

# Vicente Mas

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39  
papers

1,337  
citations

19  
h-index

36  
g-index

41  
ext. papers

1,686  
ext. citations

8.4  
avg, IF

4.1  
L-index

#	Paper	IF	Citations
39	Emergence of Progressive Mutations in SARS-CoV-2 From a Hematologic Patient With Prolonged Viral Replication.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 826883	5.7	1
38	Structure-based design of prefusion-stabilized human metapneumovirus fusion proteins.. <i>Nature Communications</i> , <b>2022</b> , 13, 1299	17.4	1
37	Brief Research Report: Virus-Specific Humoral Immunity at Admission Predicts the Development of Respiratory Failure in Unvaccinated SARS-CoV-2 Patients.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 878812	8.4	0
36	Similar humoral immune responses against the SARS-CoV-2 spike protein in HIV and non-HIV individuals after COVID-19. <i>Journal of Infection</i> , <b>2021</b> ,	18.9	0
35	Low anti-SARS-CoV-2 S antibody levels predict increased mortality and dissemination of viral components in the blood of critical COVID-19 patients. <i>Journal of Internal Medicine</i> , <b>2021</b> ,	10.8	7
34	Discordance Between SARS-CoV-2-specific Cell-mediated and Antibody Responses Elicited by mRNA-1273 Vaccine in Kidney and Liver Transplant Recipients. <i>Transplantation Direct</i> , <b>2021</b> , 7, e794	2.3	2
33	De novo protein design enables the precise induction of RSV-neutralizing antibodies. <i>Science</i> , <b>2020</b> , 368,	33.3	69
32	Development and comparison of mimotope-based immunoassays for the analysis of fumonisin B. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 6801-6811	4.4	8
31	Structural and biophysical characterizations of HIV-1 matrix trimer binding to lipid nanodiscs shed light on virus assembly. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 18600-18612	5.4	14
30	Chimeric fusion proteins as immunogens to induce cross-neutralizing antibody responses. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10, 175-187	12	3
29	Antigenic and sequence variability of the human respiratory syncytial virus F glycoprotein compared to related viruses in a comprehensive dataset. <i>Vaccine</i> , <b>2018</b> , 36, 6660-6673	4.1	16
28	Potent single-domain antibodies that arrest respiratory syncytial virus fusion protein in its prefusion state. <i>Nature Communications</i> , <b>2017</b> , 8, 14158	17.4	41
27	Structure and immunogenicity of pre-fusion-stabilized human metapneumovirus F glycoprotein. <i>Nature Communications</i> , <b>2017</b> , 8, 1528	17.4	50
26	Structural, antigenic and immunogenic features of respiratory syncytial virus glycoproteins relevant for vaccine development. <i>Vaccine</i> , <b>2017</b> , 35, 461-468	4.1	35
25	The Complexity of Antibody Responses Elicited against the Respiratory Syncytial Virus Glycoproteins in Hospitalized Children Younger than 2 Years. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2301	5.7	9
24	Generation and Characterization of ALX-0171, a Potent Novel Therapeutic Nanobody for the Treatment of Respiratory Syncytial Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6-13	5.9	142
23	Trivalency of a Nanobody Specific for the Human Respiratory Syncytial Virus Fusion Glycoprotein Drastically Enhances Virus Neutralization and Impacts Escape Mutant Selection. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6498-6509	5.9	20

22	Influence of Respiratory Syncytial Virus F Glycoprotein Conformation on Induction of Protective Immune Responses. <i>Journal of Virology</i> , <b>2016</b> , 90, 5485-5498	6.6	25
21	Engineering, Structure and Immunogenicity of the Human Metapneumovirus F Protein in the Postfusion Conformation. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005859	7.6	24
20	Rapid profiling of RSV antibody repertoires from the memory B cells of naturally infected adult donors. <i>Science Immunology</i> , <b>2016</b> , 1,	2.8	120
19	The Pneumovirinae fusion (F) protein: A common target for vaccines and antivirals. <i>Virus Research</i> , <b>2015</b> , 209, 128-35	6.4	16
18	Generation of monoclonal antibodies specific of the postfusion conformation of the Pneumovirinae fusion (F) protein. <i>Journal of Virological Methods</i> , <b>2015</b> , 224, 1-8	2.6	7
17	Characterization of a Prefusion-Specific Antibody That Recognizes a Quaternary, Cleavage-Dependent Epitope on the RSV Fusion Glycoprotein. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1005035	7.6	87
16	Characterization of an enhanced antigenic change in the pandemic 2009 H1N1 influenza virus haemagglutinin. <i>Journal of General Virology</i> , <b>2014</b> , 95, 1033-1042	4.9	6
15	A monomeric uncleaved respiratory syncytial virus F antigen retains prefusion-specific neutralizing epitopes. <i>Journal of Virology</i> , <b>2014</b> , 88, 11802-10	6.6	30
14	Polyclonal and monoclonal antibodies specific for the six-helix bundle of the human respiratory syncytial virus fusion glycoprotein as probes of the protein post-fusion conformation. <i>Virology</i> , <b>2014</b> , 460-461, 119-27	3.6	11
13	Entry of enveloped viruses into host cells: membrane fusion. <i>Sub-Cellular Biochemistry</i> , <b>2013</b> , 68, 467-87	5.5	30
12	Neutralizing antibodies against the preactive form of respiratory syncytial virus fusion protein offer unique possibilities for clinical intervention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3089-94	11.5	172
11	Residues of the human metapneumovirus fusion (F) protein critical for its strain-related fusion phenotype: implications for the virus replication cycle. <i>Journal of Virology</i> , <b>2011</b> , 85, 12650-61	6.6	19
10	Low-pH-induced membrane fusion mediated by human metapneumovirus F protein is a rare, strain-dependent phenomenon. <i>Journal of Virology</i> , <b>2008</b> , 82, 8891-5	6.6	56
9	Dual antiviral activity of human alpha-defensin-1 against viral haemorrhagic septicaemia rhabdovirus (VHSV): inactivation of virus particles and induction of a type I interferon-related response. <i>Antiviral Research</i> , <b>2007</b> , 76, 111-23	10.8	49
8	Identification of selective inhibitors of VHSV from biased combinatorial libraries of N,NVdisubstituted 2,5-piperazinediones. <i>Antiviral Research</i> , <b>2006</b> , 72, 107-15	10.8	11
7	The olive leaf extract exhibits antiviral activity against viral haemorrhagic septicaemia rhabdovirus (VHSV). <i>Antiviral Research</i> , <b>2005</b> , 66, 129-36	10.8	171
6	Reversible inhibition of spreading of in vitro infection and imbalance of viral protein accumulation at low pH in viral hemorrhagic septicemia rhabdovirus, a salmonid rhabdovirus. <i>Journal of Virology</i> , <b>2004</b> , 78, 1936-44	6.6	22
5	Enhanced detection of viral hemorrhagic septicemia virus (a salmonid rhabdovirus) by pretreatment of the virus with a combinatorial library-selected peptide. <i>Journal of Virological Methods</i> , <b>2002</b> , 106, 17-23	2.6	12

- 4 Antibody response to a fragment of the protein G of VHS rhabdovirus in immunised trout. *Veterinary Immunology and Immunopathology*, **2002**, 86, 89-99 2 18
- 3 A protein G fragment from the salmonid viral hemorrhagic septicemia rhabdovirus induces cell-to-cell fusion and membrane phosphatidylserine translocation at low pH. *Journal of Biological Chemistry*, **2001**, 276, 46268-75 5.4 28
- 2 Respiratory Syncytial Virus1-13
- 1 De novo protein design enables precise induction of functional antibodies in vivo 4