

# Juan Barcena

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,521  
citations

279798

23  
h-index

315739

38  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proposal for a unified classification system and nomenclature of lagoviruses. <i>Journal of General Virology</i> , 2017, 98, 1658-1666.	2.9	148
2	Virus-like particles: The new frontier of vaccines for animal viral infections. <i>Veterinary Immunology and Immunopathology</i> , 2012, 148, 211-225.	1.2	117
3	Complex structure of the nuclear translocation signal of influenza virus polymerase PA subunit. <i>Journal of General Virology</i> , 1994, 75, 29-36.	2.9	111
4	Enhanced Mucosal Immunoglobulin A Response and Solid Protection against Foot-and-Mouth Disease Virus Challenge Induced by a Novel Dendrimeric Peptide. <i>Journal of Virology</i> , 2008, 82, 7223-7230.	3.4	92
5	Monoclonal antibodies against influenza virus PB2 and NP polypeptides interfere with the initiation step of viral mRNA synthesis in vitro. <i>Journal of Virology</i> , 1994, 68, 6900-6909.	3.4	77
6	Horizontal Transmissible Protection against Myxomatosis and Rabbit Hemorrhagic Disease by Using a Recombinant Myxoma Virus. <i>Journal of Virology</i> , 2000, 74, 1114-1123.	3.4	72
7	Development of a low-cost, insect larvae-derived recombinant subunit vaccine against RHDV. <i>Virology</i> , 2007, 364, 422-430.	2.4	72
8	Current strategies for subunit and genetic viral veterinary vaccine development. <i>Virus Research</i> , 2011, 157, 1-12.	2.2	63
9	Nuclear transport of influenza virus polymerase PA protein. <i>Virus Research</i> , 1992, 24, 65-75.	2.2	62
10	The coat protein of Rabbit hemorrhagic disease virus contains a molecular switch at the N-terminal region facing the inner surface of the capsid. <i>Virology</i> , 2004, 322, 118-134.	2.4	49
11	Comparative analysis of rabbit hemorrhagic disease virus (RHDV) and new RHDV2 virus antigenicity, using specific virus-like particles. <i>Veterinary Research</i> , 2015, 46, 106.	3.0	41
12	Epidemiology of RHDV2 ( <i>Lagovirus europaeus</i> /GI.2) in free-living wild European rabbits in Portugal. <i>Transboundary and Emerging Diseases</i> , 2018, 65, e373-e382.	3.0	41
13	First field trial of a transmissible recombinant vaccine against myxomatosis and rabbit hemorrhagic disease. <i>Vaccine</i> , 2001, 19, 4536-4543.	3.8	40
14	The Three Subunits of the Polymerase and the Nucleoprotein of Influenza B Virus Are the Minimum Set of Viral Proteins Required for Expression of a Model RNA Template. <i>Virology</i> , 1997, 235, 209-217.	2.4	37
15	Chimeric calicivirus-like particles elicit specific immune responses in pigs. <i>Vaccine</i> , 2012, 30, 2427-2439.	3.8	36
16	Synthesis in Vitro of Rabbit Hemorrhagic Disease Virus Subgenomic RNA by Internal Initiation on (â€œ)Sense Genomic RNA. <i>Journal of Biological Chemistry</i> , 2004, 279, 17013-17018.	3.4	35
17	Towards a unique and transmissible vaccine against myxomatosis and rabbit haemorrhagic disease for rabbit populations. <i>Wildlife Research</i> , 2007, 34, 567.	1.4	34
18	Self-Assembly of the Recombinant Capsid Protein of a Swine Norovirus into Virus-Like Particles and Evaluation of Monoclonal Antibodies Cross-Reactive with a Human Strain from Genogroup II. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3971-3979.	3.9	30

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19	Design of Novel Vaccines Based on Virus-Like Particles or Chimeric Virions. <i>Sub-Cellular Biochemistry</i> , 2013, 68, 631-665.	2.4	30
20	Improved Production Efficiency of Virus-Like Particles by the Baculovirus Expression Vector System. <i>PLoS ONE</i> , 2015, 10, e0140039.	2.5	28
21	Genome Comparison of a Nonpathogenic Myxoma Virus Field Strain with Its Ancestor, the Virulent Lausanne Strain. <i>Journal of Virology</i> , 2009, 83, 2397-2403.	3.4	27
22	Chimeric calicivirus-like particles elicit protective anti-viral cytotoxic responses without adjuvant. <i>Virology</i> , 2009, 387, 303-312.	2.4	26
23	Epitope mapping of cross-reactive monoclonal antibodies specific for the influenza A virus PA and PB2 polypeptides. <i>Virus Research</i> , 1995, 37, 305-315.	2.2	25
24	Epitope Insertion at the N-Terminal Molecular Switch of the Rabbit Hemorrhagic Disease Virus T=3 Capsid Protein Leads to Larger T=4 Capsids. <i>Journal of Virology</i> , 2012, 86, 6470-6480.	3.4	25
25	B Epitope Multiplicity and B/T Epitope Orientation Influence Immunogenicity of Foot-and-Mouth Disease Peptide Vaccines. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-9.	3.3	23
26	Isolation of an attenuated myxoma virus field strain that can confer protection against myxomatosis on contacts of vaccinates. <i>Archives of Virology</i> , 2000, 145, 759-771.	2.1	22
27	Recombinant Swinepox Virus Expressing $\beta$ -Galactosidase: Investigation of Viral Host Range and Gene Expression Levels in Cell Culture. <i>Virology</i> , 1998, 243, 396-405.	2.4	20
28	Inclusion of a specific T cell epitope increases the protection conferred against foot-and-mouth disease virus in pigs by a linear peptide containing an immunodominant B cell site. <i>Virology Journal</i> , 2012, 9, 66.	3.4	20
29	Structural Basis for the Development of Avian Virus Capsids That Display Influenza Virus Proteins and Induce Protective Immunity. <i>Journal of Virology</i> , 2015, 89, 2563-2574.	3.4	20
30	Virus-like particle-based vaccines for animal viral infections. <i>Inmunologia (Barcelona, Spain: 1987)</i> , 2013, 32, 102-116.	0.1	18
31	Safety evaluation of a recombinant myxoma-RHDV virus inducing horizontal transmissible protection against myxomatosis and rabbit haemorrhagic disease. <i>Vaccine</i> , 2000, 19, 174-182.	3.8	16
32	In vivo tracking and immunological properties of pulsed porcine monocyte-derived dendritic cells. <i>Molecular Immunology</i> , 2015, 63, 343-354.	2.2	13
33	Precise location of linear epitopes on the capsid surface of feline calicivirus recognized by neutralizing and non-neutralizing monoclonal antibodies. <i>Veterinary Research</i> , 2020, 51, 59.	3.0	13
34	Rabbit hemorrhagic disease virus capsid, a versatile platform for foreign B-cell epitope display inducing protective humoral immune responses. <i>Scientific Reports</i> , 2016, 6, 31844.	3.3	11
35	Sequence and analysis of a swinepox virus homologue of the vaccinia virus major envelope protein P37 (F13L). <i>Journal of General Virology</i> , 2000, 81, 1073-1085.	2.9	10
36	Chimeric RHDV Virus-Like Particles Displaying Foot-and-Mouth Disease Virus Epitopes Elicit Neutralizing Antibodies and Confer Partial Protection in Pigs. <i>Vaccines</i> , 2021, 9, 470.	4.4	5

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37	Immunogenicity of Multi-Target Chimeric RHDV Virus-Like Particles Delivering Foreign B-Cell Epitopes. <i>Vaccines</i> , 2022, 10, 229.	4.4	4
38	An Adenovirus Vector Expressing FMDV RNA Polymerase Combined with a Chimeric VLP Harboring a Neutralizing Epitope as a Prime Boost Strategy to Induce FMDV-Specific Humoral and Cellular Responses. <i>Pharmaceuticals</i> , 2021, 14, 675.	3.8	3
39	Multi-Event capture-recapture models estimate the diagnostic performance of serological tests for myxoma and rabbit haemorrhagic disease viruses in the absence of reference samples. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	3
40	Development and Evaluation of a Duplex Lateral Flow Assay for the Detection and Differentiation between Rabbit Haemorrhagic Disease Virus <i>Lagovirus europaeus</i> /GI.1 and /GI.2. <i>Biology</i> , 2022, 11, 401.	2.8	2