

JosÃ© Manuel PÃ©rez de la Lastra

List of Publications by Year in descending order

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87
papers

3,512
citations

196777

29
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169272

56
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2792
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#	ARTICLE	IF	CITATIONS
1	Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics. <i>Genes and Diseases</i> , 2023, 10, 1367-1401.	1.5	152
2	The Nitration of Proteins, Lipids and DNA by Peroxynitrite Derivatives-Chemistry Involved and Biological Relevance. <i>Stresses</i> , 2022, 2, 53-64.	1.8	27
3	Betelvine (<i>Piper betle</i> L.): A comprehensive insight into its ethnopharmacology, phytochemistry, and pharmacological, biomedical and therapeutic attributes. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3083-3119.	1.6	26
4	Nitration of Flavonoids and Tocopherols as Potential Modulators of Nitrosative Stress—A Study Based on Their Conformational Structures and Energy Content. <i>Stresses</i> , 2022, 2, 213-230.	1.8	5
5	Antimicrobial Resistance in the COVID-19 Landscape: Is There an Opportunity for Anti-Infective Antibodies and Antimicrobial Peptides?. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	15
6	Antimicrobial Activity of Cathelicidin-Derived Peptide from the Iberian Mole <i>Talpa occidentalis</i> . <i>Vaccines</i> , 2022, 10, 1105.	2.1	1
7	Cellular landscaping of cisplatin resistance in cervical cancer. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113345.	2.5	22
8	Impact of Zinc, Glutathione, and Polyphenols as Antioxidants in the Immune Response against SARS-CoV-2. <i>Processes</i> , 2021, 9, 506.	1.3	13
9	Bioinformatic Analysis of Genome-Predicted Bat Cathelicidins. <i>Molecules</i> , 2021, 26, 1811.	1.7	12
10	The Chemistry of Reactive Oxygen Species (ROS) Revisited: Outlining Their Role in Biological Macromolecules (DNA, Lipids and Proteins) and Induced Pathologies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4642.	1.8	716
11	Potential Therapeutic Targets and Vaccine Development for SARS-CoV-2/COVID-19 Pandemic Management: A Review on the Recent Update. <i>Frontiers in Immunology</i> , 2021, 12, 658519.	2.2	63
12	Theoretical Three-Dimensional Zinc Complexes with Glutathione, Amino Acids and Flavonoids. <i>Stresses</i> , 2021, 1, 123-141.	1.8	1
13	Antibodies targeting enzyme inhibition as potential tools for research and drug development. <i>Biomolecular Concepts</i> , 2021, 12, 215-232.	1.0	3
14	Can Immunization of Hens Provide Oral-Based Therapeutics against COVID-19?. <i>Vaccines</i> , 2020, 8, 486.	2.1	20
15	Are Vaccines the Solution for Methane Emissions from Ruminants? A Systematic Review. <i>Vaccines</i> , 2020, 8, 460.	2.1	18
16	The Road from Host-Defense Peptides to a New Generation of Antimicrobial Drugs. <i>Molecules</i> , 2018, 23, 311.	1.7	97
17	Antimicrobial Activity of Amino Acid Analogues and Their Derivatives. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0
18	The Search for New Antimicrobial Agents, by Site-Selective Peptide Modification. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	0

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19	Antimicrobial Peptides Derived from the Genome Mining of Animals Living in Pathogenic Environments. <i>Proceedings (mdpi)</i> , 2017, 1, .	0.2	1
20	Prospects for vaccination against the ticks of pets and the potential impact on pathogen transmission. <i>Veterinary Parasitology</i> , 2015, 208, 26-29.	0.7	19
21	Bacterial membranes enhance the immunogenicity and protective capacity of the surface exposed tick Subolesin-Anaplasma marginale MSP1a chimeric antigen. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 820-828.	1.1	9
22	Oral Vaccination with Heat Inactivated Mycobacterium bovis Activates the Complement System to Protect against Tuberculosis. <i>PLoS ONE</i> , 2014, 9, e98048.	1.1	52
23	Tonsils of the Soft Palate Do Not Mediate the Response of Pigs to Oral Vaccination with Heat-Inactivated Mycobacterium bovis. <i>Vaccine Journal</i> , 2014, 21, 1128-1136.	3.2	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. <i>Parasites and Vectors</i> , 2014, 7, 42.	1.0	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. <i>Parasites and Vectors</i> , 2014, 7, 10.	1.0	36
26	Subolesin/Akirin Vaccines for the Control of Arthropod Vectors and Vectorborne Pathogens. <i>Transboundary and Emerging Diseases</i> , 2013, 60, 172-178.	1.3	56
27	Wildlife and paratuberculosis: A review. <i>Research in Veterinary Science</i> , 2013, 94, 191-197.	0.9	55
28	Control of multiple arthropod vector infestations with subolesin/akirin vaccines. <i>Vaccine</i> , 2013, 31, 1187-1196.	1.7	77
29	Vaccination with proteins involved in tick-pathogen interactions reduces vector infestations and pathogen infection. <i>Vaccine</i> , 2013, 31, 5889-5896.	1.7	94
30	Immunization with recombinant subolesin does not reduce tick infection with tick-borne encephalitis virus nor protect mice against disease. <i>Vaccine</i> , 2013, 31, 1582-1589.	1.7	13
31	Expression of immunoregulatory genes and its relationship to lead exposure and lead-mediated oxidative stress in wild ungulates from an abandoned mining area. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 876-883.	2.2	13
32	Reciprocal Regulation of NF- κ B (Relish) and Subolesin in the Tick Vector, <i>Ixodes scapularis</i> . <i>PLoS ONE</i> , 2013, 8, e65915.	1.1	45
33	Anaplasma phagocytophilum Inhibits Apoptosis and Promotes Cytoskeleton Rearrangement for Infection of Tick Cells. <i>Infection and Immunity</i> , 2013, 81, 2415-2425.	1.0	99
34	Tick vaccines and the control of tick-borne pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 30.	1.8	85
35	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, 273-279.	1.7	68
36	Gene expression profile suggests that pigs (<i>Sus scrofa</i>) are susceptible to <i>Anaplasma phagocytophilum</i> but control infection. <i>Parasites and Vectors</i> , 2012, 5, 181.	1.0	35

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37	Molecular identification of <i>Cordylobia anthropophaga</i> Blanchard (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 ff State, Nigeria. Onderstepoort Journal of Veterinary Research, 2012, 79, E1-4.	0.6	11
38	No evidence that wild red deer (<i>Cervus elaphus</i>) on the Iberian Peninsula are a reservoir of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection. <i>Veterinary Journal</i> , 2012, 192, 544-546.	0.6	9
39	Paratuberculosis in European wild rabbits from the Iberian Peninsula. <i>Research in Veterinary Science</i> , 2011, 91, 212-218.	0.9	24
40	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.	0.7	116
41	Mapping protective epitopes in the tick and mosquito subolesin ortholog proteins. <i>Vaccine</i> , 2010, 28, 5398-5406.	1.7	44
42	Characterization of <i>Aedes albopictus</i> akirin for the control of mosquito and sand fly infestations. <i>Vaccine</i> , 2010, 29, 77-82.	1.7	46
43	Expression of immunoregulatory genes in peripheral blood mononuclear cells of European wild boar immunized with BCG. <i>Veterinary Microbiology</i> , 2009, 134, 334-339.	0.8	26
44	Conservation and immunogenicity of the mosquito ortholog of the tick-protective antigen, subolesin. <i>Parasitology Research</i> , 2009, 105, 97-111.	0.6	62
45	Reduced major histocompatibility complex class II polymorphism in a hunter-managed isolated Iberian red deer population. <i>Journal of Zoology</i> , 2009, 277, 157-170.	0.8	13
46	Recent Advances in the Development of Immunoadhesins for Immune Therapy and as Anti-Infective Agents. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2009, 4, 183-189.	0.5	7
47	Expression of recombinant <i>Rhipicephalus (Boophilus) microplus</i> , <i>R. annulatus</i> and <i>R. decoloratus</i> Bm86 orthologs as secreted proteins in <i>Pichia pastoris</i> . <i>BMC Biotechnology</i> , 2008, 8, 14.	1.7	37
48	Differential Expression of the Tick Protective Antigen Subolesin in <i>Anaplasma marginale</i> and <i>A. phagocytophilum</i> infected Host Cells. <i>Annals of the New York Academy of Sciences</i> , 2008, 1149, 27-35.	1.8	30
49	Evidence of the role of tick subolesin in gene expression. <i>BMC Genomics</i> , 2008, 9, 372.	1.2	83
50	Molecular cloning and characterisation of a homologue of the alpha inhibitor of NF- κ B in the griffon vulture (<i>Gyps fulvus</i>). <i>Veterinary Immunology and Immunopathology</i> , 2008, 122, 318-325.	0.5	6
51	Large-scale ELISA testing of Spanish red deer for paratuberculosis. <i>Veterinary Immunology and Immunopathology</i> , 2008, 124, 75-81.	0.5	44
52	Differential expression of inflammatory and immune response genes in mesenteric lymph nodes of Iberian red deer (<i>Cervus elaphus hispanicus</i>) naturally infected with <i>Mycobacterium bovis</i> . <i>Developmental and Comparative Immunology</i> , 2008, 32, 85-91.	1.0	27
53	<i>Anaplasma marginale</i> major surface protein 1a directs cell surface display of tick BM95 immunogenic peptides on <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2008, 135, 326-332.	1.9	16
54	Recent Developments in Oral Bait Vaccines for Wildlife. <i>Recent Patents on Drug Delivery and Formulation</i> , 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	0.7	53
56	Functional genomic studies of tick cells in response to infection with the cattle pathogen, Anaplasma marginale. Genomics, 2007, 90, 712-722.	1.3	95
57	Molecular cloning and characterisation of the griffon vulture (Gyps fulvus) toll-like receptor 1. Developmental and Comparative Immunology, 2007, 31, 511-519.	1.0	14
58	Association of CD80 and CD86 Expression Levels with Disease Status of Visna/Maedi Virus Infected Sheep. Viral Immunology, 2007, 20, 609-622.	0.6	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.	1.4	323
60	Molecular cloning of multiple forms of the ovine B7-2 (CD86) costimulatory molecule. Veterinary Immunology and Immunopathology, 2006, 114, 149-158.	0.5	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.	0.5	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.	1.7	30
63	Molecular cloning and structural analysis of the porcine homologue to CD97 antigen. Veterinary Immunology and Immunopathology, 2003, 93, 107-115.	0.5	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.	0.6	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.	0.6	0
66	Molecular cloning and functional characterization of the pig homologue of integrin-associated protein (IAP/CD47). Immunology, 2002, 106, 564-576.	2.0	10
67	Expression of CD61 (Î²3 integrin subunit) on canine cells. Platelets, 2001, 12, 69-73.	1.1	5
68	ROLE AND REGULATION OF PIG CD59 AND MEMBRANE COFACTOR PROTEIN/CD46 EXPRESSED ON PIG AORTIC ENDOTHELIAL CELLS1. Transplantation, 2000, 70, 667-673.	0.5	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.	0.4	42
70	Induction of aggregation in porcine lymphoid cells by antibodies to CD46. Veterinary Immunology and Immunopathology, 2000, 73, 73-81.	0.5	3
71	Assignment 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.	0.6	0
72	Epitope mapping of 10 monoclonal antibodies against the pig analogue of human membrane cofactor protein (MCP). Immunology, 1999, 96, 663-670.	2.0	15

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73	Distribution of membrane cofactor protein (MCP/CD46) on pig tissues. Relevance to xenotransplantation. <i>Immunology</i> , 1999, 98, 144-151.	2.0	22
74	A new epitope on sheep CD45R molecule detected by a monoclonal antibody. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1999, 22, 125-136.	0.7	4
75	Biological Effect of Helium-Neon (He-Ne) Laser Irradiation on Mouse Myeloma (Sp2-Ag14) Cell Line In Vitro. <i>Lasers in Medical Science</i> , 1998, 13, 214-218.	1.0	23
76	A monoclonal antibody raised against pig leukocytes and platelets recognizes fibrinogen from pig plasma. <i>Platelets</i> , 1998, 9, 303-308.	1.1	4
77	Characterization of the porcine homologue to human platelet glycoprotein IIb/IIIa (CD41/CD61) by a monoclonal antibody. <i>Tissue Antigens</i> , 1997, 49, 588-594.	1.0	24
78	Purification and characterization of the pig analogue of human membrane cofactor protein (CD46/MCP). <i>Journal of Immunology</i> , 1997, 158, 1703-9.	0.4	42
79	Ruminant cluster CD41/CD61. <i>Veterinary Immunology and Immunopathology</i> , 1996, 52, 251-253.	0.5	7
80	Ruminant cluster WC13. <i>Veterinary Immunology and Immunopathology</i> , 1996, 52, 259-260.	0.5	0
81	Platelet activation studies with CD41/61 monoclonal antibodies. <i>Veterinary Immunology and Immunopathology</i> , 1996, 52, 357-362.	0.5	17
82	Biochemical characterization of antigens detected with anti-platelet monoclonal antibodies. <i>Veterinary Immunology and Immunopathology</i> , 1996, 52, 363-370.	0.5	9
83	Two monoclonal antibodies from the platelet panel recognize sheep plasma fibrinogen. <i>Veterinary Immunology and Immunopathology</i> , 1996, 52, 371-375.	0.5	3
84	A Monoclonal Antibody to Ruminant Fibrinogen Produced through Immunization with Ovine Peripheral Blood Leukocytes. <i>Hybridoma</i> , 1996, 15, 87-90.	0.9	3
85	The Beta Chain of the GPIIb Molecule on Ruminant Leukocytes and Platelets Is Not Labelled by the Sulfo-NHS-Biotin Method. <i>Vox Sanguinis</i> , 1995, 69, 248-249.	0.7	5
86	A monoclonal antibody to an ovine gp130 molecule inhibits homotypic aggregation induced by anti-CD43 monoclonal antibodies of ruminant leukocytes. <i>Immunology Letters</i> , 1995, 45, 81-85.	1.1	5
87	Bioinformatics Discovery of Vertebrate Cathelicidins from the Mining of Available Genomes. , 0, , .		1