

Luca G Guidotti

List of Publications by Year in descending order

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82
papers

11,170
citations

31976

53
h-index

64796

79
g-index

85
all docs

85
docs citations

85
times ranked

10541
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular Inactivation of the Hepatitis B Virus by Cytotoxic T Lymphocytes. <i>Immunity</i> , 1996, 4, 25-36.	14.3	1,065
2	Noncytolytic Control of Viral Infections by the Innate and Adaptive Immune Response. <i>Annual Review of Immunology</i> , 2001, 19, 65-91.	21.8	896
3	IMMUNOBIOLOGY AND PATHOGENESIS OF VIRAL HEPATITIS. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2006, 1, 23-61.	22.4	669
4	Natural Killer T Cell Activation Inhibits Hepatitis B Virus Replication in Vivo. <i>Journal of Experimental Medicine</i> , 2000, 192, 921-930.	8.5	560
5	Immune Pathogenesis of Hepatocellular Carcinoma. <i>Journal of Experimental Medicine</i> , 1998, 188, 341-350.	8.5	354
6	A global scientific strategy to cure hepatitis B. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 545-558.	8.1	342
7	Platelets mediate cytotoxic T lymphocyte-induced liver damage. <i>Nature Medicine</i> , 2005, 11, 1167-1169.	30.7	311
8	Subcapsular sinus macrophages prevent CNS invasion on peripheral infection with a neurotropic virus. <i>Nature</i> , 2010, 465, 1079-1083.	27.8	309
9	Immunosurveillance of the Liver by Intravascular Effector CD8 + T Cells. <i>Cell</i> , 2015, 161, 486-500.	28.9	271
10	Tumor-Targeted Interferon- β Delivery by Tie2-Expressing Monocytes Inhibits Tumor Growth and Metastasis. <i>Cancer Cell</i> , 2008, 14, 299-311.	16.8	267
11	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.	7.1	267
12	To kill or to cure: options in host defense against viral infection. <i>Current Opinion in Immunology</i> , 1996, 8, 478-483.	5.5	257
13	Relative Sensitivity of Hepatitis B Virus and Other Hepatotropic Viruses to the Antiviral Effects of Cytokines. <i>Journal of Virology</i> , 2000, 74, 2255-2264.	3.4	238
14	Intrahepatic Induction of Alpha/Beta Interferon Eliminates Viral RNA-Containing Capsids in Hepatitis B Virus Transgenic Mice. <i>Journal of Virology</i> , 2000, 74, 4165-4173.	3.4	226
15	Blocking Chemokine Responsive to β 2/Interferon (IFN)- β Inducible Protein and Monokine Induced by IFN- β Activity In Vivo Reduces the Pathogenetic but not the Antiviral Potential of Hepatitis B Virus-specific Cytotoxic T Lymphocytes. <i>Journal of Experimental Medicine</i> , 2001, 194, 1755-1766.	8.5	225
16	A function of the hepatitis B virus precore protein is to regulate the immune response to the core antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14913-14918.	7.1	219
17	Immunobiology and pathogenesis of hepatitis B virus infection. <i>Nature Reviews Immunology</i> , 2022, 22, 19-32.	22.7	199
18	Immune Tolerance Split between Hepatitis B Virus Precore and Core Proteins. <i>Journal of Virology</i> , 2005, 79, 3016-3027.	3.4	194

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19	Gene expression during the priming phase of liver regeneration after partial hepatectomy in mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11181-11186.	7.1	183
20	In vivo administration of lentiviral vectors triggers a type I interferon response that restricts hepatocyte gene transfer and promotes vector clearance. Blood, 2007, 109, 2797-2805.	1.4	168
21	Interleukin-18 Inhibits Hepatitis B Virus Replication in the Livers of Transgenic Mice. Journal of Virology, 2002, 76, 10702-10707.	3.4	166
22	Noncytopathic Clearance of Lymphocytic Choriomeningitis Virus from the Hepatocyte. Journal of Experimental Medicine, 1999, 189, 1555-1564.	8.5	141
23	Inhibition of Hepatitis B Virus Replication during Adenovirus and Cytomegalovirus Infections in Transgenic Mice. Journal of Virology, 1998, 72, 2630-2637.	3.4	138
24	Dynamics and genomic landscape of CD8+ T cells undergoing hepatic priming. Nature, 2019, 574, 200-205.	27.8	135
25	Host-virus interactions in hepatitis B virus infection. Current Opinion in Immunology, 2015, 36, 61-66.	5.5	133
26	Cytokine-Mediated Control of Viral Infections. Virology, 2000, 273, 221-227.	2.4	123
27	Treatment with HMGB1 inhibitors diminishes CTL-induced liver disease in HBV transgenic mice. Journal of Leukocyte Biology, 2007, 81, 100-107.	3.3	120
28	Platelets prevent IFN- α /IFN- β -induced lethal hemorrhage promoting CTL-dependent clearance of lymphocytic choriomeningitis virus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 629-634.	7.1	119
29	Nitric Oxide Inhibits Hepatitis B Virus Replication in the Livers of Transgenic Mice. Journal of Experimental Medicine, 2000, 191, 1247-1252.	8.5	117
30	The optimization of helper T lymphocyte (HTL) function in vaccine development. Immunologic Research, 1998, 18, 79-92.	2.9	115
31	Interferon-Regulated Pathways That Control Hepatitis B Virus Replication in Transgenic Mice. Journal of Virology, 2002, 76, 2617-2621.	3.4	112
32	Depletion of neutrophils blocks the recruitment of antigen-nonspecific cells into the liver without affecting the antiviral activity of hepatitis B virus-specific cytotoxic T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13717-13722.	7.1	110
33	Activated Intrahepatic Antigen-Presenting Cells Inhibit Hepatitis B Virus Replication in the Liver of Transgenic Mice. Journal of Immunology, 2002, 169, 5188-5195.	0.8	109
34	Searching for Interferon-Induced Genes That Inhibit Hepatitis B Virus Replication in Transgenic Mouse Hepatocytes. Journal of Virology, 2003, 77, 1227-1236.	3.4	108
35	MMPs are required for recruitment of antigen-nonspecific mononuclear cells into the liver by CTLs. Journal of Clinical Investigation, 2004, 113, 1158-1167.	8.2	106
36	Nuclear Covalently Closed Circular Viral Genomic DNA in the Liver of Hepatocyte Nuclear Factor 1 α -Null Hepatitis B Virus Transgenic Mice. Journal of Virology, 2001, 75, 2900-2911.	3.4	103

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37	Cutting Edge: Inhibition of Hepatitis B Virus Replication by Activated NK T Cells Does Not Require Inflammatory Cell Recruitment to the Liver. <i>Journal of Immunology</i> , 2001, 167, 6701-6705.	0.8	102
38	Kupffer Cells Hasten Resolution of Liver Immunopathology in Mouse Models of Viral Hepatitis. <i>PLoS Pathogens</i> , 2011, 7, e1002061.	4.7	96
39	Inflammatory monocytes hinder antiviral B cell responses. <i>Science Immunology</i> , 2016, 1, .	11.9	93
40	Hepatitis B Virus RNA-Binding Proteins Associated with Cytokine-Induced Clearance of Viral RNA from the Liver of Transgenic Mice. <i>Journal of Virology</i> , 1999, 73, 474-481.	3.4	91
41	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, 3217-3222.	0.8	90
42	HBV pathogenesis in animal models: Recent advances on the role of platelets. <i>Journal of Hepatology</i> , 2007, 46, 719-726.	3.7	84
43	Anti-platelet therapy in the prevention of hepatitis B virus-associated hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2013, 59, 1135-1138.	3.7	82
44	Nkx2-5+Islet1+ Mesenchymal Precursors Generate Distinct Spleen Stromal Cell Subsets and Participate in Restoring Stromal Network Integrity. <i>Immunity</i> , 2013, 38, 782-791.	14.3	82
45	La Autoantigen Specifically Recognizes a Predicted Stem-Loop in Hepatitis B Virus RNA. <i>Journal of Virology</i> , 1999, 73, 5767-5776.	3.4	79
46	Cytokine-induced viral purging " role in viral pathogenesis. <i>Current Opinion in Microbiology</i> , 1999, 2, 388-391.	5.1	73
47	Overcoming T Cell Tolerance to the Hepatitis B Virus Surface Antigen in Hepatitis B Virus-Transgenic Mice. <i>Journal of Immunology</i> , 2001, 166, 1389-1397.	0.8	73
48	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.	14.3	73
49	Bone marrow as an alternative site for islet transplantation. <i>Blood</i> , 2009, 114, 4566-4574.	1.4	72
50	Role of CCL2/MCP-1 in Islet Transplantation. <i>Cell Transplantation</i> , 2010, 19, 1031-1046.	2.5	69
51	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.	8.2	63
52	Host-Virus Interactions during Malaria Infection in Hepatitis B Virus Transgenic Mice. <i>Journal of Experimental Medicine</i> , 2000, 192, 529-536.	8.5	61
53	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. <i>Science Immunology</i> , 2022, 7, .	11.9	61
54	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, 1532-1535.	3.1	56

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55	COVID-eVax, an electroporated DNA vaccine candidate encoding the SARS-CoV-2 RBD, elicits protective responses in animal models. <i>Molecular Therapy</i> , 2022, 30, 311-326.	8.2	54
56	Characterization of Nuclear RNases That Cleave Hepatitis B Virus RNA near the La Protein Binding Site. <i>Journal of Virology</i> , 2001, 75, 6874-6883.	3.4	53
57	In Vivo Regulation of Hepatitis B Virus Replication by Peroxisome Proliferators. <i>Journal of Virology</i> , 1999, 73, 10377-10386.	3.4	51
58	Effector CD8+ T cell-derived interleukin-10 enhances acute liver immunopathology. <i>Journal of Hepatology</i> , 2017, 67, 543-548.	3.7	48
59	The role of cytotoxic T cells and cytokines in the control of hepatitis B virus infection. <i>Vaccine</i> , 2002, 20, A80-A82.	3.8	47
60	Inhibition of Hepatitis B Virus Replication during <i>Schistosoma mansoni</i> Infection in Transgenic Mice. <i>Journal of Experimental Medicine</i> , 2000, 192, 289-294.	8.5	39
61	Bisphosphonates Target B Cells to Enhance Humoral Immune Responses. <i>Cell Reports</i> , 2013, 5, 323-330.	6.4	39
62	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, .	8.5	31
63	Effector CD8 T cell trafficking within the liver. <i>Molecular Immunology</i> , 2013, 55, 94-99.	2.2	29
64	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, 155-170.	6.9	29
65	Mouse Models of Hepatitis B Virus Pathogenesis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a021477.	6.2	23
66	In Vivo Flow Mapping in Complex Vessel Networks by Single Image Correlation. <i>Scientific Reports</i> , 2014, 4, 7341.	3.3	21
67	Group 1 ILCs regulate T cell-mediated liver immunopathology by controlling local IL-2 availability. <i>Science Immunology</i> , 2022, 7, eabi6112.	11.9	18
68	Pathogenetic and antiviral immune responses against hepatitis B virus. <i>Future Virology</i> , 2006, 1, 189-196.	1.8	17
69	On the role of platelets in the pathogenesis of viral hepatitis. <i>Journal of Hepatology</i> , 2009, 51, 599-600.	3.7	16
70	Thymic Tolerance to Only One Viral Protein Reduces Lymphocytic Choriomeningitis Virus-Induced Immunopathology and Increases Survival in Perforin-Deficient Mice. <i>Journal of Virology</i> , 1999, 73, 5918-5925.	3.4	16
71	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.	6.9	15
72	Naive HIV/HCV-Coinfected Patients Have Higher Intrahepatic Pro-Inflammatory Cytokines than Coinfected Patients Treated with Antiretroviral Therapy. <i>Antiviral Therapy</i> , 2006, 11, 385-389.	1.0	13

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73	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.	2.1	12
74	The COP9 signalosome is a repressor of replicative stress responses and polyploidization in the regenerating liver. <i>Hepatology</i> , 2014, 59, 2331-2343.	7.3	6
75	Immunological insights in the treatment of chronic hepatitis B. <i>Current Opinion in Immunology</i> , 2022, 77, 102207.	5.5	5
76	Developing a cure for chronic hepatitis B requires a fresh approach. <i>Nature</i> , 2022, 603, S49-S49.	27.8	3
77	Low-dose aspirin reduces the risk of HBV-associated HCC even when administered short-term: Too good to be true?. <i>Hepatology</i> , 2022, 76, 300-302.	7.3	2
78	Arenaviral infection causes bleeding in mice due to reduced serotonin release from platelets. <i>Science Signaling</i> , 2022, 15, eabb0384.	3.6	2
79	Pathogenesis of Hepatitis B Virus in Transgenic Mice. , 2005, 25, 25-32.		1
80	Is It Time to Recommend Low-Dose Aspirin Treatment for the Prevention of Hepatocellular Carcinoma?. <i>Gastroenterology</i> , 2020, 159, 1988-1990.	1.3	1
81	Protective and Pathogenic T Cell Responses to Virus Infections. , 2016, , 318-323.		1
82	Hepatitis B Virus Immunopathogenesis. <i>Molecular and Translational Medicine</i> , 2016, , 79-93.	0.4	0