

Inmaculada Luque

List of Publications by Year in descending order

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100
papers

3,135
citations

172207

29
h-index

168136

53
g-index

103
all docs

103
docs citations

103
times ranked

3373
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Multilocus Sequence Typing Scheme for the Pig Pathogen <i>Streptococcus suis</i> : Identification of Virulent Clones and Potential Capsular Serotype Exchange. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3671-3680.	1.8	236
2	Molecular mechanism for the operation of nitrogen control in cyanobacteria.. <i>EMBO Journal</i> , 1994, 13, 2862-2869.	3.5	198
3	In vitro T-cell responses to beta-lactam drugs in immediate and nonimmediate allergic reactions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2001, 56, 611-618.	2.7	163
4	Rel/NF- κ B and I κ B factors in oncogenesis. <i>Seminars in Cancer Biology</i> , 1997, 8, 103-111.	4.3	143
5	Structure-Based Thermodynamic Scale of α -Helix Propensities in Amino Acids. <i>Biochemistry</i> , 1996, 35, 13681-13688.	1.2	122
6	Thermodynamic Basis of Resistance to HIV-1 Protease Inhibition:Â Calorimetric Analysis of the V82F/I84V Active Site Resistant Mutantâ€. <i>Biochemistry</i> , 2000, 39, 11876-11883.	1.2	118
7	[6] Structure-based prediction of binding affinities and molecular design of peptide ligands. <i>Methods in Enzymology</i> , 1998, 295, 100-127.	0.4	94
8	Thermodynamic dissection of the binding energetics of KNIâ€272, a potent HIVâ€1 protease inhibitor. <i>Protein Science</i> , 2000, 9, 1801-1809.	3.1	90
9	Molecular Basis of Resistance to HIV-1 Protease Inhibition:Â A Plausible Hypothesisâ€. <i>Biochemistry</i> , 1998, 37, 5791-5797.	1.2	82
10	Analysis of Genetic Diversity of <i>Streptococcus suis</i> Clinical Isolates from Pigs in Spain by Pulsed-Field Gel Electrophoresis. <i>Journal of Clinical Microbiology</i> , 2003, 41, 2498-2502.	1.8	82
11	Role of endogenous sulphydryls and neutrophil infiltration in the pathogenesis of gastric mucosal injury induced by piroxicam in rats. <i>Inflammation Research</i> , 1996, 45, 83-88.	1.6	78
12	Characterization of the Response to Zinc Deficiency in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Journal of Bacteriology</i> , 2012, 194, 2426-2436.	1.0	77
13	Structure-Based Thermodynamic Analysis of HIV-1 Protease Inhibitors. <i>Biochemistry</i> , 1997, 36, 6588-6596.	1.2	76
14	Molecular mechanism for the operation of nitrogen control in cyanobacteria.. <i>EMBO Journal</i> , 1994, 13, 5794-5794.	3.5	72
15	<i>Prochlorococcus</i> can use the Pro1404 transporter to take up glucose at nanomolar concentrations in the Atlantic Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8597-8602.	3.3	72
16	Distribution and Genetic Diversity of Sullysin in <i>Streptococcus suis</i> Isolated from Different Diseases of Pigs and Characterization of the Genetic Basis of Sullysin Absence. <i>Infection and Immunity</i> , 2001, 69, 7572-7582.	1.0	68
17	Structural stability of binding sites: consequences for binding affinity and allosteric effects. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, Suppl 4, 63-71.	1.5	63
18	Convergence of two global transcriptional regulators on nitrogen induction of the stress-acclimation gene <i>nblA</i> in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>Molecular Microbiology</i> , 2002, 41, 937-947.	1.2	61

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19	Dust effects on PV array performance: in-field observations with non-uniform patterns. <i>Progress in Photovoltaics: Research and Applications</i> , 2014, 22, 666-670.	4.4	58
20	Threonine 80 on HLA-B27 confers protection against lysis by a group of natural killer clones. <i>European Journal of Immunology</i> , 1996, 26, 1974-1977.	1.6	56
21	Risk factors associated with the antimicrobial resistance of staphylococci in canine pyoderma. <i>Veterinary Microbiology</i> , 2011, 150, 302-308.	0.8	51
22	Epidemiological Relationship of Human and Swine <i>Streptococcus suis</i> Isolates. <i>Zoonoses and Public Health</i> , 2001, 48, 347-355.	1.4	40
23	Overcoming function annotation errors in the Gram-positive pathogen <i>Streptococcus suis</i> by a proteomics-driven approach. <i>BMC Genomics</i> , 2008, 9, 588.	1.2	40
24	Salmonella prevalence and characterization in a free-range pig processing plant: Tracking in trucks, lairage, slaughter line and quartering. <i>International Journal of Food Microbiology</i> , 2013, 162, 48-54.	2.1	39
25	Diploid Expression of Human Leukocyte Antigen Class I and Class II Molecules on Spermatozoa and their Cyclic Inverse Correlation with Inhibin Concentration1. <i>Biology of Reproduction</i> , 1996, 55, 620-629.	1.2	38
26	Identification of <i>Streptococcus suis</i> isolated from swine: proposal for biochemical parameters. <i>Journal of Clinical Microbiology</i> , 1994, 32, 578-580.	1.8	38
27	Expression of the CD80 and CD86 molecules enhances cytotoxicity by human natural killer cells. <i>Human Immunology</i> , 2000, 61, 721-728.	1.2	34
28	Influence of recovery method and microbial contamination on the response to freezing-thawing in ibex (<i>Capra pyrenaica</i>) epididymal spermatozoa. <i>Cryobiology</i> , 2009, 59, 357-362.	0.3	31
29	Exploring the pan-surform of <i>Streptococcus suis</i> : Looking for common protein antigens. <i>Journal of Proteomics</i> , 2012, 75, 5654-5666.	1.2	31
30	Serological Survey for Avian Paramyxoviruses from Wildfowl in Aquatic Habitats in Andalusia. <i>Journal of Wildlife Diseases</i> , 1995, 31, 66-69.	0.3	28
31	The Transmembrane Sequence of Human Histocompatibility Leukocyte Antigen (HLA)-C as a Determinant in Inhibition of a Subset of Natural Killer Cells. <i>Journal of Experimental Medicine</i> , 1999, 189, 1265-1274.	4.2	28
32	Endozoochorous dispersal of aquatic plants: does seed gut passage affect plant performance?. <i>American Journal of Botany</i> , 2005, 92, 696-699.	0.8	28
33	A surface protein of <i>Streptococcus suis</i> serotype 2 identified by proteomics protects mice against infection. <i>Journal of Proteomics</i> , 2010, 73, 2365-2369.	1.2	28
34	Distinct Domains of I κ B ζ Regulate c-Rel in the Cytoplasm and in the Nucleus. <i>Molecular and Cellular Biology</i> , 1998, 18, 1213-1224.	1.1	25
35	Genetic and virulence-phenotype characterization of serotypes 2 and 9 of <i>Streptococcus suis</i> swine isolates. <i>International Microbiology</i> , 2009, 12, 161-6.	1.1	24
36	Equine pulmonary mycosis due to <i>Aspergillus niger</i> and <i>Rhizopus stolonifer</i> . <i>Journal of Comparative Pathology</i> , 1997, 117, 191-199.	0.1	23

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37	Intraphylum Diversity and Complex Evolution of Cyanobacterial Aminoacyl-tRNA Synthetases. <i>Molecular Biology and Evolution</i> , 2008, 25, 2369-2389.	3.5	23
38	Cellular redox status influences both cytotoxic and NF-kappaB activation in natural killer cells. <i>Immunology</i> , 1997, 90, 455-460.	2.0	22
39	Salmonella Indiana as a cause of abortion in ewes: Genetic diversity and resistance patterns. <i>Veterinary Microbiology</i> , 2009, 134, 396-399.	0.8	22
40	Multi-Etiological Nature of Tuberculosis-Like Lesions in Condemned Pigs at the Slaughterhouse. <i>PLoS ONE</i> , 2015, 10, e0139130.	1.1	22
41	Prevalence of antibodies to avian paramyxoviruses 1, 2 and 3 in wild and domestic birds in southern Spain. <i>Avian Pathology</i> , 1994, 23, 145-152.	0.8	21
42	Evaluation of five serologic assays for bovine tuberculosis surveillance in domestic free-range pigs from southern Spain. <i>Preventive Veterinary Medicine</i> , 2017, 137, 101-104.	0.7	21
43	<i>Streptococcus suis</i> serotypes associated with different disease conditions in pigs. <i>Veterinary Record</i> , 1998, 142, 726-727.	0.2	20
44	Antimicrobial activity of selected essential oils against <i>Streptococcus suis</i> isolated from pigs. <i>MicrobiologyOpen</i> , 2018, 7, e00613.	1.2	20
45	The presence of muramidase released protein and extracellular factor protein in various serotypes of <i>Streptococcus suis</i> isolated from diseased and healthy pigs in Spain. <i>Research in Veterinary Science</i> , 1999, 66, 69-72.	0.9	19
46	Septicaemic pasteurellosis in free-range pigs associated with an unusual biovar 13 of <i>Pasteurella multocida</i> . <i>Veterinary Microbiology</i> , 2013, 167, 690-694.	0.8	19
47	Genetic analysis of <i>Streptococcus suis</i> isolates recovered from diseased and healthy carrier pigs at different stages of production on a pig farm. <i>Veterinary Journal</i> , 2010, 186, 396-398.	0.6	18
48	Evaluation of rapid methods for diagnosis of tuberculosis in slaughtered free-range pigs. <i>Veterinary Journal</i> , 2015, 204, 232-234.	0.6	18
49	Prevalence and diversity of <i>Salmonella</i> spp., <i>Campylobacter</i> spp., and <i>Listeria monocytogenes</i> in two free-range pig slaughterhouses. <i>Food Control</i> , 2018, 92, 208-215.	2.8	18
50	Antimicrobial susceptibility and genetic characterization of <i>Trueperella pyogenes</i> isolates from pigs reared under intensive and extensive farming practices. <i>Veterinary Microbiology</i> , 2019, 232, 89-95.	0.8	18
51	Definition of polymorphic residues on killer Ig-like receptor proteins which contribute to the HLA-C binding site. <i>European Journal of Immunology</i> , 2000, 30, 1480-1485.	1.6	17
52	Distribution of serotypes of <i>Streptococcus suis</i> isolated from diseased pigs in Spain. <i>Veterinary Record</i> , 2004, 154, 665-666.	0.2	17
53	Survival of selected foodborne pathogens on dry cured pork loins. <i>International Journal of Food Microbiology</i> , 2017, 258, 68-72.	2.1	17
54	Antimicrobial susceptibility of <i>Trueperella pyogenes</i> isolated from food-producing ruminants. <i>Veterinary Microbiology</i> , 2020, 242, 108593.	0.8	17

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55	A serological Survey of <i>Brucella</i> spp., <i>Salmonella</i> spp., <i>Toxoplasma gondii</i> and <i>Trichinella</i> spp. in Iberian Fattening Pigs Reared in Free-Range Systems. <i>Transboundary and Emerging Diseases</i> , 2014, 61, 477-481.	1.3	16
56	Characterization of the immune response and evaluation of the protective capacity of rSsnA against <i>Streptococcus suis</i> infection in pigs. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 47, 52-59.	0.7	16
57	Regulation of Internal Promoters in a Zinc-Responsive Operon Is Influenced by Transcription from Upstream Promoters. <i>Journal of Bacteriology</i> , 2013, 195, 1285-1293.	1.0	13
58	Molecular Typing and Anti-microbial Susceptibility of Clinical Isolates of <i>Streptococcus equi</i> ssp. <i>zooepidemicus</i> from Equine Bacterial Endometritis. <i>Zoonoses and Public Health</i> , 2006, 53, 451-454.	1.4	12
59	A new recombinant SsnA protein combined with aluminum hydroxide protects mouse against <i>Streptococcus suis</i> . <i>Vaccine</i> , 2014, 32, 6992-6999.	1.7	12
60	Paratuberculosis in dairy goat flocks from southern Spain: risk factors associated with seroprevalence. <i>Veterinary Record</i> , 2019, 185, 600-600.	0.2	11
61	Real-Time PCR Validation for <i>Mycobacterium tuberculosis</i> Complex Detection Targeting IS6110 Directly From Bovine Lymph Nodes. <i>Frontiers in Veterinary Science</i> , 2021, 8, 643111.	0.9	11
62	Suilysin production by <i>Streptococcus suis</i> strains isolated from diseased and healthy carrier pigs in Spain. <i>Veterinary Record</i> , 2001, 148, 183-184.	0.2	10
63	Seroprevalence and risk factors of exposure to caprine arthritis-encephalitis virus in southern Spain. <i>Veterinary Record</i> , 2017, 180, 226-226.	0.2	10
64	Malignant schwannoma in a red deer (<i>Cervus elaphus</i>). <i>Veterinary Record</i> , 1998, 143, 585-587.	0.2	9
65	N-terminal determinants of I β necessary for the cytoplasmic regulation of c-Rel. <i>Oncogene</i> , 2000, 19, 1239-1244.	2.6	9
66	Essential Oils in the Control of Infections by <i>Staphylococcus xylosus</i> in Horses. <i>Journal of Equine Veterinary Science</i> , 2016, 38, 19-23.	0.4	9
67	<i>Nocardia otitidiscaviarum</i> infection in a cat. <i>Veterinary Record</i> , 2002, 151, 488.	0.2	9
68	Autonomous video-on-demand system for heterogeneous quality levels to achieve high assurance. , 0, , .		8
69	Outbreak of Septicaemic Colibacillosis in Japanese Quail (<i>Coturnix coturnix japonica</i>). <i>Zoonoses and Public Health</i> , 1999, 46, 399-404.	1.4	7
70	Drug development: assessment of pharmacogenetic studies by Spanish research ethics committees. <i>Pharmacogenomics Journal</i> , 2009, 9, 86-89.	0.9	7
71	Survival of <i>Streptococcus suis</i> , <i>Streptococcus dysgalactiae</i> and <i>Trueperella pyogenes</i> in dry-cured Iberian pork shoulders and loins. <i>Food Microbiology</i> , 2017, 61, 66-71.	2.1	7
72	Comparative immunosecretome analysis of prevalent <i>Streptococcus suis</i> serotypes. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2018, 57, 55-61.	0.7	7

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73	Search of Potential Vaccine Candidates against <i>Trueperella pyogenes</i> Infections through Proteomic and Bioinformatic Analysis. <i>Vaccines</i> , 2020, 8, 314.	2.1	6
74	Prevalence of Antibodies to Different <i>Leptospira interrogans</i> Serovars in Pigs on Large Farms. <i>Zoonoses and Public Health</i> , 1994, 41, 512-516.	1.4	5
75	Preferential Expression of the Skin "Homing Receptor CLA in Peripheral T Lymphocytes from Patients with Drug "Allergic Reactions. <i>International Archives of Allergy and Immunology</i> , 1999, 118, 355-357.	0.9	5
76	Interaction between Sun tracking deviations and inverter MPP strategy in concentrators connected to grid. , 0, , .		5
77	Reduced Susceptibility of <i>Salmonella</i> Typhimurium Strains to Oregano Essential Oil and Enrofloxacin: An <i>In Vitro</i> Assay. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 29-34.	0.8	5
78	Histopathological and microbiological study of porcine lymphadenitis: contributions to diagnosis and control of the disease. <i>Porcine Health Management</i> , 2020, 6, 36.	0.9	5
79	Antimicrobial susceptibility of cinnamon and red and common thyme essential oils and their main constituent compounds against <i>Streptococcus suis</i> . <i>Letters in Applied Microbiology</i> , 2022, 74, 63-72.	1.0	5
80	Outbreak of aspergillosis in a flock of adult ostriches (<i>Struthio camelus</i>). <i>Veterinary Record</i> , 2003, 153, 124-125.	0.2	4
81	Structure-based thermodynamic design of peptide ligands: application to peptide inhibitors of the aspartic protease endothiapepsin. <i>Proteins: Structure, Function and Bioinformatics</i> , 1998, 30, 74-85.	1.5	4
82	The Role of Histopathology as a Complementary Diagnostic Tool in the Monitoring of Bovine Tuberculosis. <i>Frontiers in Veterinary Science</i> , 2022, 9, .	0.9	4
83	Autonomous network-based information services integration for high response in multi-agent information service systems. , 0, , .		3
84	Seroprevalence against selected pathogens involved in porcine respiratory disease complex in free-range fattening pigs in Spain. <i>Veterinary Record</i> , 2015, 177, 466-466.	0.2	3
85	Antimicrobial Resistance and Distribution of <i>Staphylococcus</i> spp. Pulsotypes Isolated from Goat and Sheep Bulk Tank Milk in Southern Spain. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 723-730.	0.8	3
86	Mediastinal Plasma Cell Tumor in a Sheep. <i>Veterinary Pathology</i> , 2000, 37, 479-482.	0.8	2
87	Pneumonic Pasteurellosis Associated with <i>Pasteurella haemolytica</i> in Chipmunks (<i>Tamias sibiricus</i>). <i>Zoonoses and Public Health</i> , 1996, 43, 59-62.	1.4	1
88	Effectiveness of Doxycycline in the Prevention of an Experimental Infection with <i>Actinobacillus pleuropneumoniae</i> in Pigs. <i>Zoonoses and Public Health</i> , 2000, 47, 445-451.	1.4	1
89	Decentralized workload management for assurance according to heterogeneous service levels. , 0, , .		1
90	Autonomous node reallocation for achieving load balance under changing users' preference. , 0, , .		1

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91	Liposomal formulation of Gp41 derivate with adjuvant MPLA: vaccine design, immunogenicity in animals and safety in humans. <i>Retrovirology</i> , 2012, 9, .	0.9	1
92	Supplementing feed with <i>Pediococcus acidilactici</i> reduces <i>Campylobacter</i> load in finishing pigs. <i>Veterinary Record</i> , 2020, 187, e45.	0.2	1
93	Recognition of threonine 80 on hLA-B27 subtypes by NK clones. <i>Human Immunology</i> , 1996, 47, 70.	1.2	0
94	Agent-based autonomous information services integration and allocation to achieve high response and low cost in distributed information service system. , 0, , .		0
95	Autonomous rating oriented agent allocation to achieve high response in demand-oriented information service system. , 0, , .		0
96	Autonomous decentralized service level management for real-time assurance. , 0, , .		0
97	Eficacia de las medidas de bioseguridad en el control de microorganismos asociados a endometritis porcinas: Estudio preliminar. <i>Archivos De Medicina Veterinaria</i> , 2011, 43, 191-197.	0.2	0
98	Isolation of <i>Salmonella</i> spp. in pigs during transport, lairage, slaughterline and quartering. , 0, , .		0
99	Combination of essential oils and antibiotics against <i>Streptococcus suis</i> : a preliminary study. , 0, , .		0
100	Antimicrobial resistance profile of <i>Trueperella pyogenes</i> associated with slaughterhouse condemnations of pigs in Spain. , 0, , .		0