Miguel Ãngel Martin-Acebes

List of Publications by Year
in descending order

81 papers	7,345 citations	159525 30 h-index	60583 81 g-index
84 all docs	84 docs citations	84 times ranked	16868 citing authors

#	Article	IF	Citations
1	Low Immune Cross-Reactivity between West Nile Virus and a Zika Virus Vaccine Based on Modified Vaccinia Virus Ankara. Pharmaceuticals, 2022, 15, 354.	1.7	2
2	Antivirals against (Re)emerging Flaviviruses: Should We Target the Virus or the Host?. ACS Medicinal Chemistry Letters, 2022, 13, 5-10.	1.3	13
3	Nanobodies Protecting From Lethal SARS-CoV-2 Infection Target Receptor Binding Epitopes Preserved in Virus Variants Other Than Omicron. Frontiers in Immunology, 2022, 13, 863831.	2.2	10
4	Pathogenicity and virulence of West Nile virus revisited eight decades after its first isolation. Virulence, 2021, 12, 1145-1173.	1.8	22
5	The combined vaccination protocol of DNA/MVA expressing Zika virus structural proteins as efficient inducer of T and B cell immune responses. Emerging Microbes and Infections, 2021, 10, 1441-1456.	3.0	6
6	Relevance of oxidative stress in inhibition of eIF2 alpha phosphorylation and stress granules formation during Usutu virus infection. PLoS Neglected Tropical Diseases, 2021, 15, e0009072.	1.3	8
7	Editorial: Cell Organelle Exploitation by Viruses During Infection. Frontiers in Microbiology, 2021, 12, 675152.	1.5	3
8	Akt Kinase Intervenes in Flavivirus Replication by Interacting with Viral Protein NS5. Viruses, 2021, 13, 896.	1.5	10
9	Previous Usutu Virus Exposure Partially Protects Magpies (Pica pica) against West Nile Virus Disease But Does Not Prevent Horizontal Transmission. Viruses, 2021, 13, 1409.	1.5	7
10	Novel Nonnucleoside Inhibitors of Zika Virus Polymerase Identified through the Screening of an Open Library of Antikinetoplastid Compounds. Antimicrobial Agents and Chemotherapy, 2021, 65, e0089421.	1.4	7
11	Adaptive value of foot-and-mouth disease virus capsid substitutions with opposite effects on particle acid stability. Scientific Reports, 2021, 11, 23494.	1.6	0
12	Molecular docking and antiviral activities of plant derived compounds against zika virus. Microbial Pathogenesis, 2020, 149, 104540.	1.3	6
13	Dengue Virus Strikes Back: Increased Future Risk of Severe Dengue Disease in Humans as a Result of Previous Exposure to Zika Virus. Journal of Clinical Medicine, 2020, 9, 4060.	1.0	1
14	Negatively charged amino acids at the foot-and-mouth disease virus capsid reduce the virion-destabilizing effect of viral RNA at acidic pH. Scientific Reports, 2020, 10, 1657.	1.6	1
15	Lipid Metabolism as a Source of Druggable Targets for Antiviral Discovery against Zika and Other Flaviviruses. Pharmaceuticals, 2019, 12, 97.	1.7	38
16	Clinical Infections by Herpesviruses in Patients Treated with Valproic Acid: A Nested Case-Control Study in the Spanish Primary Care Database, BIFAP. Journal of Clinical Medicine, 2019, 8, 1442.	1.0	10
17	Current Progress of Avian Vaccines Against West Nile Virus. Vaccines, 2019, 7, 126.	2.1	13
18	A Recombinant Subviral Particle-Based Vaccine Protects Magpie (Pica pica) Against West Nile Virus Infection. Frontiers in Microbiology, 2019, 10, 1133.	1.5	7

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19	Targeting host metabolism by inhibition of acetyl-Coenzyme A carboxylase reduces flavivirus infection in mouse models. Emerging Microbes and Infections, 2019, 8, 624-636.	3.0	29
20	The Scientific Response to Zika Virus. Journal of Clinical Medicine, 2019, 8, 369.	1.0	4
21	Direct Activation of Adenosine Monophosphate-Activated Protein Kinase (AMPK) by PF-06409577 Inhibits Flavivirus Infection through Modification of Host Cell Lipid Metabolism. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	41
22	A Vaccine Based on a Modified Vaccinia Virus Ankara Vector Expressing Zika Virus Structural Proteins Controls Zika Virus Replication in Mice. Scientific Reports, 2018, 8, 17385.	1.6	43
23	Host-Directed Antivirals: A Realistic Alternative to Fight Zika Virus. Viruses, 2018, 10, 453.	1.5	41
24	Antibody-Dependent Enhancement and Zika: Real Threat or Phantom Menace?. Frontiers in Cellular and Infection Microbiology, 2018, 8, 44.	1.8	57
25	Pharmacological Inhibition of Protein Kinase C Reduces West Nile Virus Replication. Viruses, 2018, 10, 91.	1.5	25
26	Antibodies to West Nile virus in Mexican pigs. Journal of Vector Borne Diseases, 2018, 55, 66.	0.1	1
27	Antiviral Activity of Nordihydroguaiaretic Acid and Its Derivative Tetra- <i>O</i> -Methyl Nordihydroguaiaretic Acid against West Nile Virus and Zika Virus. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	53
28	Preserved immunogenicity of an inactivated vaccine based on foot-and-mouth disease virus particles with improved stability. Veterinary Microbiology, 2017, 203, 275-279.	0.8	9
29	The Race To Find Antivirals for Zika Virus. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	86
30	Reply to Iannetta et al., â€œAzithromycin Shows Anti-Zika Virus Activity in Human Glial Cellsâ€•. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	2
31	Antiviral Properties of the Natural Polyphenols Delphinidin and Epigallocatechin Gallate against the Flaviviruses West Nile Virus, Zika Virus, and Dengue Virus. Frontiers in Microbiology, 2017, 8, 1314.	1.5	152
32	Zika Virus: What Have We Learnt Since the Start of the Recent Epidemic?. Frontiers in Microbiology, 2017, 8, 1554.	1.5	44
33	Zika virus infection confers protection against West Nile virus challenge in mice. Emerging Microbes and Infections, 2017, 6, 1-6.	3.0	20
34	Inhibition of West Nile Virus Multiplication in Cell Culture by Anti-Parkinsonian Drugs. Frontiers in Microbiology, 2016, 7, 296.	1.5	18
35	Zika Virus: the Latest Newcomer. Frontiers in Microbiology, 2016, 7, 496.	1.5	167
36	The Amino Acid Substitution Q65H in the 2C Protein of Swine Vesicular Disease Virus Confers Resistance to Golgi Disrupting Drugs. Frontiers in Microbiology, 2016, 7, 612.	1.5	1

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37	Response: Commentary: Zika Virus: the Latest Newcomer. Frontiers in Microbiology, 2016, 7, 1398.	1.5	5
38	Prevalence of Hepatitis E Virus (HEV) Antibodies in Mexican Pigs. Food and Environmental Virology, 2016, 8, 156-159.	1.5	20
39	Lipids and flaviviruses, present and future perspectives for the control of dengue, Zika, and West Nile viruses. Progress in Lipid Research, 2016, 64, 123-137.	5.3	116
40	Equine Rhinitis A Virus Mutants with Altered Acid Resistance Unveil a Key Role of VP3 and Intrasubunit Interactions in the Control of the pH Stability of the Aphthovirus Capsid. Journal of Virology, 2016, 90, 9725-9732.	1.5	2
41	Inhibition of herpes virus infection in oligodendrocyte cultured cells by valproic acid. Virus Research, 2016, 214, 71-79.	1.1	21
42	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
43	A recombinant DNA vaccine protects mice deficient in the alpha/beta interferon receptor against lethal challenge with Usutu virus. Vaccine, 2016, 34, 2066-2073.	1.7	32
44	First Complete Coding Sequence of a Spanish Isolate of Swine Vesicular Disease Virus. Genome Announcements, 2016, 4, .	0.8	3
45	Host sphingomyelin increases West Nile virus infection in vivo. Journal of Lipid Research, 2016, 57, 422-432.	2.0	43
46	Modification of the Host Cell Lipid Metabolism Induced by Hypolipidemic Drugs Targeting the Acetyl Coenzyme A Carboxylase Impairs West Nile Virus Replication. Antimicrobial Agents and Chemotherapy, 2016, 60, 307-315.	1.4	55
47	Experimental North American West Nile Virus Infection in the Red-legged Partridge (<i>Alectoris) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.8	11
48	The pH Stability of Foot-and-Mouth Disease Virus Particles Is Modulated by Residues Located at the Pentameric Interface and in the N Terminus of VP1. Journal of Virology, 2015, 89, 5633-5642.	1.5	30
49	Limited susceptibility of mice to Usutu virus (USUV) infection and induction of flavivirus cross-protective immunity. Virology, 2015, 482, 67-71.	1.1	48
50	Reconciling West Nile virus with the autophagic pathway. Autophagy, 2015, 11, 861-864.	4.3	17
51	Membrane Topology and Cellular Dynamics of Foot-and-Mouth Disease Virus 3A Protein. PLoS ONE, 2014, 9, e106685.	1.1	29
52	Protection of a Single Dose West Nile Virus Recombinant Subviral Particle Vaccine against Lineage 1 or 2 Strains and Analysis of the Cross-Reactivity with Usutu Virus. PLoS ONE, 2014, 9, e108056.	1.1	33
53	Stress responses in flavivirus-infected cells: activation of unfolded protein response and autophagy. Frontiers in Microbiology, 2014, 5, 266.	1.5	116
54	Prevalence of hepatitis E virus (HEV) antibodies in Serbian blood donors. Journal of Infection in Developing Countries, 2014, 8, 1322-1327.	0.5	30

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55	An Increase in Acid Resistance of Foot-and-Mouth Disease Virus Capsid Is Mediated by a Tyrosine Replacement of the VP2 Histidine Previously Associated with VP0 Cleavage. Journal of Virology, 2014, 88, 3039-3042.	1.5	23
56	The Composition of West Nile Virus Lipid Envelope Unveils a Role of Sphingolipid Metabolism in Flavivirus Biogenesis. Journal of Virology, 2014, 88, 12041-12054.	1.5	125
57	Amino acid substitutions in the non-structural proteins 4A or 4B modulate the induction of autophagy in West Nile virus infected cells independently of the activation of the unfolded protein response. Frontiers in Microbiology, 2014, 5, 797.	1.5	27
58	Inhibition of multiplication of the prototypic arenavirus LCMV by valproic acid. Antiviral Research, 2013, 99, 172-179.	1.9	24
59	Protection of red-legged partridges (Alectoris rufa) against West Nile virus (WNV) infection after immunization with WNV recombinant envelope protein E (rE). Vaccine, 2013, 31, 4523-4527.	1.7	23
60	Infection with Usutu Virus Induces an Autophagic Response in Mammalian Cells. PLoS Neglected Tropical Diseases, 2013, 7, e2509.	1.3	31
61	A Single Amino Acid Substitution in the Core Protein of West Nile Virus Increases Resistance to Acidotropic Compounds. PLoS ONE, 2013, 8, e69479.	1.1	11
62	Modulation of foot-and-mouth disease virus pH threshold for uncoating correlates with differential sensitivity to inhibition of cellular Rab GTPases and decreases infectivity in vivo. Journal of General Virology, 2012, 93, 2382-2386.	1.3	8
63	Characterization of Hepatitis E Virus Recombinant ORF2 Proteins Expressed by Vaccinia Viruses. Journal of Virology, 2012, 86, 7880-7886.	1.5	25
64	Acid-dependent viral entry. Virus Research, 2012, 167, 125-137.	1.1	46
65	Plasma Membrane Phosphatidylinositol 4,5 Bisphosphate Is Required for Internalization of Foot-and-Mouth Disease Virus and Vesicular Stomatitis Virus. PLoS ONE, 2012, 7, e45172.	1.1	9
66	Protection against West Nile Virus Infection in Mice after Inoculation with Type I Interferon-Inducing RNA Transcripts. PLoS ONE, 2012, 7, e49494.	1.1	17
67	West Nile virus: A re-emerging pathogen revisited. World Journal of Virology, 2012, 1, 51.	1.3	69
68	Foot-and-mouth disease virus particles inactivated with binary ethylenimine are efficiently internalized into cultured cells. Vaccine, 2011, 29, 9655-9662.	1.7	10
69	West Nile Virus Replication Requires Fatty Acid Synthesis but Is Independent on Phosphatidylinositol-4-Phosphate Lipids. PLoS ONE, 2011, 6, e24970.	1.1	136
70	Widespread distribution of hepatitis E virus in Spanish pig herds. BMC Research Notes, 2011, 4, 412.	0.6	38
71	First Serological Evidence of West Nile Virus Activity in Horses in Serbia. Vector-Borne and Zoonotic Diseases, 2011, 11, 1303-1305.	0.6	52
72	A Single Amino Acid Substitution in the Capsid of Foot-and-Mouth Disease Virus Can Increase Acid Resistance. Journal of Virology, 2011, 85, 2733-2740.	1.5	40

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73	Inhibition of Enveloped Virus Infection of Cultured Cells by Valproic Acid. Journal of Virology, 2011, 85, 1267-1274.	1.5	46
74	A West Nile virus mutant with increased resistance to acid-induced inactivation. Journal of General Virology, 2011, 92, 831-840.	1.3	41
75	Cell density-dependent expression of viral antigens during persistence of foot-and-mouth disease virus in cell culture. Virology, 2010, 403, 47-55.	1.1	10
76	A Single Amino Acid Substitution in the Capsid of Foot-and-Mouth Disease Virus Can Increase Acid Lability and Confer Resistance to Acid-Dependent Uncoating Inhibition. Journal of Virology, 2010, 84, 2902-2912.	1.5	44
77	Internalization of Swine Vesicular Disease Virus into Cultured Cells: a Comparative Study with Foot-and-Mouth Disease Virus. Journal of Virology, 2009, 83, 4216-4226.	1.5	13
78	Subcellular distribution of swine vesicular disease virus proteins and alterations induced in infected cells: A comparative study with foot-and-mouth disease virus and vesicular stomatitis virus. Virology, 2008, 374, 432-443.	1.1	23
79	Susceptibility to viral infection is enhanced by stable expression of 3A or 3AB proteins from foot-and-mouth disease virus. Virology, 2008, 380, 34-45.	1.1	17
80	Productive entry of type C foot-and-mouth disease virus into susceptible cultured cells requires clathrin and is dependent on the presence of plasma membrane cholesterol. Virology, 2007, 369, 105-118.	1.1	66
81	Differential distribution of non-structural proteins of foot-and-mouth disease virus in BHK-21 cells. Virology, 2006, 349, 409-421.	1.1	48