

Javier Ortego

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,930
citations

201385

27
h-index

174990

52
g-index

79
all docs

79
docs citations

79
times ranked

3018
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysosomes Behave as Ca ²⁺ -regulated Exocytic Vesicles in Fibroblasts and Epithelial Cells. <i>Journal of Cell Biology</i> , 1997, 137, 93-104.	2.3	476
2	Construction of a Severe Acute Respiratory Syndrome Coronavirus Infectious cDNA Clone and a Replicon To Study Coronavirus RNA Synthesis. <i>Journal of Virology</i> , 2006, 80, 10900-10906.	1.5	198
3	The Membrane M Protein Carboxy Terminus Binds to Transmissible Gastroenteritis Coronavirus Core and Contributes to Core Stability. <i>Journal of Virology</i> , 2001, 75, 1312-1324.	1.5	162
4	Generation of a Replication-Competent, Propagation-Deficient Virus Vector Based on the Transmissible Gastroenteritis Coronavirus Genome. <i>Journal of Virology</i> , 2002, 76, 11518-11529.	1.5	145
5	Cloning and characterization of subtracted cDNAs from a human ciliary body library encoding TIGR, a protein involved in juvenile open angle glaucoma with homology to myosin and olfactomedin. <i>FEBS Letters</i> , 1997, 413, 349-353.	1.3	139
6	Absence of E protein arrests transmissible gastroenteritis coronavirus maturation in the secretory pathway. <i>Virology</i> , 2007, 368, 296-308.	1.1	121
7	Transmissible gastroenteritis coronavirus gene 7 is not essential but influences in vivo virus replication and virulence. <i>Virology</i> , 2003, 308, 13-22.	1.1	97
8	Establishment of a Bluetongue Virus Infection Model in Mice that Are Deficient in the Alpha/Beta Interferon Receptor. <i>PLoS ONE</i> , 2009, 4, e5171.	1.1	76
9	Differential gene expression in the human ciliary epithelium. <i>Progress in Retinal and Eye Research</i> , 1999, 18, 403-429.	7.3	68
10	Organization of Two Transmissible Gastroenteritis Coronavirus Membrane Protein Topologies within the Virion and Core. <i>Journal of Virology</i> , 2001, 75, 12228-12240.	1.5	68
11	Current strategies for subunit and genetic viral veterinary vaccine development. <i>Virus Research</i> , 2011, 157, 1-12.	1.1	63
12	Isolation and Characterization of Cell-Specific cDNA Clones from a Subtractive Library of the Ocular Ciliary Body of a Single Normal Human Donor: Transcription and Synthesis of Plasma Proteins. <i>Journal of Biochemistry</i> , 1995, 118, 921-931.	0.9	61
13	Antigen delivery systems for veterinary vaccine development. <i>Vaccine</i> , 2008, 26, 6508-6528.	1.7	60
14	Heterologous prime boost vaccination with DNA and recombinant modified vaccinia virus Ankara protects IFNAR ^{Δ¹/Δ²} mice against lethal bluetongue infection. <i>Vaccine</i> , 2009, 28, 437-445.	1.7	59
15	A Modified Vaccinia Ankara Virus (MVA) Vaccine Expressing African Horse Sickness Virus (AHSV) VP2 Protects Against AHSV Challenge in an IFNAR ^{Δ¹/Δ²} Mouse Model. <i>PLoS ONE</i> , 2011, 6, e16503.	1.1	53
16	Renin-angiotensin system expression and secretory function in cultured human ciliary body non-pigmented epithelium. <i>British Journal of Ophthalmology</i> , 2002, 86, 676-683.	2.1	52
17	Immunization of knock-out IFN ^{Δ¹/Δ²} interferon receptor mice against lethal bluetongue infection with a BoHV-4-based vector expressing BTV-8 VP2 antigen. <i>Vaccine</i> , 2011, 29, 3074-3082.	1.7	47
18	Multiserotype Protection Elicited by a Combinatorial Prime-Boost Vaccination Strategy against Bluetongue Virus. <i>PLoS ONE</i> , 2012, 7, e34735.	1.1	47

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19	Measles Virus Fusion Protein Is Palmitoylated on Transmembrane-Intracytoplasmic Cysteine Residues Which Participate in Cell Fusion. <i>Journal of Virology</i> , 1998, 72, 8198-8204.	1.5	46
20	A Vaccine Based on a Modified Vaccinia Virus Ankara Vector Expressing Zika Virus Structural Proteins Controls Zika Virus Replication in Mice. <i>Scientific Reports</i> , 2018, 8, 17385.	1.6	43
21	Protection of IFNAR ($\hat{\sim}/\hat{\sim}$) Mice against Bluetongue Virus Serotype 8, by Heterologous (DNA/rMVA) and Homologous (rMVA/rMVA) Vaccination, Expressing Outer-Capsid Protein VP2. <i>PLoS ONE</i> , 2013, 8, e60574.	1.1	42
22	Expression of the TIGR gene in the iris, ciliary body, and trabecular meshwork of the human eye. <i>Ophthalmic Genetics</i> , 2000, 21, 155-169.	0.5	41
23	Coronavirus derived expression systems. <i>Journal of Biotechnology</i> , 2001, 88, 183-204.	1.9	40
24	Recombinant vaccines against bluetongue virus. <i>Virus Research</i> , 2014, 182, 78-86.	1.1	38
25	Functional Expression of Components of the Natriuretic Peptide System in Human Ocular Nonpigmented Ciliary Epithelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 258, 21-28.	1.0	32
26	Identification of a Neuropeptide and Neuropeptide-Processing Enzymes in Aqueous Humor Confers Neuroendocrine Features to the Human Ocular Ciliary Epithelium. <i>Journal of Neurochemistry</i> , 2002, 66, 787-796.	2.1	29
27	Molecular Characterization and Differential Gene Induction of the Neuroendocrine-Specific Genes Neurotensin, Neurotensin Receptor, PC1, PC2, and 7B2 in the Human Ocular Ciliary Epithelium. <i>Journal of Neurochemistry</i> , 1997, 69, 1829-1839.	2.1	27
28	VP2, VP7, and NS1 proteins of bluetongue virus targeted in avian reovirus muNS-Mi microspheres elicit a protective immune response in IFNAR($\hat{\sim}/\hat{\sim}$) mice. <i>Antiviral Research</i> , 2014, 110, 42-51.	1.9	27
29	Gene Expression of Proteases and Protease Inhibitors in the Human Ciliary Epithelium and ODM-2 Cells. <i>Experimental Eye Research</i> , 1997, 65, 289-299.	1.2	26
30	Vaccination of mice with a modified Vaccinia Ankara (MVA) virus expressing the African horse sickness virus (AHSV) capsid protein VP2 induces virus neutralising antibodies that confer protection against AHSV upon passive immunisation. <i>Virus Research</i> , 2014, 180, 23-30.	1.1	26
31	Ns1 Is a Key Protein in the Vaccine Composition to Protect Ifnar($\hat{\sim}/\hat{\sim}$) Mice against Infection with Multiple Serotypes of African Horse Sickness Virus. <i>PLoS ONE</i> , 2013, 8, e70197.	1.1	25
32	Efficacy of different DNA and MVA prime-boost vaccination regimens against a Rift Valley fever virus (RVFV) challenge in sheep 12 weeks following vaccination. <i>Veterinary Research</i> , 2018, 49, 21.	1.1	24
33	Modeling Arboviral Infection in Mice Lacking the Interferon Alpha/Beta Receptor. <i>Viruses</i> , 2019, 11, 35.	1.5	24
34	A protective bivalent vaccine against Rift Valley fever and bluetongue. <i>Npj Vaccines</i> , 2020, 5, 70.	2.9	22
35	Antiserum from mice vaccinated with modified vaccinia Ankara virus expressing African horse sickness virus (AHSV) VP2 provides protection when it is administered 48h before, or 48h after challenge. <i>Antiviral Research</i> , 2015, 116, 27-33.	1.9	20
36	Molecular Identification and Coexpression of Galanin and GalR-1 Galanin Receptor in the Human Ocular Ciliary Epithelium: Differential Modulation of Their Expression by the Activation of $\hat{\pm}2$ - and $\hat{\pm}2$ -Adrenergic Receptors in Cultured Ciliary Epithelial Cells. <i>Journal of Neurochemistry</i> , 2002, 71, 2260-2270.	2.1	19

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37	CRALBP transcriptional regulation in ciliary epithelial, retinal Müller and retinal pigment epithelial cells. <i>Experimental Eye Research</i> , 2003, 76, 257-260.	1.2	19
38	Experimental oral infection of bluetongue virus serotype 8 in type I interferon receptor-deficient mice. <i>Journal of General Virology</i> , 2010, 91, 2821-2825.	1.3	19
39	Interferon β receptor knockout mice as a model to study bluetongue virus infection. <i>Virus Research</i> , 2014, 182, 35-42.	1.1	19
40	CD8 T Cell Responses to an Immunodominant Epitope within the Nonstructural Protein NS1 Provide Wide Immunoprotection against Bluetongue Virus in IFNAR ^{-/-} Mice. <i>Journal of Virology</i> , 2018, 92, .	1.5	19
41	An experimental subunit vaccine based on Bluetongue virus 4 VP2 protein fused to an antigen-presenting cells single chain antibody elicits cellular and humoral immune responses in cattle, guinea pigs and IFNAR ^{-/-} mice. <i>Vaccine</i> , 2015, 33, 2614-2619.	1.7	18
42	Pathological Characterization Of IFNAR(-/-) Mice Infected With Bluetongue Virus Serotype 4. <i>International Journal of Biological Sciences</i> , 2016, 12, 1448-1460.	2.6	18
43	Increasing the Safety Profile of the Master Donor Live Attenuated Influenza Vaccine. <i>Pathogens</i> , 2020, 9, 86.	1.2	18
44	The immunogenicity of recombinant vaccines based on modified Vaccinia Ankara (MVA) viruses expressing African horse sickness virus VP2 antigens depends on the levels of expressed VP2 protein delivered to the host. <i>Antiviral Research</i> , 2018, 154, 132-139.	1.9	15
45	Heterologous Combination of ChAdOx1 and MVA Vectors Expressing Protein NS1 as Vaccination Strategy to Induce Durable and Cross-Protective CD8+ T Cell Immunity to Bluetongue Virus. <i>Vaccines</i> , 2020, 8, 346.	2.1	15
46	Transmissible gastroenteritis virus (TGEV)-based vectors with engineered murine tropism express the rotavirus VP7 protein and immunize mice against rotavirus. <i>Virology</i> , 2011, 410, 107-118.	1.1	14
47	Identification of CD8 T cell epitopes in VP2 and NS1 proteins of African horse sickness virus in IFNAR(-/-) mice.. <i>Virus Research</i> , 2015, 210, 149-153.	1.1	14
48	Generation of Recombinant Modified Vaccinia Virus Ankara Encoding VP2, NS1, and VP7 Proteins of Bluetongue Virus. <i>Methods in Molecular Biology</i> , 2016, 1349, 137-150.	0.4	14
49	Viral Vector Vaccines against Bluetongue Virus. <i>Microorganisms</i> , 2021, 9, 42.	1.6	14
50	Microspheres-prime/rMVA-boost vaccination enhances humoral and cellular immune response in IFNAR ^{-/-} mice conferring protection against serotypes 1 and 4 of bluetongue virus. <i>Antiviral Research</i> , 2017, 142, 55-62.	1.9	13
51	MVA Vectored Vaccines Encoding Rift Valley Fever Virus Glycoproteins Protect Mice against Lethal Challenge in the Absence of Neutralizing Antibody Responses. <i>Vaccines</i> , 2020, 8, 82.	2.1	13
52	A DNA Vaccine Delivery Platform Based on Elastin-Like Recombinamer Nanosystems for Rift Valley Fever Virus. <i>Molecular Pharmaceutics</i> , 2020, 17, 1608-1620.	2.3	13
53	Differential regulation of gene expression of neurotensin and prohormone convertases PC1 and PC2 in the bovine ocular ciliary epithelium: possible implications on neurotensin processing. <i>Neuroscience Letters</i> , 2002, 333, 49-53.	1.0	12
54	A single dose of African horse sickness virus (AHSV) VP2 based vaccines provides complete clinical protection in a mouse model. <i>Vaccine</i> , 2018, 36, 7003-7010.	1.7	11

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55	Cross-protective immune responses against African horse sickness virus after vaccination with protein NS1 delivered by avian reovirus muNS microspheres and modified vaccinia virus Ankara. <i>Vaccine</i> , 2020, 38, 882-889.	1.7	11
56	The Membrane M Protein of the Transmissible Gastroenteritis Coronavirus Binds to the Internal Core through the Carboxy-Terminus. <i>Advances in Experimental Medicine and Biology</i> , 2001, 494, 589-593.	0.8	11
57	Inhibition of Orbivirus Replication by Aurintricarboxylic Acid. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7294.	1.8	10
58	Natural Selection of H5N1 Avian Influenza A Viruses with Increased PA-X and NS1 Shutoff Activity. <i>Viruses</i> , 2021, 13, 1760.	1.5	10
59	Recombinant Rift Valley fever viruses encoding bluetongue virus (BTV) antigens: Immunity and efficacy studies upon a BTV-4 challenge. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008942.	1.3	10
60	Reverse genetics approaches: a novel strategy for African horse sickness virus vaccine design. <i>Current Opinion in Virology</i> , 2020, 44, 49-56.	2.6	9
61	Nature of the Virus Associated with Endemic Balkan Nephropathy. <i>Emerging Infectious Diseases</i> , 2002, 8, 869-870.	2.0	7
62	Development of a multiplex assay for antibody detection in serum against pathogens affecting ruminants. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1229-1239.	1.3	7
63	The Change P82L in the Rift Valley Fever Virus NSs Protein Confers Attenuation in Mice. <i>Viruses</i> , 2021, 13, 542.	1.5	7
64	Identification of Amino Acid Residues Required for Inhibition of Host Gene Expression by Influenza Virus A/Viet Nam/1203/2004 H5N1 PA-X. <i>Journal of Virology</i> , 2022, 96, JVI0040821.	1.5	7
65	Virus-based vectors for gene expression in mammalian cells: Coronavirus. <i>New Comprehensive Biochemistry</i> , 2003, 38, 151-168.	0.1	6
66	The Combined Expression of the Nonstructural Protein NS1 and the N-Terminal Half of NS2 (NS2) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 . Bluetongue Virus Challenge. <i>Journal of Virology</i> , 2022, 96, JVI0161421.	1.5	5
67	Defeating Bluetongue virus: new approaches in the development of multiserotype vaccines. <i>Future Virology</i> , 2016, 11, 535-548.	0.9	3
68	Identification of Single Amino Acid Changes in the Rift Valley Fever Virus Polymerase Core Domain Contributing to Virus Attenuation In Vivo. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 875539.	1.8	3
69	Nanoparticle- and Microparticle-Based Vaccines against Orbiviruses of Veterinary Importance. <i>Vaccines</i> , 2022, 10, 1124.	2.1	3
70	Bluetongue virus revisited. <i>Virus Research</i> , 2014, 182, 1-2.	1.1	0
71	Recombinant Modified Vaccinia Virus Development to Express VP2, NS1, and VP7 Proteins of Bluetongue. <i>Methods in Molecular Biology</i> , 2022, 2465, 177-193.	0.4	0
72	Using RVFV as a Vector Platform for the Expression of Ruminant Disease Antigens. <i>Methods in Molecular Biology</i> , 2022, 2465, 209-225.	0.4	0

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73	Title is missing!. , 2020, 14, e0008942.		0
74	Title is missing!. , 2020, 14, e0008942.		0
75	Title is missing!. , 2020, 14, e0008942.		0
76	Title is missing!. , 2020, 14, e0008942.		0
77	Title is missing!. , 2020, 14, e0008942.		0
78	Title is missing!. , 2020, 14, e0008942.		0