

Matteo Iannacone

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.

94
papers

5,419
citations

34
h-index

73
g-index

112
ext. papers

6,905
ext. citations

16.2
avg, IF

5.47
L-index

#	Paper	IF	Citations
94	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. <i>Science Immunology</i> , 2022 , 7,	28	5
93	Protective immune trajectories in early viral containment of non-pneumonic SARS-CoV-2 infection.. <i>Nature Communications</i> , 2022 , 13, 1018	17.4	5
92	Group 1 ILCs regulate T cell-mediated liver immunopathology by controlling local IL-2 availability.. <i>Science Immunology</i> , 2022 , 7, eabi6112	28	0
91	The interaction of CD4 helper T cells with dendritic cells shapes the tumor microenvironment and immune checkpoint blockade response.. <i>Nature Cancer</i> , 2022 ,	15.4	8
90	Arenaviral infection causes bleeding in mice due to reduced serotonin release from platelets.. <i>Science Signaling</i> , 2022 , 15, eabb0384	8.8	
89	Immunological insights in the treatment of chronic hepatitis B.. <i>Current Opinion in Immunology</i> , 2022 , 77, 102207	7.8	0
88	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition).. <i>European Journal of Immunology</i> , 2021 , 51, 2708-3145	6.1	12
87	Interferon signaling suppresses the unfolded protein response and induces cell death in hepatocytes accumulating hepatitis B surface antigen. <i>PLoS Pathogens</i> , 2021 , 17, e1009228	7.6	1
86	Immunobiology and pathogenesis of hepatitis B virus infection. <i>Nature Reviews Immunology</i> , 2021 ,	36.5	41
85	A PGE-MEF2A axis enables context-dependent control of inflammatory gene expression. <i>Immunity</i> , 2021 , 54, 1665-1682.e14	32.3	4
84	A subset of Kupffer cells regulates metabolism through the expression of CD36. <i>Immunity</i> , 2021 , 54, 2101-2116.e6	32.3	12
83	Identification of a Kupffer cell subset capable of reverting the T cell dysfunction induced by hepatocellular priming. <i>Immunity</i> , 2021 , 54, 2089-2100.e8	32.3	10
82	COVID-eVax, an electroporated DNA vaccine candidate encoding the SARS-CoV-2 RBD, elicits protective responses in animal models. <i>Molecular Therapy</i> , 2021 ,	11.7	14
81	Repositioning T cell polarization from single cytokines to complex help. <i>Nature Immunology</i> , 2021 , 22, 1210-1217	19.1	22
80	Isolation of mouse Kupffer cells for phenotypic and functional studies. <i>STAR Protocols</i> , 2021 , 2, 100831	1.4	0
79	miR-21 sustains CD28 signalling and low-affinity T-cell responses at the expense of self-tolerance. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1321	6.8	0
78	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. <i>Science Immunology</i> , 2021 , eabl9929	28	3

77	Salivary gland macrophages and tissue-resident CD8 T cells cooperate for homeostatic organ surveillance. <i>Science Immunology</i> , 2020 , 5,	28	28
76	Spatiotemporal regulation of type I interferon expression determines the antiviral polarization of CD4 T cells. <i>Nature Immunology</i> , 2020 , 21, 321-330	19.1	30
75	Serum HBsAg clearance has minimal impact on CD8+ T cell responses in mouse models of HBV infection. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	12
74	Immune surveillance of the liver by T cells. <i>Science Immunology</i> , 2020 , 5,	28	20
73	Role of LFA-1 integrin in the control of a lymphocytic choriomeningitis virus (LCMV) infection. <i>Virulence</i> , 2020 , 11, 1640-1655	4.7	
72	Dynamics and genomic landscape of CD8 T cells undergoing hepatic priming. <i>Nature</i> , 2019 , 574, 200-205	50.4	80
71	Phagocytosis-shielded lentiviral vectors improve liver gene therapy in nonhuman primates. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	36
70	The role of type I interferons in CD4 T cell differentiation. <i>Immunology Letters</i> , 2019 , 215, 19-23	4.1	9
69	Defective Platelet Thromboxane A2 Signaling and Serotonin Release in the Pathogenesis of Bleeding during Viral Infection. <i>Blood</i> , 2019 , 134, 1074-1074	2.2	
68	CXCR3 Identifies Human Naive CD8 T Cells with Enhanced Effector Differentiation Potential. <i>Journal of Immunology</i> , 2019 , 203, 3179-3189	5.3	21
67	Tr1 cell immunotherapy promotes transplant tolerance via de novo Tr1 cell induction in mice and is safe and effective during acute viral infection. <i>European Journal of Immunology</i> , 2018 , 48, 1389-1399	6.1	11
66	In vivo imaging of adaptive immune responses to viruses. <i>Current Opinion in Virology</i> , 2018 , 28, 102-107	7.5	5
65	Viral subversion of B cell responses within secondary lymphoid organs. <i>Nature Reviews Immunology</i> , 2018 , 18, 255-265	36.5	14
64	Alum/Toll-Like Receptor 7 Adjuvant Enhances the Expansion of Memory B Cell Compartment Within the Draining Lymph Node. <i>Frontiers in Immunology</i> , 2018 , 9, 641	8.4	15
63	The Rho regulator Myosin IXb enables nonlymphoid tissue seeding of protective CD8 T cells. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1869-1890	16.6	15
62	Antioxidant metabolism regulates CD8+ T memory stem cell formation and antitumor immunity. <i>JCI Insight</i> , 2018 , 3,	9.9	49
61	Intravital Imaging of B Cell Responses in Lymph Nodes. <i>Methods in Molecular Biology</i> , 2018 , 1763, 63-74	1.4	4
60	The conduit system exports locally secreted IgM from lymph nodes. <i>Journal of Experimental Medicine</i> , 2018 , 215, 2972-2983	16.6	16

59	Zika Virus Replication in Dorsal Root Ganglia Explants from Interferon Receptor1 Knockout Mice Causes Myelin Degeneration. <i>Scientific Reports</i> , 2018 , 8, 10166	4.9	11
58	CD8 T Cells Orchestrate pDC-XCR1 Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. <i>Immunity</i> , 2017 , 46, 205-219	32.3	170
57	Effector CD8 T cell-derived interleukin-10 enhances acute liver immunopathology. <i>Journal of Hepatology</i> , 2017 , 67, 543-548	13.4	33
56	Sympathetic neuron-associated macrophages contribute to obesity by importing and metabolizing norepinephrine. <i>Nature Medicine</i> , 2017 , 23, 1309-1318	50.5	218
55	Constitutive resistance to viral infection in human CD141 dendritic cells. <i>Science Immunology</i> , 2017 , 2,	28	62
54	Pathogen-specific B-cell receptors drive chronic lymphocytic leukemia by light-chain-dependent cross-reaction with autoantigens. <i>EMBO Molecular Medicine</i> , 2017 , 9, 1482-1490	12	13
53	Microcirculation in the murine liver: a computational fluid dynamic model based on 3D reconstruction from in vivo microscopy. <i>Journal of Biomechanics</i> , 2017 , 63, 125-134	2.9	8
52	Spatial reconstruction of immune niches by combining photoactivatable reporters and scRNA-seq. <i>Science</i> , 2017 , 358, 1622-1626	33.3	116
51	Migrating Platelets Are Mechano-scavengers that Collect and Bundle Bacteria. <i>Cell</i> , 2017 , 171, 1368-1383	36.23	168
50	Intestinal Flossing Keeps Pathogens at Bay. <i>Developmental Cell</i> , 2017 , 43, 383-384	10.2	2
49	Intravital Microscopy Analysis of Hepatic T Cell Dynamics. <i>Methods in Molecular Biology</i> , 2017 , 1514, 49-61	1.4	6
48	Determinants of hepatic effector CD8 T cell dynamics. <i>Journal of Hepatology</i> , 2017 , 66, 228-233	13.4	17
47	Chronic Stimulation Unveils Autoreactive Potential of Wiskott-Aldrich Syndrome Protein-Deficient B Cells. <i>Frontiers in Immunology</i> , 2017 , 8, 490	8.4	7
46	Extrinsic Protein Tyrosine Phosphatase Non-Receptor 22 Signals Contribute to CD8 T Cell Exhaustion and Promote Persistence of Chronic Lymphocytic Choriomeningitis Virus Infection. <i>Frontiers in Immunology</i> , 2017 , 8, 811	8.4	10
45	Spatiotemporal dynamics of effector CD8+ T cell responses within the liver. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 51-5	6.5	6
44	Platelet-mediated modulation of adaptive immunity. <i>Seminars in Immunology</i> , 2016 , 28, 555-560	10.7	29
43	Hepatitis B Virus Immunopathogenesis. <i>Molecular and Translational Medicine</i> , 2016 , 79-93	0.4	
42	Inflammatory monocytes hinder antiviral B cell responses. <i>Science Immunology</i> , 2016 , 1,	28	60

41	Protective and Pathogenic T Cell Responses to Virus Infections 2016 , 318-323		
40	IFN γ gene/cell therapy curbs colorectal cancer colonization of the liver by acting on the hepatic microenvironment. <i>EMBO Molecular Medicine</i> , 2016 , 8, 155-70	12	19
39	Immunosurveillance of the liver by intravascular effector CD8(+) T cells. <i>Cell</i> , 2015 , 161, 486-500	56.2	194
38	Mouse Models of Hepatitis B Virus Pathogenesis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015 , 5,	5.4	15
37	Hepatic effector CD8(+) T-cell dynamics. <i>Cellular and Molecular Immunology</i> , 2015 , 12, 269-72	15.4	10
36	A luminescent poly(amidoamine)-iridium complex as a new singlet-oxygen sensitizer for photodynamic therapy. <i>Inorganic Chemistry</i> , 2015 , 54, 544-53	5.1	65
35	PTPN22 controls virally-induced autoimmune diabetes by modulating cytotoxic T lymphocyte responses in an epitope-specific manner. <i>Clinical Immunology</i> , 2015 , 156, 98-108	9	7
34	In vivo flow mapping in complex vessel networks by single image correlation. <i>Scientific Reports</i> , 2014 , 4, 7341	4.9	18
33	The role of lymph node sinus macrophages in host defense. <i>Annals of the New York Academy of Sciences</i> , 2014 , 1319, 38-46	6.5	52
32	Adjuvant-carrying synthetic vaccine particles augment the immune response to encapsulated antigen and exhibit strong local immune activation without inducing systemic cytokine release. <i>Vaccine</i> , 2014 , 32, 2882-95	4.1	124
31	Anti-platelet therapy in the prevention of hepatitis B virus-associated hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2013 , 59, 1135-8	13.4	62
30	Antigen availability determines CD8+ T cell-dendritic cell interaction kinetics and memory fate decisions. <i>Immunity</i> , 2013 , 39, 496-507	32.3	99
29	Bisphosphonates target B cells to enhance humoral immune responses. <i>Cell Reports</i> , 2013 , 5, 323-30	10.6	25
28	Effector CD8 T cell trafficking within the liver. <i>Molecular Immunology</i> , 2013 , 55, 94-9	4.3	24
27	Chemokine guidance of central memory T cells is critical for antiviral recall responses in lymph nodes. <i>Cell</i> , 2012 , 150, 1249-63	56.2	165
26	B cell maintenance of subcapsular sinus macrophages protects against a fatal viral infection independent of adaptive immunity. <i>Immunity</i> , 2012 , 36, 415-26	32.3	109
25	Follicular helper NKT cells induce limited B cell responses and germinal center formation in the absence of CD4(+) T cell help. <i>Journal of Immunology</i> , 2012 , 188, 3217-22	5.3	78
24	Antiplatelet therapy prevents hepatocellular carcinoma and improves survival in a mouse model of chronic hepatitis B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2165-72	11.5	225

23	Systematic discovery of TLR signaling components delineates viral-sensing circuits. <i>Cell</i> , 2011 , 147, 853-67.2	57.2	148
22	Kupffer cells hasten resolution of liver immunopathology in mouse models of viral hepatitis. <i>PLoS Pathogens</i> , 2011 , 7, e1002061	7.6	88
21	Subcapsular sinus macrophages prevent CNS invasion on peripheral infection with a neurotropic virus. <i>Nature</i> , 2010 , 465, 1079-83	50.4	241
20	On the role of platelets in the pathogenesis of viral hepatitis. <i>Journal of Hepatology</i> , 2009 , 51, 599-600	13.4	11
19	Platelets prevent IFN-alpha/beta-induced lethal hemorrhage promoting CTL-dependent clearance of lymphocytic choriomeningitis virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 629-34	11.5	101
18	Subcapsular sinus macrophages in lymph nodes clear lymph-borne viruses and present them to antiviral B cells. <i>Nature</i> , 2007 , 450, 110-4	50.4	618
17	Antiplatelet drug therapy moderates immune-mediated liver disease and inhibits viral clearance in mice infected with a replication-deficient adenovirus. <i>Vaccine Journal</i> , 2007 , 14, 1532-5		48
16	Treatment with HMGB1 inhibitors diminishes CTL-induced liver disease in HBV transgenic mice. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 100-7	6.5	106
15	HBV pathogenesis in animal models: recent advances on the role of platelets. <i>Journal of Hepatology</i> , 2007 , 46, 719-26	13.4	75
14	Acute thrombocytopenia after liver transplant: role of platelet activation, thrombopoietin deficiency and response to high dose intravenous IgG treatment. <i>Journal of Hepatology</i> , 2007 , 47, 651-7	13.4	18
13	Pathogenetic and antiviral immune responses against hepatitis B virus. <i>Future Virology</i> , 2006 , 1, 189-196.2.4		13
12	Platelets Mediate Clearance of Lymphocytic Choriomeningitis Virus Infection Preventing Lethal Hemorrhage.. <i>Blood</i> , 2006 , 108, 1089-1089	2.2	
11	Pathogenesis of Hepatitis B Virus in Transgenic Mice 2005 , 25, 25-32		1
10	Platelets mediate cytotoxic T lymphocyte-induced liver damage. <i>Nature Medicine</i> , 2005 , 11, 1167-9	50.5	262
9	HMGB1 is an endogenous immune adjuvant released by necrotic cells. <i>EMBO Reports</i> , 2004 , 5, 825-30	6.5	504
8	MMPs are required for recruitment of antigen-nonspecific mononuclear cells into the liver by CTLs. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1158-1167	15.9	97
7	MMPs are required for recruitment of antigen-nonspecific mononuclear cells into the liver by CTLs. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1158-67	15.9	50
6	The disposal of dying cells in living tissues. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2002 , 7, 153-61	5.4	26

5	Reduced expression of the murine p85 β subunit of phosphoinositide 3-kinase improves insulin signaling and ameliorates diabetes. <i>Journal of Clinical Investigation</i> , 2002 , 109, 141-149	15.9	172
4	Reduced expression of the murine p85 α subunit of phosphoinositide 3-kinase improves insulin signaling and ameliorates diabetes. <i>Journal of Clinical Investigation</i> , 2002 , 109, 141-9	15.9	100
3	COVID-eVax, an electroporated plasmid DNA vaccine candidate encoding the SARS-CoV-2 Receptor Binding Domain, elicits protective immune responses in animal models of COVID-19		1
2	Thrombocytopenia and splenic platelet directed immune responses after intravenous ChAdOx1 nCov-19 administration		4
1	Controlled administration of aerosolized SARS-CoV-2 to K18-hACE2 transgenic mice uncouples respiratory infection and anosmia from fatal neuroinvasion		1