

Jos de la Fuente

List of Publications by Citations

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502
papers

21,983
citations

68
h-index

123
g-index

531
ext. papers

25,945
ext. citations

4.5
avg, IF

6.84
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 502 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222 | 10.2 | 3838 |
| 501 | Overview: Ticks as vectors of pathogens that cause disease in humans and animals. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 6938-46 | 2.8 | 449 |
| 500 | Genomic insights into the Ixodes scapularis tick vector of Lyme disease. <i>Nature Communications</i> , 2016 , 7, 10507 | 17.4 | 303 |
| 499 | The natural history of Anaplasma marginale. <i>Veterinary Parasitology</i> , 2010 , 167, 95-107 | 2.8 | 295 |
| 498 | A ten-year review of commercial vaccine performance for control of tick infestations on cattle. <i>Animal Health Research Reviews</i> , 2007 , 8, 23-8 | 2.1 | 252 |
| 497 | Antigens and alternatives for control of Anaplasma marginale infection in cattle. <i>Clinical Microbiology Reviews</i> , 2003 , 16, 698-712 | 34 | 243 |
| 496 | Evidence of the role of European wild boar as a reservoir of Mycobacterium tuberculosis complex. <i>Veterinary Microbiology</i> , 2008 , 127, 1-9 | 3.3 | 238 |
| 495 | Anaplasma marginale (Rickettsiales: Anaplasmataceae): recent advances in defining host-pathogen adaptations of a tick-borne rickettsia. <i>Parasitology</i> , 2004 , 129 Suppl, S285-300 | 2.7 | 201 |
| 494 | Tick-Pathogen Interactions and Vector Competence: Identification of Molecular Drivers for Tick-Borne Diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 114 | 5.9 | 186 |
| 493 | The ecology of ticks and epidemiology of tick-borne viral diseases. <i>Antiviral Research</i> , 2014 , 108, 104-28 | 10.8 | 168 |
| 492 | Different pathways mediate virus inducibility of the human IFN-alpha 1 and IFN-beta genes. <i>Cell</i> , 1990 , 60, 767-79 | 56.2 | 166 |
| 491 | Sequence analysis of the msp4 gene of Anaplasma phagocytophilum strains. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 1309-17 | 9.7 | 160 |
| 490 | Strategies for development of vaccines for control of ixodid tick species. <i>Parasite Immunology</i> , 2006 , 28, 275-83 | 2.2 | 158 |
| 489 | Field studies and cost-effectiveness analysis of vaccination with Gavac against the cattle tick Boophilus microplus. <i>Vaccine</i> , 1998 , 16, 366-73 | 4.1 | 154 |
| 488 | Interaction of the tick immune system with transmitted pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013 , 3, 26 | 5.9 | 152 |
| 487 | Effects of environmental change on zoonotic disease risk: an ecological primer. <i>Trends in Parasitology</i> , 2014 , 30, 205-14 | 6.4 | 148 |
| 486 | High level expression of the B. microplus Bm86 antigen in the yeast Pichia pastoris forming highly immunogenic particles for cattle. <i>Journal of Biotechnology</i> , 1994 , 33, 135-46 | 3.7 | 148 |

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| 485 | Control of ticks resistant to immunization with Bm86 in cattle vaccinated with the recombinant antigen Bm95 isolated from the cattle tick, <i>Boophilus microplus</i> . <i>Vaccine</i> , 2000 , 18, 2275-87 | 4.1 | 133 |
| 484 | Large-scale production in <i>Pichia pastoris</i> of the recombinant vaccine Gavac against cattle tick. <i>Vaccine</i> , 1997 , 15, 414-22 | 4.1 | 129 |
| 483 | Reversible silencing of enhancers by sequences derived from the human IFN-alpha promoter. <i>Cell</i> , 1987 , 50, 1057-69 | 56.2 | 127 |
| 482 | Sequence analysis of the msp4 gene of <i>Anaplasma ovis</i> strains. <i>Veterinary Microbiology</i> , 2007 , 119, 375-83 | 3.3 | 125 |
| 481 | Vaccination against ticks (<i>Boophilus</i> spp.): the experience with the Bm86-based vaccine Gavac. <i>Genetic Analysis, Techniques and Applications</i> , 1999 , 15, 143-8 | | 125 |
| 480 | Impact of climate trends on tick-borne pathogen transmission. <i>Frontiers in Physiology</i> , 2012 , 3, 64 | 4.6 | 120 |
| 479 | RNA interference for the study and genetic manipulation of ticks. <i>Trends in Parasitology</i> , 2007 , 23, 427-38 | 4 | 118 |
| 478 | Bovine tuberculosis in Doñana Biosphere Reserve: the role of wild ungulates as disease reservoirs in the last Iberian lynx strongholds. <i>PLoS ONE</i> , 2008 , 3, e2776 | 3.7 | 115 |
| 477 | The tick protective antigen, 4D8, is a conserved protein involved in modulation of tick blood ingestion and reproduction. <i>Vaccine</i> , 2006 , 24, 4082-95 | 4.1 | 112 |
| 476 | Identification of protective antigens for the control of <i>Ixodes scapularis</i> infestations using cDNA expression library immunization. <i>Vaccine</i> , 2003 , 21, 1492-501 | 4.1 | 110 |
| 475 | Lesions associated with <i>Mycobacterium tuberculosis</i> complex infection in the European wild boar. <i>Tuberculosis</i> , 2007 , 87, 360-7 | 2.6 | 106 |
| 474 | Advances in the identification and characterization of protective antigens for recombinant vaccines against tick infestations. <i>Expert Review of Vaccines</i> , 2003 , 2, 583-93 | 5.2 | 105 |
| 473 | Genetic diversity of anaplasma species major surface proteins and implications for anaplasmosis serodiagnosis and vaccine development. <i>Animal Health Research Reviews</i> , 2005 , 6, 75-89 | 2.1 | 104 |
| 472 | Potential vertebrate reservoir hosts and invertebrate vectors of <i>Anaplasma marginale</i> and <i>A. phagocytophilum</i> in central Spain. <i>Vector-Borne and Zoonotic Diseases</i> , 2005 , 5, 390-401 | 2.4 | 103 |
| 471 | Crossing the interspecies barrier: opening the door to zoonotic pathogens. <i>PLoS Pathogens</i> , 2014 , 10, e1004129 | 7.6 | 97 |
| 470 | Spatial distribution and risk factors of Brucellosis in Iberian wild ungulates. <i>BMC Infectious Diseases</i> , 2010 , 10, 46 | 4 | 96 |
| 469 | Molecular phylogeny and biogeography of North American isolates of <i>Anaplasma marginale</i> (Rickettsiaceae: Ehrlichieae). <i>Veterinary Parasitology</i> , 2001 , 97, 65-76 | 2.8 | 94 |
| 468 | The Wild Side of Disease Control at the Wildlife-Livestock-Human Interface: A Review. <i>Frontiers in Veterinary Science</i> , 2014 , 1, 27 | 3.1 | 93 |

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|-----|--|------|----|
| 467 | Disease threats to the endangered Iberian lynx (<i>Lynx pardinus</i>). <i>Veterinary Journal</i> , 2009 , 182, 114-24 | 2.5 | 93 |
| 466 | Differential adhesion of major surface proteins 1a and 1b of the ehrlichial cattle pathogen <i>Anaplasma marginale</i> to bovine erythrocytes and tick cells. <i>International Journal for Parasitology</i> , 2001 , 31, 145-53 | 4.3 | 92 |
| 465 | Sequence variations in the <i>Boophilus microplus</i> Bm86 locus and implications for immunoprotection in cattle vaccinated with this antigen. <i>Experimental and Applied Acarology</i> , 1999 , 23, 883-95 | 2.1 | 91 |
| 464 | Protection against tuberculosis in Eurasian wild boar vaccinated with heat-inactivated <i>Mycobacterium bovis</i> . <i>PLoS ONE</i> , 2011 , 6, e24905 | 3.7 | 90 |
| 463 | Characterization of ferritin 2 for the control of tick infestations. <i>Vaccine</i> , 2010 , 28, 2993-8 | 4.1 | 89 |
| 462 | Ixodid ticks parasitizing Iberian red deer (<i>Cervus elaphus hispanicus</i>) and European wild boar (<i>Sus scrofa</i>) from Spain: geographical and temporal distribution. <i>Veterinary Parasitology</i> , 2006 , 140, 133-42 | 2.8 | 89 |
| 461 | Reduction of tick infections with <i>Anaplasma marginale</i> and <i>A. phagocytophilum</i> by targeting the tick protective antigen subolesin. <i>Parasitology Research</i> , 2006 , 100, 85-91 | 2.4 | 89 |
| 460 | Serologic and molecular characterization of <i>Anaplasma</i> species infection in farm animals and ticks from Sicily. <i>Veterinary Parasitology</i> , 2005 , 133, 357-62 | 2.8 | 89 |
| 459 | Systems biology of tissue-specific response to <i>Anaplasma phagocytophilum</i> reveals differentiated apoptosis in the tick vector <i>Ixodes scapularis</i> . <i>PLoS Genetics</i> , 2015 , 11, e1005120 | 6 | 88 |
| 458 | Targeting arthropod subolesin/akirin for the development of a universal vaccine for control of vector infestations and pathogen transmission. <i>Veterinary Parasitology</i> , 2011 , 181, 17-22 | 2.8 | 88 |
| 457 | Protection against <i>Boophilus annulatus</i> infestations in cattle vaccinated with the B. microplus Bm86-containing vaccine Gavac. off. <i>Vaccine</i> , 1998 , 16, 1990-2 | 4.1 | 88 |
| 456 | bptA (bbe16) is essential for the persistence of the Lyme disease spirochete, <i>Borrelia burgdorferi</i> , in its natural tick vector. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 6972-7 | 11.5 | 88 |
| 455 | Analysis of world strains of <i>Anaplasma marginale</i> using major surface protein 1a repeat sequences. <i>Veterinary Microbiology</i> , 2007 , 119, 382-90 | 3.3 | 87 |
| 454 | Progress in the control of bovine tuberculosis in Spanish wildlife. <i>Veterinary Microbiology</i> , 2011 , 151, 170-8 | 3.3 | 85 |
| 453 | Identification and characterization of <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> candidate protective antigens for the control of cattle tick infestations. <i>Parasitology Research</i> , 2010 , 106, 471-9 | 2.4 | 85 |
| 452 | Integrated Metabolomics, Transcriptomics and Proteomics Identifies Metabolic Pathways Affected by <i>Anaplasma phagocytophilum</i> Infection in Tick Cells. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 3154-72 | 7.6 | 84 |
| 451 | Control of <i>Boophilus microplus</i> populations in grazing cattle vaccinated with a recombinant Bm86 antigen preparation. <i>Veterinary Parasitology</i> , 1995 , 57, 339-49 | 2.8 | 84 |
| 450 | Reinstatement of <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>australis</i> (Acari: Ixodidae) with redescription of the adult and larval stages. <i>Journal of Medical Entomology</i> , 2012 , 49, 794-802 | 2.2 | 83 |

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| 449 | Gene silencing of the tick protective antigens, Bm86, Bm91 and subolesin, in the one-host tick <i>Boophilus microplus</i> by RNA interference. <i>International Journal for Parasitology</i> , 2007 , 37, 653-62 | 4.3 | 82 |
| 448 | Phylogeography of New World isolates of <i>Anaplasma marginale</i> based on major surface protein sequences. <i>Veterinary Microbiology</i> , 2002 , 88, 275-85 | 3.3 | 82 |
| 447 | Serologic tests for detecting antibodies against <i>Mycobacterium bovis</i> and <i>Mycobacterium avium</i> subspecies paratuberculosis in Eurasian wild boar (<i>Sus scrofa scrofa</i>). <i>Journal of Veterinary Diagnostic Investigation</i> , 2011 , 23, 77-83 | 1.5 | 81 |
| 446 | Control of ticks of ruminants, with special emphasis on livestock farming systems in India: present and future possibilities for integrated control--a review. <i>Experimental and Applied Acarology</i> , 2006 , 40, 49-66 | 2.1 | 80 |
| 445 | Strategies for new and improved vaccines against ticks and tick-borne diseases. <i>Parasite Immunology</i> , 2016 , 38, 754-769 | 2.2 | 79 |
| 444 | Vaccination with recombinant <i>Boophilus annulatus</i> Bm86 ortholog protein, Ba86, protects cattle against <i>B. annulatus</i> and <i>B. microplus</i> infestations. <i>BMC Biotechnology</i> , 2009 , 9, 29 | 3.5 | 79 |
| 443 | Prevalence of tick-borne pathogens in adult <i>Dermacentor</i> spp. ticks from nine collection sites in France. <i>Vector-Borne and Zoonotic Diseases</i> , 2013 , 13, 226-36 | 2.4 | 78 |
| 442 | Major surface protein 1a effects tick infection and transmission of <i>Anaplasma marginale</i> . <i>International Journal for Parasitology</i> , 2001 , 31, 1705-14 | 4.3 | 77 |
| 441 | Tick vaccines: current status and future directions. <i>Expert Review of Vaccines</i> , 2015 , 14, 1367-76 | 5.2 | 75 |
| 440 | Functional genomic studies of tick cells in response to infection with the cattle pathogen, <i>Anaplasma marginale</i> . <i>Genomics</i> , 2007 , 90, 712-22 | 4.3 | 75 |
| 439 | Tick subolesin is an ortholog of the akirins described in insects and vertebrates. <i>Developmental and Comparative Immunology</i> , 2009 , 33, 612-7 | 3.2 | 74 |
| 438 | Observed prevalence of tick-borne pathogens in domestic animals in Sicily, Italy during 2003-2005. <i>Zoonoses and Public Health</i> , 2007 , 54, 8-15 | 2.9 | 73 |
| 437 | Temporal trend of tuberculosis in wild ungulates from Mediterranean Spain. <i>Transboundary and Emerging Diseases</i> , 2013 , 60 Suppl 1, 92-103 | 4.2 | 72 |
| 436 | Characterization of three <i>Ixodes scapularis</i> cDNAs protective against tick infestations. <i>Vaccine</i> , 2005 , 23, 4403-16 | 4.1 | 71 |
| 435 | Control of multiple arthropod vector infestations with subolesin/akirin vaccines. <i>Vaccine</i> , 2013 , 31, 1187-96 | 4.1 | 68 |
| 434 | <i>Anaplasma marginale</i> msp1alpha genotypes evolved under positive selection pressure but are not markers for geographic isolates. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 1609-16 | 9.7 | 67 |
| 433 | Effects of culling Eurasian wild boar on the prevalence of <i>Mycobacterium bovis</i> and Aujeszky's disease virus. <i>Preventive Veterinary Medicine</i> , 2012 , 107, 214-21 | 3.1 | 66 |
| 432 | Allopatric speciation in ticks: genetic and reproductive divergence between geographic strains of <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> . <i>BMC Evolutionary Biology</i> , 2009 , 9, 46 | 3 | 66 |

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| 431 | Evidence of the role of tick subolesin in gene expression. <i>BMC Genomics</i> , 2008 , 9, 372 | 4.5 | 66 |
| 430 | Characterization of the functional domain of major surface protein 1a involved in adhesion of the rickettsia <i>Anaplasma marginale</i> to host cells. <i>Veterinary Microbiology</i> , 2003 , 91, 265-83 | 3.3 | 65 |
| 429 | Infection exclusion of the rickettsial pathogen <i>Anaplasma marginale</i> in the tick vector <i>Dermacentor variabilis</i> . <i>Vaccine Journal</i> , 2003 , 10, 182-4 | | 65 |
| 428 | RNA interference screening in ticks for identification of protective antigens. <i>Parasitology Research</i> , 2005 , 96, 137-41 | 2.4 | 65 |
| 427 | Molecular detection of vector-borne pathogens in wild and domestic carnivores and their ticks at the human-wildlife interface. <i>Ticks and Tick-borne Diseases</i> , 2016 , 7, 284-90 | 3.6 | 64 |
| 426 | Tick vaccines and the control of tick-borne pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013 , 3, 30 | 5.9 | 63 |
| 425 | First serological and molecular evidence on the endemicity of <i>Anaplasma ovis</i> and <i>A. marginale</i> in Hungary. <i>Veterinary Microbiology</i> , 2007 , 122, 316-22 | 3.3 | 63 |
| 424 | Effect of vaccination with a recombinant Bm86 antigen preparation on natural infestations of <i>Boophilus microplus</i> in grazing dairy and beef pure and cross-bred cattle in Brazil. <i>Vaccine</i> , 1995 , 13, 1804-8 | 4.1 | 63 |
| 423 | Vaccinomics, the new road to tick vaccines. <i>Vaccine</i> , 2013 , 31, 5923-9 | 4.1 | 62 |
| 422 | Targeting the tick protective antigen subolesin reduces vector infestations and pathogen infection by <i>Anaplasma marginale</i> and <i>Babesia bigemina</i> . <i>Vaccine</i> , 2011 , 29, 8575-9 | 4.1 | 62 |
| 421 | Gene expression profiling of human promyelocytic cells in response to infection with <i>Anaplasma phagocytophilum</i> . <i>Cellular Microbiology</i> , 2005 , 7, 549-59 | 3.9 | 62 |
| 420 | Vaccination with proteins involved in tick-pathogen interactions reduces vector infestations and pathogen infection. <i>Vaccine</i> , 2013 , 31, 5889-96 | 4.1 | 61 |
| 419 | Molecular identification of <i>Anaplasma marginale</i> and rickettsial endosymbionts in blood-sucking flies (Diptera: Tabanidae, Muscidae) and hard ticks (Acari: Ixodidae). <i>Veterinary Parasitology</i> , 2008 , 154, 354-9 | 2.8 | 61 |
| 418 | Prevalence of tick-borne pathogens in ixodid ticks (Acari: Ixodidae) collected from European wild boar (<i>Sus scrofa</i>) and Iberian red deer (<i>Cervus elaphus hispanicus</i>) in central Spain. <i>European Journal of Wildlife Research</i> , 2004 , 50, 187-196 | 2 | 61 |
| 417 | Evolution and function of tandem repeats in the major surface protein 1a of the ehrlichial pathogen <i>Anaplasma marginale</i> . <i>Animal Health Research Reviews</i> , 2001 , 2, 163-174 | 2.1 | 61 |
| 416 | Development and validation of two PCR tests for the detection of and differentiation between <i>Anaplasma ovis</i> and <i>Anaplasma marginale</i> . <i>Ticks and Tick-borne Diseases</i> , 2012 , 3, 283-7 | 3.6 | 60 |
| 415 | Vaccination with recombinant tick antigens for the control of <i>Ixodes scapularis</i> adult infestations. <i>Vaccine</i> , 2005 , 23, 5294-8 | 4.1 | 60 |
| 414 | Functional genomics studies of <i>Rhipicephalus (Boophilus) annulatus</i> ticks in response to infection with the cattle protozoan parasite, <i>Babesia bigemina</i> . <i>International Journal for Parasitology</i> , 2012 , 42, 187-95 | 4.3 | 59 |

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|-----|--|-----|----|
| 413 | Anaplasma infection in free-ranging Iberian red deer in the region of Castilla-La Mancha, Spain. <i>Veterinary Microbiology</i> , 2004 , 100, 163-73 | 3.3 | 59 |
| 412 | Factors driving the abundance of ixodes ricinus ticks and the prevalence of zoonotic I. ricinus-borne pathogens in natural foci. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2669-76 | 4.8 | 58 |
| 411 | First data on Eurasian wild boar response to oral immunization with BCG and challenge with a Mycobacterium bovis field strain. <i>Vaccine</i> , 2009 , 27, 6662-8 | 4.1 | 58 |
| 410 | Evidence of Anaplasma infections in European roe deer (Capreolus capreolus) from southern Spain. <i>Research in Veterinary Science</i> , 2008 , 84, 382-6 | 2.5 | 58 |
| 409 | Immunological control of ticks through vaccination with Boophilus microplus gut antigens. <i>Annals of the New York Academy of Sciences</i> , 2000 , 916, 617-21 | 6.5 | 58 |
| 408 | Tick control: further thoughts on a research agenda. <i>Trends in Parasitology</i> , 2006 , 22, 550-1 | 6.4 | 57 |
| 407 | Tick-Host-Pathogen Interactions: Conflict and Cooperation. <i>PLoS Pathogens</i> , 2016 , 12, e1005488 | 7.6 | 57 |
| 406 | First molecular evidence of Anaplasma ovis and Rickettsia spp. in keds (Diptera: Hippoboscidae) of sheep and wild ruminants. <i>Vector-Borne and Zoonotic Diseases</i> , 2011 , 11, 1319-21 | 2.4 | 56 |
| 405 | Serologic cross-reactivity between Anaplasma marginale and Anaplasma phagocytophilum. <i>Vaccine Journal</i> , 2005 , 12, 1177-83 | | 56 |
| 404 | Conservation of major surface protein 1 genes of Anaplasma marginale during cyclic transmission between ticks and cattle. <i>Gene</i> , 2002 , 282, 95-102 | 3.8 | 56 |
| 403 | Conservation and immunogenicity of the mosquito ortholog of the tick-protective antigen, subolesin. <i>Parasitology Research</i> , 2009 , 105, 97-111 | 2.4 | 55 |
| 402 | Genetic basis and impact of tick acaricide resistance. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 2657-65.8 | | 55 |
| 401 | Control of Rhipicephalus (Boophilus) microplus infestations by the combination of subolesin vaccination and tick autocidal control after subolesin gene knockdown in ticks fed on cattle. <i>Vaccine</i> , 2011 , 29, 2248-54 | 4.1 | 54 |
| 400 | Silencing of genes involved in Anaplasma marginale-tick interactions affects the pathogen developmental cycle in Dermacentor variabilis. <i>BMC Developmental Biology</i> , 2009 , 9, 42 | 3.1 | 54 |
| 399 | sp. nov., isolated from the tick. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1426-1430 | 2.2 | 54 |
| 398 | Vaccination with BM86, subolesin and akirin protective antigens for the control of tick infestations in white tailed deer and red deer. <i>Vaccine</i> , 2012 , 30, 273-9 | 4.1 | 53 |
| 397 | Expression of heat shock proteins and subolesin affects stress responses, Anaplasma phagocytophilum infection and questing behaviour in the tick, Ixodes scapularis. <i>Medical and Veterinary Entomology</i> , 2012 , 26, 92-102 | 2.4 | 52 |
| 396 | Anaplasma phagocytophilum inhibits apoptosis and promotes cytoskeleton rearrangement for infection of tick cells. <i>Infection and Immunity</i> , 2013 , 81, 2415-25 | 3.7 | 52 |

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| 395 | One Health approach to identify research needs in bovine and human babesioses: workshop report. <i>Parasites and Vectors</i> , 2010 , 3, 36 | 4 | 52 |
| 394 | Immunisation with recombinant proteins subolesin and Bm86 for the control of <i>Dermanyssus gallinae</i> in poultry. <i>Vaccine</i> , 2009 , 27, 4056-63 | 4.1 | 52 |
| 393 | Autocidal control of ticks by silencing of a single gene by RNA interference. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 344, 332-8 | 3.4 | 52 |
| 392 | <i>Anaplasma phagocytophilum</i> Uses Common Strategies for Infection of Ticks and Vertebrate Hosts. <i>Trends in Microbiology</i> , 2016 , 24, 173-180 | 12.4 | 51 |
| 391 | Infection-derived lipids elicit an immune deficiency circuit in arthropods. <i>Nature Communications</i> , 2017 , 8, 14401 | 17.4 | 50 |
| 390 | Environmental and Molecular Drivers of the β Gal Syndrome. <i>Frontiers in Immunology</i> , 2019 , 10, 1210 | 8.4 | 50 |
| 389 | Differential expression of genes in salivary glands of male <i>Rhipicephalus (Boophilus) microplus</i> in response to infection with <i>Anaplasma marginale</i> . <i>BMC Genomics</i> , 2010 , 11, 186 | 4.5 | 49 |
| 388 | Prevalence and genotypes of <i>Anaplasma</i> species and habitat suitability for ticks in a Mediterranean ecosystem. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 7578-84 | 4.8 | 49 |
| 387 | Characterization of anaplasma infections in Sicily, Italy. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1149, 90-3 | 6.5 | 49 |
| 386 | The genus <i>Anaplasma</i> : new challenges after reclassification. <i>OIE Revue Scientifique Et Technique</i> , 2015 , 34, 577-86 | 2.5 | 49 |
| 385 | Effect of blood type on anti- β Gal immunity and the incidence of infectious diseases. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e301 | 12.8 | 48 |
| 384 | <i>Ixodes scapularis</i> and <i>Ixodes ricinus</i> tick cell lines respond to infection with tick-borne encephalitis virus: transcriptomic and proteomic analysis. <i>Parasites and Vectors</i> , 2015 , 8, 599 | 4 | 48 |
| 383 | Interactions between tick and transmitted pathogens evolved to minimise competition through nested and coherent networks. <i>Scientific Reports</i> , 2015 , 5, 10361 | 4.9 | 47 |
| 382 | Control of tick infestations in cattle vaccinated with bacterial membranes containing surface-exposed tick protective antigens. <i>Vaccine</i> , 2012 , 30, 265-72 | 4.1 | 47 |
| 381 | Integrated control of acaricide-resistant <i>Boophilus microplus</i> populations on grazing cattle in Mexico using vaccination with Gavac and amidine treatments. <i>Experimental and Applied Acarology</i> , 1999 , 23, 841-9 | 2.1 | 47 |
| 380 | Subolesin/Akirin vaccines for the control of arthropod vectors and vectorborne pathogens. <i>Transboundary and Emerging Diseases</i> , 2013 , 60 Suppl 2, 172-8 | 4.2 | 46 |
| 379 | Prevalence of <i>Coxiella burnetii</i> infection in wild and farmed ungulates. <i>Veterinary Microbiology</i> , 2008 , 126, 282-6 | 3.3 | 46 |
| 378 | Proteomic and transcriptomic analyses of differential stress/inflammatory responses in mandibular lymph nodes and oropharyngeal tonsils of European wild boars naturally infected with <i>Mycobacterium bovis</i> . <i>Proteomics</i> , 2007 , 7, 220-31 | 4.8 | 46 |

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|-----|--|-----|----|
| 377 | Transovarial silencing of the subolesin gene in three-host ixodid tick species after injection of replete females with subolesin dsRNA. <i>Parasitology Research</i> , 2007 , 100, 1411-5 | 2.4 | 46 |
| 376 | Anaplasma phagocytophilum increases the levels of histone modifying enzymes to inhibit cell apoptosis and facilitate pathogen infection in the tick vector Ixodes scapularis. <i>Epigenetics</i> , 2016 , 11, 303-19 | 5.7 | 46 |
| 375 | SARS-CoV-2 in animals: potential for unknown reservoir hosts and public health implications. <i>Veterinary Quarterly</i> , 2021 , 41, 181-201 | 8 | 46 |
| 374 | Controlling ticks and tick-borne diseases looking forward. <i>Ticks and Tick-borne Diseases</i> , 2018 , 9, 1354-1357 | 3.6 | 45 |
| 373 | Subolesin expression in response to pathogen infection in ticks. <i>BMC Immunology</i> , 2010 , 11, 7 | 3.7 | 45 |
| 372 | Guidelines for the Direct Detection of Anaplasma spp. in Diagnosis and Epidemiological Studies. <i>Vector-Borne and Zoonotic Diseases</i> , 2017 , 17, 12-22 | 2.4 | 44 |
| 371 | Molecular identification of tick-borne pathogens in Nigerian ticks. <i>Veterinary Parasitology</i> , 2012 , 187, 572-7 | 2.8 | 44 |
| 370 | Fine-tuning the space, time, and host distribution of mycobacteria in wildlife. <i>BMC Microbiology</i> , 2011 , 11, 27 | 4.5 | 44 |
| 369 | Introduction of foreign DNA into the spermatozoa of farm animals. <i>Theriogenology</i> , 1990 , 34, 1099-1110 | 2.8 | 44 |
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| 367 | West Nile virus in the endangered Spanish imperial eagle. <i>Veterinary Microbiology</i> , 2008 , 129, 171-8 | 3.3 | 43 |
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