JosÃ© Manuel PÃ©rez de la Lastra

List of Publications by Year
in descending order

87 papers	3,512 citations	172443 29 h-index	149686 56 g-index
92 all docs	92 docs citations	92 times ranked	2579 citing authors

#	Article	IF	Citations
1	Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics. Genes and Diseases, 2023, 10, 1367-1401.	3.4	152
2	The Nitration of Proteins, Lipids and DNA by Peroxynitrite Derivatives-Chemistry Involved and Biological Relevance. Stresses, 2022, 2, 53-64.	4.8	27
3	Betelvine (Piper betle L.): A comprehensive insight into its ethnopharmacology, phytochemistry, and pharmacological, biomedical and therapeutic attributes. Journal of Cellular and Molecular Medicine, 2022, 26, 3083-3119.	3.6	26
4	Nitration of Flavonoids and Tocopherols as Potential Modulators of Nitrosative Stressâ€"A Study Based on Their Conformational Structures and Energy Content. Stresses, 2022, 2, 213-230.	4.8	5
5	Antimicrobial Resistance in the COVID-19 Landscape: Is There an Opportunity for Anti-Infective Antibodies and Antimicrobial Peptides?. Frontiers in Immunology, 2022, 13, .	4.8	15
6	Antimicrobial Activity of Cathelicidin-Derived Peptide from the Iberian Mole Talpa occidentalis. Vaccines, 2022, 10, 1105.	4.4	1
7	Cellular landscaping of cisplatin resistance in cervical cancer. Biomedicine and Pharmacotherapy, 2022, 153, 113345.	5.6	22
8	Impact of Zinc, Glutathione, and Polyphenols as Antioxidants in the Immune Response against SARS-CoV-2. Processes, 2021, 9, 506.	2.8	13
9	Bioinformatic Analysis of Genome-Predicted Bat Cathelicidins. Molecules, 2021, 26, 1811.	3.8	12
10	The Chemistry of Reactive Oxygen Species (ROS) Revisited: Outlining Their Role in Biological Macromolecules (DNA, Lipids and Proteins) and Induced Pathologies. International Journal of Molecular Sciences, 2021, 22, 4642.	4.1	716
11	Potential Therapeutic Targets and Vaccine Development for SARS-CoV-2/COVID-19 Pandemic Management: A Review on the Recent Update. Frontiers in Immunology, 2021, 12, 658519.	4.8	63
12	Theoretical Three-Dimensional Zinc Complexes with Glutathione, Amino Acids and Flavonoids. Stresses, 2021, 1, 123-141.	4.8	1
13	Antibodies targeting enzyme inhibition as potential tools for research and drug development. Biomolecular Concepts, 2021, 12, 215-232.	2.2	3
14	Can Immunization of Hens Provide Oral-Based Therapeutics against COVID-19?. Vaccines, 2020, 8, 486.	4.4	20
15	Are Vaccines the Solution for Methane Emissions from Ruminants? A Systematic Review. Vaccines, 2020, 8, 460.	4.4	18
16	The Road from Host-Defense Peptides to a New Generation of Antimicrobial Drugs. Molecules, 2018, 23, 311.	3.8	97
17	Antimicrobial Activity of Amino Acid Analogues and Their Derivatives. Proceedings (mdpi), 2017, 1, .	0.2	0
18	The Search for New Antimicrobial Agents, by Site-Selective Peptide Modification. Proceedings (mdpi), 2017, 1, .	0.2	0

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19	Antimicrobial Peptides Derived from the Genome Mining of Animals Living in Pathogenic Environments. Proceedings (mdpi), 2017, 1, .	0.2	1
20	Prospects for vaccination against the ticks of pets and the potential impact on pathogen transmission. Veterinary Parasitology, 2015, 208, 26-29.	1.8	19
21	Bacterial membranes enhance the immunogenicity and protective capacity of the surface exposed tick Subolesin-Anaplasma marginale MSP1a chimeric antigen. Ticks and Tick-borne Diseases, 2015, 6, 820-828.	2.7	9
22	Oral Vaccination with Heat Inactivated Mycobacterium bovis Activates the Complement System to Protect against Tuberculosis. PLoS ONE, 2014, 9, e98048.	2.5	52
23	Tonsils of the Soft Palate Do Not Mediate the Response of Pigs to Oral Vaccination with Heat-Inactivated Mycobacterium bovis. Vaccine Journal, 2014, 21, 1128-1136.	3.1	14
24	Tick capillary feeding for the study of proteins involved in tick-pathogen interactions as potential antigens for the control of tick infestation and pathogen infection. Parasites and Vectors, 2014, 7, 42.	2.5	43
25	Control of tick infestations and pathogen prevalence in cattle and sheep farms vaccinated with the recombinant Subolesin-Major Surface Protein 1a chimeric antigen. Parasites and Vectors, 2014, 7, 10.	2.5	36
26	Subolesin/Akirin Vaccines for the Control of Arthropod Vectors and Vectorborne Pathogens. Transboundary and Emerging Diseases, 2013, 60, 172-178.	3.0	56
27	Wildlife and paratuberculosis: A review. Research in Veterinary Science, 2013, 94, 191-197.	1.9	55
28	Control of multiple arthropod vector infestations with subolesin/akirin vaccines. Vaccine, 2013, 31, 1187-1196.	3.8	77
29	Vaccination with proteins involved in tickâ€“pathogen interactions reduces vector infestations and pathogen infection. Vaccine, 2013, 31, 5889-5896.	3.8	94
30	Immunization with recombinant subolesin does not reduce tick infection with tick-borne encephalitis virus nor protect mice against disease. Vaccine, 2013, 31, 1582-1589.	3.8	13
31	Expression of immunoregulatory genes and its relationship to lead exposure and leadâ€mediated oxidative stress in wild ungulates from an abandoned mining area. Environmental Toxicology and Chemistry, 2013, 32, 876-883.	4.3	13
32	Reciprocal Regulation of NF-kB (Relish) and Subolesin in the Tick Vector, Ixodes scapularis. PLoS ONE, 2013, 8, e65915.	2.5	45
33	Anaplasma phagocytophilum Inhibits Apoptosis and Promotes Cytoskeleton Rearrangement for Infection of Tick Cells. Infection and Immunity, 2013, 81, 2415-2425.	2.2	99
34	Tick vaccines and the control of tick-borne pathogens. Frontiers in Cellular and Infection Microbiology, 2013, 3, 30.	3.9	85
35	Vaccination with BM86, subolesin and akirin protective antigens for the control of tick infestations in white tailed deer and red deer. Vaccine, 2012, 30, 273-279.	3.8	68
36	Gene expression profile suggests that pigs (Sus scrofa) are susceptible to Anaplasma phagocytophilum but control infection. Parasites and Vectors, 2012, 5, 181.	2.5	35

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37	Molecular identification of <i>Cordylobia anthropophaga</i > Blanchard (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf State, Nigeria. Onderstepoort Journal of Veterinary Research, 2012, 79, E1-4.	1.2	11
38	No evidence that wild red deer (Cervus elaphus) on the Iberian Peninsula are a reservoir of Mycobacterium avium subspecies paratuberculosis infection. Veterinary Journal, 2012, 192, 544-546.	1.7	9
39	Paratuberculosis in European wild rabbits from the Iberian Peninsula. Research in Veterinary Science, 2011, 91, 212-218.	1.9	24
40	Targeting arthropod subolesin/akirin for the development of a universal vaccine for control of vector infestations and pathogen transmission. Veterinary Parasitology, 2011, 181, 17-22.	1.8	116
41	Mapping protective epitopes in the tick and mosquito subolesin ortholog proteins. Vaccine, 2010, 28, 5398-5406.	3.8	44
42	Characterization of Aedes albopictus akirin for the control of mosquito and sand fly infestations. Vaccine, 2010, 29, 77-82.	3.8	46
43	Expression of immunoregulatory genes in peripheral blood mononuclear cells of European wild boar immunized with BCG. Veterinary Microbiology, 2009, 134, 334-339.	1.9	26
44	Conservation and immunogenicity of the mosquito ortholog of the tick-protective antigen, subolesin. Parasitology Research, 2009, 105, 97-111.	1.6	62
45	Reduced major histocompatibility complex class II polymorphism in a hunterâ€managed isolated Iberian red deer population. Journal of Zoology, 2009, 277, 157-170.	1.7	13
46	Recent Advances in the Development of Immunoadhesins for Immune Therapy and as Anti-Infective Agents. Recent Patents on Anti-infective Drug Discovery, 2009, 4, 183-189.	0.8	7
47	Expression of recombinant Rhipicephalus (Boophilus) microplus, R. annulatus and R. decoloratus Bm86 orthologs as secreted proteins in Pichia pastoris. BMC Biotechnology, 2008, 8, 14.	3.3	37
48	Differential Expression of the Tick Protective Antigen Subolesin in Anaplasma marginaleâ€and A. phagocytophilumâ€infected Host Cells. Annals of the New York Academy of Sciences, 2008, 1149, 27-35.	3.8	30
49	Evidence of the role of tick subolesin in gene expression. BMC Genomics, 2008, 9, 372.	2.8	83
50	Molecular cloning and characterisation of a homologue of the alpha inhibitor of NF-Îºß in the griffon vulture (Gyps fulvus). Veterinary Immunology and Immunopathology, 2008, 122, 318-325.	1.2	6
51	Large-scale ELISA testing of Spanish red deer for paratuberculosis. Veterinary Immunology and Immunopathology, 2008, 124, 75-81.	1.2	44
52	Differential expression of inflammatory and immune response genes in mesenteric lymph nodes of Iberian red deer (Cervus elaphus hispanicus) naturally infected with Mycobacterium bovis. Developmental and Comparative Immunology, 2008, 32, 85-91.	2.3	27
53	Anaplasma marginale major surface protein 1a directs cell surface display of tick BM95 immunogenic peptides on Escherichia coli. Journal of Biotechnology, 2008, 135, 326-332.	3.8	16
54	Recent Developments in Oral Bait Vaccines for Wildlife. Recent Patents on Drug Delivery and Formulation, 2007, 1, 230-235.	2.1	15

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55	Prevalence of infection and 18S rRNA gene sequences of Cytauxzoon species in Iberian lynx (Lynx) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	53
56	Functional genomic studies of tick cells in response to infection with the cattle pathogen, Anaplasma marginale. Genomics, 2007, 90, 712-722.	2.9	95
57	Molecular cloning and characterisation of the griffon vulture (Gyps fulvus) toll-like receptor 1. Developmental and Comparative Immunology, 2007, 31, 511-519.	2.3	14
58	Association of CD80 and CD86 Expression Levels with Disease Status of Visna/Maedi Virus Infected Sheep. Viral Immunology, 2007, 20, 609-622.	1.3	21
59	A ten-year review of commercial vaccine performance for control of tick infestations on cattle. Animal Health Research Reviews, 2007, 8, 23-28.	3.1	323
60	Molecular cloning of multiple forms of the ovine B7-2 (CD86) costimulatory molecule. Veterinary Immunology and Immunopathology, 2006, 114, 149-158.	1.2	6
61	Molecular cloning and mRNA tissue-expression of two isoforms of the ovine costimulatory molecule CD80 (B7-1). Veterinary Immunology and Immunopathology, 2005, 103, 9-19.	1.2	7
62	Mucosal immunization of sheep with a Maedi-Visna virus (MVV) env DNA vaccine protects against early MVV productive infection. Vaccine, 2005, 23, 4342-4352.	3.8	30
63	Molecular cloning and structural analysis of the porcine homologue to CD97 antigen. Veterinary Immunology and Immunopathology, 2003, 93, 107-115.	1.2	4
64	Assignment of porcine CD97 gene to the 1/2q21â†'q22 region of the pig chromosome 2 with somatic cell hybrids. Cytogenetic and Genome Research, 2003, 103, 203H-203H.	1.1	0
65	Assignment of the CD47 gene to pig chromosome band 13q42â†'1/2q46 with somatic cell hybrids. Cytogenetic and Genome Research, 2002, 97, 276E-276E.	1.1	0
66	Molecular cloning and functional characterization of the pig homologue of integrin-associated protein (IAP/CD47). Immunology, 2002, 106, 564-576.	4.4	10
67	Expression of CD61 (Î²3integrin subunit) on canine cells. Platelets, 2001, 12, 69-73.	2.3	5
68	ROLE AND REGULATION OF PIG CD59 AND MEMBRANE COFACTOR PROTEIN/CD46 EXPRESSED ON PIG AORTIC ENDOTHELIAL CELLS1. Transplantation, 2000, 70, 667-673.	1.0	19
69	Pigs Express Multiple Forms of Decay-Accelerating Factor (CD55), All of Which Contain Only Three Short Consensus Repeats. Journal of Immunology, 2000, 165, 2563-2573.	0.8	42
70	Induction of aggregation in porcine lymphoid cells by antibodies to CD46. Veterinary Immunology and Immunopathology, 2000, 73, 73-81.	1.2	3
71	Assignment<footref rid="foot01">¹</footref> of MCP encoding the porcine membrane cofactor protein (MCP/CD46) to the long arm of pig chromosome 9 with somatic cell hybrids. Cytogenetic and Genome Research, 1999, 85, 242-243.	1.1	0
72	Epitope mapping of 10 monoclonal antibodies against the pig analogue of human membrane cofactor protein (MCP). Immunology, 1999, 96, 663-670.	4.4	15

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73	Distribution of membrane cofactor protein (MCP/CD46) on pig tissues. Relevance to xenotransplantation. Immunology, 1999, 98, 144-151.	4.4	22
74	A new epitope on sheep CD45R molecule detected by a monoclonal antibody. Comparative Immunology, Microbiology and Infectious Diseases, 1999, 22, 125-136.	1.6	4
75	Biological Effect of Helium-Neon (He-Ne) Laser Irradiation on Mouse Myeloma (Sp2-Ag14) Cell Line In Vitro. Lasers in Medical Science, 1998, 13, 214-218.	2.1	23
76	A monoclonal antibody raised against pig leukocytes and platelets recognizes fibrinogen from pig plasma. Platelets, 1998, 9, 303-308.	2.3	4
77	Characterization of the porcine homologue to human platelet glycoprotein IIbâ€IIIa (CD41/CD61) by a monoclonal antibody. Tissue Antigens, 1997, 49, 588-594.	1.0	24
78	Purification and characterization of the pig analogue of human membrane cofactor protein (CD46/MCP). Journal of Immunology, 1997, 158, 1703-9.	0.8	42
79	Ruminant cluster CD41/CD61. Veterinary Immunology and Immunopathology, 1996, 52, 251-253.	1.2	7
80	Ruminant cluster WC13. Veterinary Immunology and Immunopathology, 1996, 52, 259-260.	1.2	0
81	Platelet activation studies with CD41/61 monoclonal antibodies. Veterinary Immunology and Immunopathology, 1996, 52, 357-362.	1.2	17
82	Biochemical characterization of antigens detected with anti-platelet monoclonal antibodies. Veterinary Immunology and Immunopathology, 1996, 52, 363-370.	1.2	9
83	Two monoclonal antibodies from the platelet panel recognize sheep plasma fibrinogen. Veterinary Immunology and Immunopathology, 1996, 52, 371-375.	1.2	3
84	A Monoclonal Antibody to Ruminant Fibrinogen Produced through Immunization with Ovine Peripheral Blood Leukocytes. Hybridoma, 1996, 15, 87-90.	0.6	3
85	The Beta Chain of the GPIIb Molecule on Ruminant Leukocytes and Platelets Is Not Labelled by the Sulfo-NHS-Biotin Method. Vox Sanguinis, 1995, 69, 248-249.	1.5	5
86	A monoclonal antibody to an ovine gp130 molecule inhibits homotypic aggregation induced by anti-CD43 monoclonal antibodies of ruminant leukocytes. Immunology Letters, 1995, 45, 81-85.	2.5	5
87	Bioinformatics Discovery of Vertebrate Cathelicidins from the Mining of Available Genomes. , 0, , .		1