Bacterial Cultures from Thai Patients. Vector-Borne and Zoonotic Diseases, 2010, 10, 429-434.	0.6	57
24	Rodent-AssociatedBartonellain Saskatchewan, Canada. Vector-Borne and Zoonotic Diseases, 2005, 5, 402-409.	0.6	56
25	Prevalence and Diversity of Bartonella spp. in Bats in Peru. American Journal of Tropical Medicine and Hygiene, 2012, 87, 518-523.	0.6	56
26	Prevalence and Genetic Heterogeneity of Bartonella Strains Cultured from Rodents from 17 Provinces in Thailand. American Journal of Tropical Medicine and Hygiene, 2009, 81, 811-816.	0.6	55
27	Prospective Studies ofBartonellaof Rodents. Part I. Demographic and Temporal Patterns in Population Dynamics. Vector-Borne and Zoonotic Diseases, 2004, 4, 285-295.	0.6	54
28	Global Distribution of Bartonella Infections in Domestic Bovine and Characterization of Bartonella bovis Strains Using Multi-Locus Sequence Typing. PLoS ONE, 2013, 8, e80894.	1.1	54
29	Prevalence, diversity, and host associations of Bartonella strains in bats from Georgia (Caucasus). PLoS Neglected Tropical Diseases, 2017, 11, e0005428.	1.3	52
30	Evolutionary Dynamics of Pathoadaptation Revealed by Three Independent Acquisitions of the VirB/D4 Type IV Secretion System in Bartonella. Genome Biology and Evolution, 2017, 9, 761-776.	1.1	50
31	Persistent Infection or Successive Reinfection of Deer Mice withBartonella vinsoniisubsp.arupensis. Applied and Environmental Microbiology, 2011, 77, 1728-1731.	1.4	49
32	Prospective Studies ofBartonellaof Rodents. Part II. Diverse Infections in a Single Rodent Community. Vector-Borne and Zoonotic Diseases, 2004, 4, 296-305.	0.6	47
33	Bartonella melophagi in blood of domestic sheep (Ovis aries) and sheep keds (Melophagus ovinus) from the southwestern US: Cultures, genetic characterization, and ecological connections. Veterinary Microbiology, 2016, 190, 43-49.	0.8	45
34	Molecular Survey of Bacterial Zoonotic Agents in Bats from the Country of Georgia (Caucasus). PLoS ONE, 2017, 12, e0171175.	1.1	45
35	Phylogenetic and geographic patterns of bartonella host shifts among bat species. Infection, Genetics and Evolution, 2016, 44, 382-394.	1.0	44
36	Human Exposure to NovelBartonellaSpecies from Contact with Fruit Bats. Emerging Infectious Diseases, 2018, 24, 2317-2323.	2.0	41

#	Article	IF	Citations
37	EXPERIMENTAL INFECTION OF COTTON RATS WITH THREE NATURALLY OCCURRING BARTONELLA SPECIES. Journal of Wildlife Diseases, 1999, 35, 275-284.	0.3	40
38	BARTONELLA ROCHALIMAEANDB. VINSONIISUBSP.BERKHOFFIIIN WILD CARNIVORES FROM COLORADO, USA. Journal of Wildlife Diseases, 2016, 52, 844-849.	0.3	40
39	The Distribution and Diversity of Bartonella Species in Rodents and Their Ectoparasites across Thailand. PLoS ONE, 2015, 10, e0140856.	1.1	37
40	Bartonella Strains in Small Mammals from Dhaka, Bangladesh, Related to Bartonella in America and Europe. American Journal of Tropical Medicine and Hygiene, 2007, 77, 567-570.	0.6	37
41	Prevalence and diversity of Bartonella in rodents of northern Thailand: a comparison with Bartonella in rodents from southern China. American Journal of Tropical Medicine and Hygiene, 2004, 70, 429-33.	0.6	35
42	Rapid diversification by recombination in Bartonella grahamii from wild rodents in Asia contrasts with low levels of genomic divergence in Northern Europe and America. Molecular Ecology, 2010, 19, 2241-2255.	2.0	34
43	Host Phylogeny, Geographic Overlap, and Roost Sharing Shape Parasite Communities in European Bats. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	34
44	Prevalence and Genetic Diversity of Bartonella Species Detected in Different Tissues of Small Mammals in Nepal. Applied and Environmental Microbiology, 2010, 76, 8247-8254.	1.4	33
45	Risk Factors for Human Lice and Bartonellosis among the Homeless, San Francisco, California, USA. Emerging Infectious Diseases, 2014, 20, 1645-1651.	2.0	33
46	Acquisition of nonspecific Bartonella strains by the northern grasshopper mouse (Onychomys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.3	31
47	A longitudinal study of Bartonella infection in populations of woodrats and their fleas. Journal of Vector Ecology, 2008, 33, 353-364.	0.5	31
48	Evolutional and Geographical Relationships of Bartonella grahamii Isolates from Wild Rodents by Multi-locus Sequencing Analysis. Microbial Ecology, 2009, 57, 534-541.	1.4	31
49	Bartonella bovis isolated from a cow with endocarditis. Journal of Veterinary Diagnostic Investigation, 2013, 25, 288-290.	0.5	31
50	Diversity ofBartonellaspp. in Bats, Southern Vietnam. Emerging Infectious Diseases, 2015, 21, 1266-1267.	2.0	31
51	Rodent-Borne Bartonella Infection Varies According to Host Species Within and Among Cities. EcoHealth, 2017, 14, 771-782.	0.9	31
52	Isolation and Genetic Characterization of a Bartonella Strain Closely Related to Bartonella tribocorum and Bartonella elizabethae in Israeli Commensal Rats. American Journal of Tropical Medicine and Hygiene, 2009, 81, 55-58.	0.6	31
53	Diversity and phylogenetic relationships among Bartonella strains from Thai bats. PLoS ONE, 2017, 12, e0181696.	1.1	30
54	Evolutionary history of ratâ€borne <scp>B</scp>artonella: the importance of commensal rats in the dissemination of bacterial infections globally. Ecology and Evolution, 2013, 3, 3195-3203.	0.8	29

#	Article	IF	Citations
55	Classification of Bartonella Strains Associated with Straw-Colored Fruit Bats (Eidolon helvum) across Africa Using a Multi-locus Sequence Typing Platform. PLoS Neglected Tropical Diseases, 2015, 9, e0003478.	1.3	29
56	Prevalence and Diversity of Small Mammal-Associated Bartonella Species in Rural and Urban Kenya. PLoS Neglected Tropical Diseases, 2015, 9, e0003608.	1.3	29
57	BartonellaSpecies and Trombiculid Mites of Rats from the Mekong Delta of Vietnam. Vector-Borne and Zoonotic Diseases, 2015, 15, 40-47.	0.6	29
58	Human Lymphadenopathy Caused by RatborneBartonella, Tbilisi, Georgia. Emerging Infectious Diseases, 2016, 22, 544-546.	2.0	29
59	Prevalence and Genetic Diversity ofBartonellaStrains in Rodents from Northwestern Mexico. Vector-Borne and Zoonotic Diseases, 2014, 14, 838-845.	0.6	28
60	Prevalence of Antibodies to Arenaviruses in Rodents from the Southern and Western United States: Evidence for an Arenavirus Associated with the Genus Neotoma. American Journal of Tropical Medicine and Hygiene, 1996, 54, 570-576.	0.6	28
61	Bartonella Bacteria in Urban Rats: A Movement From the Jungles of Southeast Asia to Metropoles Around the Globe. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	27
62	Molecular survey of arthropod-borne pathogens in sheep keds (Melophagus ovinus), Central Europe. Parasitology Research, 2016, 115, 3679-3682.	0.6	24
63	Comparative Ecology of Bartonella and Brucella Infections in Wild Carnivores. Frontiers in Veterinary Science, 2018, 5, 322.	0.9	24
64	Horizontal Transfers and Gene Losses in the Phospholipid Pathway of Bartonella Reveal Clues about Early Ecological Niches. Genome Biology and Evolution, 2014, 6, 2156-2169.	1.1	23
65	Multi-locus sequence analysis reveals host specific association between Bartonella washoensis and squirrels. Veterinary Microbiology, 2011, 148, 60-65.	0.8	22
66	Identification of Diverse Bartonella Genotypes among Small Mammals from Democratic Republic of Congo and Tanzania. American Journal of Tropical Medicine and Hygiene, 2012, 87, 319-326.	0.6	22
67	Genetic diversity of Bartonella quintana in macaques suggests zoonotic origin of trench fever. Molecular Ecology, 2013, 22, 2118-2127.	2.0	20
68	Coexistence of Bartonella henselae and B. clarridgeiae in populations of cats and their fleas in Guatemala. Journal of Vector Ecology, 2015, 40, 327-332.	0.5	19
69	Prevalence and Diversity of Bartonella Species in Rodents from Georgia (Caucasus). American Journal of Tropical Medicine and Hygiene, 2016, 95, 466-471.	0.6	19
70	Elucidating transmission dynamics and host-parasite-vector relationships for rodent-borne Bartonella spp. in Madagascar. Epidemics, 2017, 20, 56-66.	1.5	19
71	Serological response to Bartonella species in febrile patients from Nepal. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2011, 105, 740-742.	0.7	17
72	Exposure to Bat-AssociatedBartonellaspp. among Humans and Other Animals, Ghana. Emerging Infectious Diseases, 2016, 22, 922-924.	2.0	15

#	Article	IF	Citations
73	Analysis of multi-strain Bartonella pathogens in natural host population â€" Do they behave as species or minor genetic variants?. Epidemics, 2010, 2, 165-172.	1.5	14
74	Isolation of Bartonella capreoli from elk. Veterinary Microbiology, 2011, 148, 329-332.	0.8	14
75	Molecular Detection and Identification of Bartonella Species in Rat Fleas from Northeastern Thailand. American Journal of Tropical Medicine and Hygiene, 2013, 89, 462-465.	0.6	14
76	Molecular Survey ofBartonellaSpecies andYersinia pestisin Rodent Fleas (Siphonaptera) From Chihuahua, Mexico. Journal of Medical Entomology, 2016, 53, 199-205.	0.9	14
77	Bartonellaspp. Infections, Thailand. Emerging Infectious Diseases, 2010, 16, 743-745.	2.0	13
78	Comparison of Zoonotic Bacterial Agents in Fleas Collected from Small Mammals or Host-Seeking Fleas from a Ugandan Region Where Plague Is Endemic. MSphere, 2017, 2, .	1.3	13
79	Complexity and biosemiotics in evolutionary ecology of zoonotic infectious agents. Evolutionary Applications, 2018, 11, 394-403.	1.5	12
80	Longitudinal Study of Bacterial Infectious Agents in a Community of Small Mammals in New Mexico. Vector-Borne and Zoonotic Diseases, 2020, 20, 496-508.	0.6	9
81	Identification of a Novel Yersinia enterocolitica Strain from Bats in Association with a Bat Die-Off That Occurred in Georgia (Caucasus). Microorganisms, 2020, 8, 1000.	1.6	9
82	Deepening the Conception of Functional Information in the Description of Zoonotic Infectious Diseases. Entropy, 2013, 15, 1929-1962.	1.1	8
83	Survey of Parasitic Bacteria in Bat Bugs, Colorado. Journal of Medical Entomology, 2018, 55, 237-241.	0.9	8
84	Experimental infection of Swiss Webster mice with four rat bartonella strains: Host specificity, bacteremia kinetics, dose dependent response, and histopathology. Comparative Immunology, Microbiology and Infectious Diseases, 2011, 34, 465-473.	0.7	6
85	Exposure of Domestic Cats to Three Zoonotic Bartonella Species in the United States. Pathogens, 2021, 10, 354.	1.2	6
86	An approach for modeling cross-immunity of two strains, with application to variants of Bartonella in terms of genetic similarity. Epidemics, 2014, 7, 7-12.	1.5	5
87	Experimental infection of three laboratory mouse stocks with a shrew originBartonella elizabethaestrain: an evaluation of bacterial host switching potential. Infection Ecology and Epidemiology, 2012, 2, 17132.	0.5	3
88	MOLECULAR SURVEILLANCE FOR BARTONELLA, BORRELIA, AND RICKETTSIA SPECIES IN TICKS FROM DESERT BIGHORN SHEEP (OVIS CANADENSIS) AND MULE DEER (ODOCOILEUS HEMIONUS) IN SOUTHERN CALIFORNIA, USA. Journal of Wildlife Diseases, 2018, 54, 161.	0.3	3
89	Molecular detection of Bartonella henselae, Bartonella clarridgeiae and Rickettsia felis in cat and dog fleas in Tenerife, Canary Islands, Spain. Journal of Vector Ecology, 2020, 45, 233-240.	0.5	3
90	Human Exposure to NovelBartonellaSpecies from Contact with Fruit Bats. Emerging Infectious Diseases, 2018, 24, 2317-2323.	2.0	3

#	Article	IF	Citations
91	Evidence of Extensive Circulation of Yersinia enterocolitica in Rodents and Shrews in Natural Habitats from Retrospective and Perspective Studies in South Caucasus. Pathogens, 2021, 10, 939.	1.2	1
92	Bayesian Inference With Incomplete Multinomial Data: A Problem in Pathogen Diversity. Journal of the American Statistical Association, 2010, 105, 600-611.	1.8	0