Amelia K Pinto

List of Publications by Year
in descending order

68 papers	3,089 citations	172457 29 h-index	168389 53 g-index
79 all docs	79 docs citations	79 times ranked	4621 citing authors

#	Article	IF	Citations
1	Balanced T and B cell responses are required for immune protection against Powassan virus in virus-like particle vaccination. Cell Reports, 2022, 38, 110388.	6.4	9
2	The Serological Sciences Network (SeroNet) for COVID-19: Depth and Breadth of Serology Assays and Plans for Assay Harmonization. MSphere, 2022, 7, .	2.9	16
3	Titration and neutralizing antibody quantification by focus forming assay for Powassan virus. STAR Protocols, 2022, 3, 101473.	1.2	0
4	Oxidized Lipoproteins Promote Resistance to Cancer Immunotherapy Independent of Patient Obesity. Cancer Immunology Research, 2021, 9, 214-226.	3.4	18
5	Tamoxifen as a Zika Virus Therapeutic. FASEB Journal, 2021, 35, .	0.5	1
6	A Dengue Virus Serotype 1 mRNA-LNP Vaccine Elicits Protective Immune Responses. Journal of Virology, 2021, 95, .	3.4	37
7	Prior Heterologous Flavivirus Exposure Results in Reduced Pathogenesis in a Mouse Model of Zika Virus Infection. Journal of Virology, 2021, 95, e0057321.	3.4	6
8	Obesity Enhances Disease Severity in Female Mice Following West Nile Virus Infection. Frontiers in Immunology, 2021, 12, 739025.	4.8	11
9	Selective estrogen receptor modulator, tamoxifen, inhibits Zika virus infection. Journal of Medical Virology, 2021, 93, 6155-6162.	5.0	5
10	Single-Dose Intranasal Administration of AdCOVID Elicits Systemic and Mucosal Immunity against SARS-CoV-2 and Fully Protects Mice from Lethal Challenge. Vaccines, 2021, 9, 881.	4.4	86
11	The Ability of Zika virus Intravenous Immunoglobulin to Protect From or Enhance Zika Virus Disease. Frontiers in Immunology, 2021, 12, 717425.	4.8	6
12	Function Is More Reliable than Quantity to Follow Up the Humoral Response to the Receptor-Binding Domain of SARS-CoV-2-Spike Protein after Natural Infection or COVID-19 Vaccination. Viruses, 2021, 13, 1972.	3.3	22
13	Corticosteroid treatment in COVID-19 modulates host inflammatory responses and transcriptional signatures of immune dysregulation. Journal of Leukocyte Biology, 2021, 110, 1225-1239.	3.3	4
14	Roles of antiviral sensing and type I interferon signaling in the restriction of SARS-CoV-2 replication. IScience, 2021, , 103553.	4.1	5
15	Human iPSC-Derived Neuronal Cells From CTBP1-Mutated Patients Reveal Altered Expression of Neurodevelopmental Gene Networks. Frontiers in Neuroscience, 2020, 14, 562292.	2.8	6
16	Current Flavivirus Research Important for Vaccine Development. Vaccines, 2020, 8, 477.	4.4	2
17	Effective control of early Zika virus replication by Dengue immunity is associated to the length of time between the 2 infections but not mediated by antibodies. PLoS Neglected Tropical Diseases, 2020, 14, e0008285.	3.0	17
18	The small molecule AZD6244 inhibits dengue virus replication in vitro and protects against lethal challenge in a mouse model. Archives of Virology, 2020, 165, 671-681.	2.1	13

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19	Immunogenicity and Efficacy of a Recombinant Human Adenovirus Type 5 Vaccine against Zika Virus. Vaccines, 2020, 8, 170.	4.4	14
20	Potent Zika and dengue cross-neutralizing antibodies induced by Zika vaccination in a dengue-experienced donor. Nature Medicine, 2020, 26, 228-235.	30.7	61
21	SARS-CoV-2 spike protein promotes IL-6 trans-signaling by activation of angiotensin II receptor signaling in epithelial cells. PLoS Pathogens, 2020, 16, e1009128.	4.7	157
22	mRNA induced expression of human angiotensin-converting enzyme 2 in mice for the study of the adaptive immune response to severe acute respiratory syndrome coronavirus 2. PLoS Pathogens, 2020, 16, e1009163.	4.7	24
23	Diagnostic differentiation of Zika and dengue virus exposure by analyzing T cell receptor sequences from peripheral blood of infected HLA-A2 transgenic mice. PLoS Neglected Tropical Diseases, 2020, 14, e0008896.	3.0	1
24	Title is missing!. , 2020, 16, e1009163.		0
25	Title is missing!. , 2020, 16, e1009163.		0
26	Title is missing!. , 2020, 16, e1009163.		0
27	Title is missing!. , 2020, 16, e1009163.		0
28	The Temporal Role of Cytokines in Flavivirus Protection and Pathogenesis. Current Clinical Microbiology Reports, 2019, 6, 25-33.	3.4	3
29	Identification of Protective CD8 T Cell Responses in a Mouse Model of Zika Virus Infection. Frontiers in Immunology, 2019, 10, 1678.	4.8	42
30	Isolation and Quantification of Zika Virus from Multiple Organs in a Mouse. Journal of Visualized Experiments, 2019, , .	0.3	15
31	Time elapsed between Zika and dengue virus infections affects antibody and T cell responses. Nature Communications, 2019, 10, 4316.	12.8	31
32	Mouse Models of Heterologous Flavivirus Immunity: A Role for Cross-Reactive T Cells. Frontiers in Immunology, 2019, 10, 1045.	4.8	17
33	CD4+T cells mediate protection against Zika associated severe disease in a mouse model of infection. PLoS Pathogens, 2018, 14, e1007237.	4.7	77
34	Zika virus pathogenesis in rhesus macaques is unaffected by pre-existing immunity to dengue virus. Nature Communications, 2017, 8, 15674.	12.8	178
35	Residues in the PB2 and PA genes contribute to the pathogenicity of avian H7N3 influenza A virus in DBA/2 mice. Virology, 2016, 494, 89-99.	2.4	9
36	A North American H7N3 Influenza Virus Supports Reassortment with 2009 Pandemic H1N1 and Induces Disease in Mice without Prior Adaptation. Journal of Virology, 2016, 90, 4796-4806.	3.4	8

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37	Interferon-Regulatory Factor 5-Dependent Signaling Restricts Orthobunyavirus Dissemination to the Central Nervous System. Journal of Virology, 2016, 90, 189-205.	3.4	22
38	Oropouche Virus Infection and Pathogenesis Are Restricted by MAVS, IRF-3, IRF-7, and Type I Interferon Signaling Pathways in Nonmyeloid Cells. Journal of Virology, 2015, 89, 4720-4737.	3.4	37
39	Human and Murine IFIT1 Proteins Do Not Restrict Infection of Negative-Sense RNA Viruses of the Orthomyxoviridae, Bunyaviridae, and Filoviridae Families. Journal of Virology, 2015, 89, 9465-9476.	3.4	38
40	Interferon-Î» restricts West Nile virus neuroinvasion by tightening the blood-brain barrier. Science Translational Medicine, 2015, 7, 284ra59.	12.4	197
41	Defining New Therapeutics Using a More Immunocompetent Mouse Model of Antibody-Enhanced Dengue Virus Infection. MBio, 2015, 6, e01316-15.	4.1	40
42	Interfering with viral neuroinvasion. Science Signaling, 2015, 8, .	3.6	0
43	c-Myc-induced transcription factor AP4 is required for host protection mediated by CD8+ T cells. Nature Immunology, 2014, 15, 884-893.	14.5	85
44	Deficient IFN Signaling by Myeloid Cells Leads to MAVS-Dependent Virus-Induced Sepsis. PLoS Pathogens, 2014, 10, e1004086.	4.7	63
45	Interferon Regulatory Factor 5-Dependent Immune Responses in the Draining Lymph Node Protect against West Nile Virus Infection. Journal of Virology, 2014, 88, 11007-11021.	3.4	24
46	A novel Tâ€cell receptor mimic defines dendritic cells that present an immunodominant West Nile virus epitope in mice. European Journal of Immunology, 2014, 44, 1936-1946.	2.9	13
47	Murine norovirus infection does not cause major disruptions in the murine intestinal microbiota. Microbiome, 2013, 1, 7.	11.1	32
48	Pattern Recognition Receptor MDA5 Modulates CD8 ⁺ T Cell-Dependent Clearance of West Nile Virus from the Central Nervous System. Journal of Virology, 2013, 87, 11401-11415.	3.4	50
49	A Hydrogen Peroxide-Inactivated Virus Vaccine Elicits Humoral and Cellular Immunity and Protects against Lethal West Nile Virus Infection in Aged Mice. Journal of Virology, 2013, 87, 1926-1936.	3.4	60
50	CD8⁺T Cells Use TRAIL To Restrict West Nile Virus Pathogenesis by Controlling Infection in Neurons. Journal of Virology, 2012, 86, 8937-8948.	3.4	66
51	RAE1Îµ Ligand Expressed on Pancreatic Islets Recruits NKG2D Receptor-Expressing Cytotoxic T Cells Independent of T Cell Receptor Recognition. Immunity, 2012, 36, 132-141.	14.3	36
52	Beta Interferon Controls West Nile Virus Infection and Pathogenesis in Mice. Journal of Virology, 2011, 85, 7186-7194.	3.4	93
53	The lectin pathway of complement activation contributes to protection from West Nile virus infection. Virology, 2011, 412, 101-109.	2.4	63
54	Comparing the Kinetics of NK Cells, CD4, and CD8 T Cells in Murine Cytomegalovirus Infection. Journal of Immunology, 2011, 187, 1385-1392.	0.8	35

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55	A Temporal Role Of Type I Interferon Signaling in CD8+ T Cell Maturation during Acute West Nile Virus Infection. PLoS Pathogens, 2011, 7, e1002407.	4.7	95
56	Effects of Acute and Chronic Murine Norovirus Infections on Immune Responses and Recovery from Friend Retrovirus Infection. Journal of Virology, 2009, 83, 13037-13041.	3.4	22
57	Murine Norovirus Infection Has No Significant Effect on Adaptive Immunity to Vaccinia Virus or Influenza A Virus. Journal of Virology, 2009, 83, 7357-7360.	3.4	22
58	The Role of NKG2D Signaling in Inhibition of Cytotoxic T-Lymphocyte Lysis by the Murine Cytomegalovirus Immunoevasin<i>m152</i>/gp40. Journal of Virology, 2007, 81, 12564-12571.	3.4	9
59	Viral Interference with Antigen Presentation Does Not Alter Acute or Chronic CD8 T Cell Immunodominance in Murine Cytomegalovirus Infection. Journal of Immunology, 2007, 178, 7235-7241.	0.8	61
60	Murine Cytomegalovirus Interference with Antigen Presentation Contributes to the Inability of CD8 T Cells To Control Virus in the Salivary Gland. Journal of Virology, 2006, 80, 4200-4202.	3.4	45
61	Four Distinct Patterns of Memory CD8 T Cell Responses to Chronic Murine Cytomegalovirus Infection. Journal of Immunology, 2006, 177, 450-458.	0.8	214
62	Coordinated Function of Murine Cytomegalovirus Genes Completely Inhibits CTL Lysis. Journal of Immunology, 2006, 177, 3225-3234.	0.8	59
63	Viral Interference with Antigen Presentation to CD8+T Cells: Lessons from Cytomegalovirus. Viral Immunology, 2005, 18, 434-444.	1.3	34
64	Hidden death gene in â€˜flu. Trends in Microbiology, 2002, 10, 65.	7.7	0
65	T cell immunodominance and maintenance of memory regulated by unexpectedly cross-reactive pathogens. Nature Immunology, 2002, 3, 627-634.	14.5	236
66	Innate Immunity to Viruses: Control of Vaccinia Virus Infection by Î³Î´ T Cells. Journal of Immunology, 2001, 166, 6784-6794.	0.8	109
67	Attrition of T Cell Memory. Immunity, 1999, 11, 733-742.	14.3	261
68	Plasmalogen Loss in Sepsis and SARS-CoV-2 Infection. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	7