

# Ricardo PÃ©rez-SÃ¡nchez

## List of Publications by Year in descending order

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68  
papers

1,978  
citations

201674

27  
h-index

289244

40  
g-index

69  
all docs

69  
docs citations

69  
times ranked

1924  
citing authors

#	ARTICLE	IF	CITATIONS
1	African swine fever virus transmission cycles in Central Europe: Evaluation of wild boar-soft tick contacts through detection of antibodies against <i>Ornithodoros erraticus</i> saliva antigen. <i>BMC Veterinary Research</i> , 2016, 12, 1.	1.9	125
2	Review of the sylvatic cycle of African swine fever in sub-Saharan Africa and the Indian ocean. <i>Virus Research</i> , 2013, 173, 212-227.	2.2	124
3	<i>Schistosoma bovis</i> : Plasminogen binding in adults and the identification of plasminogen-binding proteins from the worm tegument. <i>Experimental Parasitology</i> , 2007, 115, 83-91.	1.2	98
4	Proteomic analysis of the tegument and excretory-secretory products of adult <i>Schistosoma bovis</i> worms. <i>Proteomics</i> , 2006, 6, S226-S236.	2.2	93
5	An insight into the proteome of the saliva of the argasid tick <i>Ornithodoros moubata</i> reveals important differences in saliva protein composition between the sexes. <i>Journal of Proteomics</i> , 2013, 80, 216-235.	2.4	76
6	Cloning and characterization of a plasminogen-binding surface-associated enolase from <i>Schistosoma bovis</i> . <i>Veterinary Parasitology</i> , 2010, 173, 76-84.	1.8	63
7	A proteomic approach to the identification of tegumental proteins of male and female <i>Schistosoma bovis</i> worms. <i>Molecular and Biochemical Parasitology</i> , 2008, 161, 112-123.	1.1	59
8	<i>Rickettsia aeschlimannii</i> in Spain: molecular evidence in <i>Hyalomma marginatum</i> and five other tick species that feed on humans. <i>Emerging Infectious Diseases</i> , 2003, 9, 889-90.	4.3	56
9	A proteomic approach to the identification of salivary proteins from the argasid ticks <i>Ornithodoros moubata</i> and <i>Ornithodoros erraticus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1149-1159.	2.7	50
10	Cloning and characterization of a plasminogen-binding enolase from the saliva of the argasid tick <i>Ornithodoros moubata</i> . <i>Veterinary Parasitology</i> , 2013, 191, 301-314.	1.8	41
11	Subolesin/akirin orthologs from <i>Ornithodoros</i> spp. soft ticks: Cloning, RNAi gene silencing and protective effect of the recombinant proteins. <i>Veterinary Parasitology</i> , 2012, 185, 248-259.	1.8	39
12	Spotted Fever Group <i>Rickettsiae</i> in Ticks Feeding on Humans in Northwestern Spain: Is <i>Rickettsia conorii</i> Vanishing?. <i>Annals of the New York Academy of Sciences</i> , 2006, 1078, 331-333.	3.8	37
13	Self-assembled Protein Arrays from an <i>Ornithodoros moubata</i> Salivary Gland Expression Library. <i>Journal of Proteome Research</i> , 2012, 11, 5972-5982.	3.7	37
14	Assessment of interactions between African swine fever virus, bushpigs ( <i>Potamochoerus larvatus</i> ), <i>Ornithodoros</i> ticks and domestic pigs in north-western Madagascar. <i>Transboundary and Emerging Diseases</i> , 2011, 58, 247-254.	3.0	35
15	Development of vaccines against <i>Ornithodoros</i> soft ticks: An update. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 211-220.	2.7	35
16	Functional annotation and analysis of the <i>Ornithodoros moubata</i> midgut genes differentially expressed after blood feeding. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 693-708.	2.7	34
17	Tick species and tick-borne infections identified in population from a rural area of Spain. <i>Epidemiology and Infection</i> , 2005, 133, 943-949.	2.1	33
18	A proteomic insight into the midgut proteome of <i>Ornithodoros moubata</i> females reveals novel information on blood digestion in argasid ticks. <i>Parasites and Vectors</i> , 2017, 10, 366.	2.5	33

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19	Epidemiological surveillance of schistosomiasis outbreak in Corsica (France): Are animal reservoir hosts implicated in local transmission?. PLoS Neglected Tropical Diseases, 2019, 13, e0007543.	3.0	33
20	Rickettsia massiliae in ticks removed from humans in Castilla y LeÃ³n, Spain. European Journal of Clinical Microbiology and Infectious Diseases, 2006, 25, 811-813.	2.9	31
21	A proteomics informed by transcriptomics insight into the proteome of Ornithodoros erraticus adult tick saliva. Parasites and Vectors, 2022, 15, 1.	2.5	31
22	A study of the vaccinal value of various extracts of concealed antigens and salivary gland extracts against Ornithodoros erraticus and Ornithodoros moubata. Veterinary Parasitology, 1995, 60, 133-147.	1.8	30
23	Midgut proteome of an argasid tick, Ornithodoros erraticus: a comparison between unfed and engorged females. Parasites and Vectors, 2015, 8, 525.	2.5	30
24	Cloning, characterization and diagnostic performance of the salivary lipocalin protein TSGP1 from Ornithodoros moubata. Veterinary Parasitology, 2011, 178, 163-172.	1.8	29
25	Comparative proteomic analysis of Fasciola hepatica juveniles and Schistosoma bovis schistosomula. Journal of Proteomics, 2011, 74, 1534-1544.	2.4	29
26	Host immune response evasion strategies in <i>Ornithodoros erraticus</i> and <i>O. moubata</i> and their relationship to the development of an antiargasid vaccine. Parasite Immunology, 1997, 19, 401-410.	1.5	28
27	Detection and identification of Rickettsia helvetica and Rickettsia sp. IRS3/IRS4 in Ixodes ricinus ticks found on humans in Spain. European Journal of Clinical Microbiology and Infectious Diseases, 2004, 23, 648-9.	2.9	27
28	Molecular and functional characterization of a Schistosoma bovis annexin: Fibrinolytic and anticoagulant activity. Veterinary Parasitology, 2012, 184, 25-36.	1.8	27
29	Antigens from the midgut membranes of Ornithodoros erraticus induce lethal anti-tick immune responses in pigs and mice. Veterinary Parasitology, 2006, 135, 65-79.	1.8	26
30	Purification and characterisation of a P-selectin-binding molecule from the salivary glands of Ornithodoros moubata that induces protective anti-tick immune responses in pigs. International Journal for Parasitology, 2010, 40, 313-326.	3.1	26
31	Evaluation of an enzyme-linked immunosorbent assay to detect specific antibodies in pigs infested with the tick Ornithodoros erraticus (Argasidae). Veterinary Parasitology, 1990, 37, 145-153.	1.8	25
32	Investigation into the Epidemiology of African Swine Fever Virus at the Wildlife - Domestic Interface of the Gorongosa National Park, Central Mozambique. Transboundary and Emerging Diseases, 2016, 63, 443-451.	3.0	25
33	Detection of pig farms with Ornithodoros erraticus by pig serology. Elimination of non-specific reactions by carbohydrate epitopes of salivary antigens. Veterinary Parasitology, 1994, 52, 97-111.	1.8	24
34	New salivary anti-haemostatics containing protective epitopes from Ornithodoros moubata ticks: Assessment of their individual and combined vaccine efficacy. Veterinary Parasitology, 2015, 212, 336-349.	1.8	24
35	Carbohydrate profiling and protein identification of tegumental and excreted/secreted glycoproteins of adult Schistosoma bovis worms. Veterinary Parasitology, 2007, 144, 45-60.	1.8	23
36	Purification and characterization of a 45-kDa concealed antigen from the midgut membranes of Ornithodoros erraticus that induces lethal anti-tick immune responses in pigs. Veterinary Parasitology, 2007, 145, 314-325.	1.8	23

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37	Identification of immunoreactive proteins from the dog heartworm ( <i>Dirofilaria immitis</i> ) differentially recognized by the sera from dogs with patent or occult infections. <i>Molecular and Biochemical Parasitology</i> , 2009, 166, 134-141.	1.1	23
38	De novo assembly and analysis of midgut transcriptome of the argasid tick <i>Ornithodoros erraticus</i> and identification of genes differentially expressed after blood feeding. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1537-1554.	2.7	21
39	Tick pathogenicity, thermal tolerance and virus infection in <i>Tolypocladium cylindrosporum</i> . <i>Annals of Applied Biology</i> , 2011, 159, 192-201.	2.5	20
40	Serological Surveillance and Direct Field Searching Reaffirm the Absence of <i>Ornithodoros Erraticus</i> Ticks Role in African Swine Fever Cycle in Sardinia. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 1322-1328.	3.0	20
41	<i>Rickettsia slovaca</i> in <i>Dermacentor</i> ticks found on humans in Spain. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2006, 25, 129-131.	2.9	19
42	Function-guided selection of midgut antigens from <i>Ornithodoros erraticus</i> ticks and an evaluation of their protective efficacy in rabbits. <i>Veterinary Parasitology</i> , 2019, 272, 1-12.	1.8	18
43	Antigens of Interest for the Diagnosis of Parasitism in Pigs by <i>Ornithodoros erraticus</i> and <i>Ornithodoros moubata</i> . <i>Journal of Parasitology</i> , 1997, 83, 831.	0.7	17
44	In vivo intravascular biotinylation of <i>Schistosoma bovis</i> adult worms and proteomic analysis of tegumental surface proteins. <i>Journal of Proteomics</i> , 2013, 94, 513-526.	2.4	17
45	Pathogenicity of endophytic entomopathogenic fungi to <i>Ornithodoros erraticus</i> and <i>Ornithodoros moubata</i> (Acari: Argasidae). <i>Veterinary Parasitology</i> , 2008, 158, 336-343.	1.8	16
46	Evaluation of the protective efficacy of <i>Ornithodoros moubata</i> midgut membrane antigens selected using omics and in silico prediction algorithms. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1158-1172.	2.7	16
47	Sialotranscriptomics of the argasid tick <i>Ornithodoros moubata</i> along the trophogonic cycle. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009105.	3.0	16
48	Analysis of the specificity of the salivary antigens of <i>Ornithodoros erraticus</i> for the purpose of serological detection of swine farms harbouring the parasite. <i>Parasite Immunology</i> , 1992, 14, 201-216.	1.5	15
49	Detection of antibodies to tick salivary antigens among patients from a region of Spain. <i>European Journal of Epidemiology</i> , 2003, 19, 79-83.	5.7	15
50	In silico selection of functionally important proteins from the mialome of <i>Ornithodoros erraticus</i> ticks and assessment of their protective efficacy as vaccine targets. <i>Parasites and Vectors</i> , 2019, 12, 508.	2.5	15
51	Purification, N-terminal sequencing and diagnostic value of the major antigens of <i>Ornithodoros erraticus</i> and <i>O. moubata</i> . <i>Veterinary Parasitology</i> , 2000, 87, 193-206.	1.8	14
52	Identification of protective linear B-cell epitopes on the subolesin/akirin orthologues of <i>Ornithodoros</i> spp. soft ticks. <i>Vaccine</i> , 2015, 33, 1046-1055.	3.8	14
53	RNA-seq analysis and gene expression dynamics in the salivary glands of the argasid tick <i>Ornithodoros erraticus</i> along the trophogonic cycle. <i>Parasites and Vectors</i> , 2021, 14, 170.	2.5	14
54	Proteomics informed by transcriptomics for a qualitative and quantitative analysis of the sialoproteome of adult <i>Ornithodoros moubata</i> ticks. <i>Parasites and Vectors</i> , 2021, 14, 396.	2.5	14

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55	Protein arrays as tool for studies at the host-pathogen interface. <i>Journal of Proteomics</i> , 2013, 94, 387-400.	2.4	12
56	Gene Silencing in Parasites. <i>Advances in Parasitology</i> , 2012, 78, 1-55.	3.2	11
57	The seroprevalence of human infection with <i>Rickettsia slovaca</i> , in an area of northern Spain. <i>Annals of Tropical Medicine and Parasitology</i> , 2006, 100, 337-343.	1.6	10
58	Increased prevalence of <i>Rickettsia aeschlimannii</i> in Castilla y León, Spain. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009, 28, 693-695.	2.9	10
59	Molecular cloning, characterization and diagnostic performance of the <i>Schistosoma bovis</i> 22.6 antigen. <i>Veterinary Parasitology</i> , 2012, 190, 530-540.	1.8	10
60	First molecular and functional characterisation of ferritin 2 proteins from <i>Ornithodoros argasid</i> ticks. <i>Veterinary Parasitology</i> , 2022, 304, 109684.	1.8	10
61	Proteomic identification of endothelial cell surface proteins isolated from the hepatic portal vein of mice infected with <i>Schistosoma bovis</i> . <i>Journal of Proteomics</i> , 2012, 77, 129-143.	2.4	9
62	<i>Schistosoma bovis</i> -host interplay: Proteomics for knowing and acting. <i>Molecular and Biochemical Parasitology</i> , 2017, 215, 30-39.	1.1	9
63	Relationships between the Defensive Systems of Iberian-Breed Swine and the European Vector of African Swine Fever, <i>Ornithodoros erraticus</i> . <i>Journal of Parasitology</i> , 1990, 76, 874.	0.7	8
64	TSGP4 from <i>Ornithodoros moubata</i> : molecular cloning, phylogenetic analysis and vaccine efficacy of a new member of the lipocalin clade of cysteinyl leukotriene scavengers. <i>Veterinary Parasitology</i> , 2016, 227, 130-137.	1.8	8
65	Acaricidal activity of fluralaner against <i>Ornithodoros moubata</i> and <i>Ornithodoros erraticus</i> argasid ticks evaluated through in vitro feeding. <i>Veterinary Parasitology</i> , 2017, 243, 119-124.	1.8	8
66	Schistosome infections induce significant changes in the host biliary proteome. <i>Journal of Proteomics</i> , 2015, 114, 71-82.	2.4	6
67	Proteomic mapping of the lung vascular endothelial cell surface in <i>Schistosoma bovis</i> -infected hamsters. <i>Journal of Proteomics</i> , 2014, 106, 86-98.	2.4	2
68	First Data on <i>Ornithodoros moubata</i> Aquaporins: Structural, Phylogenetic and Immunogenic Characterisation as Vaccine Targets. <i>Pathogens</i> , 2022, 11, 694.	2.8	2