

# Luca G Guidotti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11701488/publications.pdf>

Version: 2024-02-01

82  
papers

11,170  
citations

31902

53  
h-index

64668

79  
g-index

85  
all docs

85  
docs citations

85  
times ranked

10541  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Immunobiology and pathogenesis of hepatitis B virus infection. <i>Nature Reviews Immunology</i> , 2022, 22, 19-32.  | 10.6 | 199       |
| 2  | 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.         | 3.7  | 54        |
| 3  | Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. <i>Science Immunology</i> , 2022, 7, .                           | 5.6  | 61        |
| 4  | Group 1 ILCs regulate T cell-mediated liver immunopathology by controlling local IL-2 availability. <i>Science Immunology</i> , 2022, 7, eabi6112.                                    | 5.6  | 18        |
| 5  | 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.                               | 3.6  | 2         |
| 6  | Developing a cure for chronic hepatitis B requires a fresh approach. <i>Nature</i> , 2022, 603, S49-S49.  | 13.7 | 3         |
| 7  | Arenaviral infection causes bleeding in mice due to reduced serotonin release from platelets. <i>Science Signaling</i> , 2022, 15, eabb0384.  | 1.6  | 2         |
| 8  | Immunological insights in the treatment of chronic hepatitis B. <i>Current Opinion in Immunology</i> , 2022, 77, 102207.  | 2.4  | 5         |
| 9  | 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.                      | 6.6  | 73        |
| 10 | 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, .                            | 4.2  | 31        |
| 11 | Is It Time to Recommend Low-Dose Aspirin Treatment for the Prevention of Hepatocellular Carcinoma?. <i>Gastroenterology</i> , 2020, 159, 1988-1990.                                   | 0.6  | 1         |
| 12 | Dynamics and genomic landscape of CD8+ T cells undergoing hepatic priming. <i>Nature</i> , 2019, 574, 200-205.  | 13.7 | 135       |
| 13 | A global scientific strategy to cure hepatitis B. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 545-558.   | 3.7  | 342       |
| 14 | Effector CD8+ T cell-derived interleukin-10 enhances acute liver immunopathology. <i>Journal of Hepatology</i> , 2017, 67, 543-548.   | 1.8  | 48        |
| 15 | 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. | 3.3  | 15        |
| 16 | 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.     | 0.9  | 12        |
| 17 | IFN- $\gamma$ 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.       | 3.3  | 29        |
| 18 | Hepatitis B Virus Immunopathogenesis. <i>Molecular and Translational Medicine</i> , 2016, , 79-93.  | 0.4  | 0         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Inflammatory monocytes hinder antiviral B cell responses. <i>Science Immunology</i> , 2016, 1, .  | 5.6  | 93        |
| 20 | Protective and Pathogenic T Cell Responses to Virus Infections. , 2016, , 318-323.  |      | 1         |
| 21 | Host-virus interactions in hepatitis B virus infection. <i>Current Opinion in Immunology</i> , 2015, 36, 61-66.   | 2.4  | 133       |
| 22 | Immunosurveillance of the Liver by Intravascular Effector CD8 + T Cells. <i>Cell</i> , 2015, 161, 486-500.  | 13.5 | 271       |
| 23 | Mouse Models of Hepatitis B Virus Pathogenesis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a021477.  | 2.9  | 23        |
| 24 | The COP9 signalosome is a repressor of replicative stress responses and polyploidization in the regenerating liver. <i>Hepatology</i> , 2014, 59, 2331-2343.  | 3.6  | 6         |
| 25 | In Vivo Flow Mapping in Complex Vessel Networks by Single Image Correlation. <i>Scientific Reports</i> , 2014, 4, 7341.   | 1.6  | 21        |
| 26 | Anti-platelet therapy in the prevention of hepatitis B virus-associated hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2013, 59, 1135-1138.   | 1.8  | 82        |
| 27 | Bisphosphonates Target B Cells to Enhance Humoral Immune Responses. <i>Cell Reports</i> , 2013, 5, 323-330.   | 2.9  | 39        |
| 28 | Effector CD8 T cell trafficking within the liver. <i>Molecular Immunology</i> , 2013, 55, 94-99.  | 1.0  | 29        |
| 29 | 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.  | 6.6  | 82        |
| 30 | 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. | 3.3  | 267       |
| 31 | 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.  | 0.4  | 90        |
| 32 | Kupffer Cells Hasten Resolution of Liver Immunopathology in Mouse Models of Viral Hepatitis. <i>PLoS Pathogens</i> , 2011, 7, e1002061.   | 2.1  | 96        |
| 33 | Role of CCL2/MCP-1 in Islet Transplantation. <i>Cell Transplantation</i> , 2010, 19, 1031-1046.   | 1.2  | 69        |
| 34 | Subcapsular sinus macrophages prevent CNS invasion on peripheral infection with a neurotropic virus. <i>Nature</i> , 2010, 465, 1079-1083.  | 13.7 | 309       |
| 35 | On the role of platelets in the pathogenesis of viral hepatitis. <i>Journal of Hepatology</i> , 2009, 51, 599-600.  | 1.8  | 16        |
| 36 | Bone marrow as an alternative site for islet transplantation. <i>Blood</i> , 2009, 114, 4566-4574.  | 0.6  | 72        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | Tumor-Targeted Interferon- $\beta$ Delivery by Tie2-Expressing Monocytes Inhibits Tumor Growth and Metastasis. <i>Cancer Cell</i> , 2008, 14, 299-311.  | 7.7  | 267       |
| 38 | Platelets prevent IFN- $\beta$ /IFN- $\gamma$ -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, 629-634.  | 3.3  | 119       |
| 39 | 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.  | 3.2  | 56        |
| 40 | Treatment with HMGB1 inhibitors diminishes CTL-induced liver disease in HBV transgenic mice. <i>Journal of Leukocyte Biology</i> , 2007, 81, 100-107.   | 1.5  | 120       |
| 41 | In vivo administration of lentiviral vectors triggers a type I interferon response that restricts hepatocyte gene transfer and promotes vector clearance. <i>Blood</i> , 2007, 109, 2797-2805.  | 0.6  | 168       |
| 42 | HBV pathogenesis in animal models: Recent advances on the role of platelets. <i>Journal of Hepatology</i> , 2007, 46, 719-726.  | 1.8  | 84        |
| 43 | IMMUNOBIOLOGY AND PATHOGENESIS OF VIRAL HEPATITIS. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2006, 1, 23-61.   | 9.6  | 669       |
| 44 | Pathogenetic and antiviral immune responses against hepatitis B virus. <i>Future Virology</i> , 2006, 1, 189-196.   | 0.9  | 17        |
| 45 | 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.   | 0.6  | 13        |
| 46 | Pathogenesis of Hepatitis B Virus in Transgenic Mice. , 2005, 25, 25-32.  |      | 1         |
| 47 | Platelets mediate cytotoxic T lymphocyte-induced liver damage. <i>Nature Medicine</i> , 2005, 11, 1167-1169.  | 15.2 | 311       |
| 48 | Immune Tolerance Split between Hepatitis B Virus Precore and Core Proteins. <i>Journal of Virology</i> , 2005, 79, 3016-3027.   | 1.5  | 194       |
| 49 | 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.  | 3.3  | 219       |
| 50 | 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.   | 3.9  | 106       |
| 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.   | 3.9  | 63        |
| 52 | Searching for Interferon-Induced Genes That Inhibit Hepatitis B Virus Replication in Transgenic Mouse Hepatocytes. <i>Journal of Virology</i> , 2003, 77, 1227-1236.  | 1.5  | 108       |
| 53 | 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13717-13722. | 3.3  | 110       |
| 54 | Gene expression during the priming phase of liver regeneration after partial hepatectomy in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11181-11186.   | 3.3  | 183       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | Interleukin-18 Inhibits Hepatitis B Virus Replication in the Livers of Transgenic Mice. <i>Journal of Virology</i> , 2002, 76, 10702-10707.   | 1.5 | 166       |
| 56 | Activated Intrahepatic Antigen-Presenting Cells Inhibit Hepatitis B Virus Replication in the Liver of Transgenic Mice. <i>Journal of Immunology</i> , 2002, 169, 5188-5195.   | 0.4 | 109       |
| 57 | Interferon-Regulated Pathways That Control Hepatitis B Virus Replication in Transgenic Mice. <i>Journal of Virology</i> , 2002, 76, 2617-2621.  | 1.5 | 112       |
| 58 | The role of cytotoxic T cells and cytokines in the control of hepatitis B virus infection. <i>Vaccine</i> , 2002, 20, A80-A82.  | 1.7 | 47        |
| 59 | NONCYTOLYTIC CONTROL OF VIRAL INFECTIONS BY THE INNATE AND ADAPTIVE IMMUNE RESPONSE. <i>Annual Review of Immunology</i> , 2001, 19, 65-91.  | 9.5 | 896       |
| 60 | 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.  | 1.5 | 53        |
| 61 | Blocking Chemokine Responsive to $\beta$ 2-Interferon (IFN- $\beta$ ) Inducible Protein and Monokine Induced by IFN- $\beta$ 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. | 4.2 | 225       |
| 62 | 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.   | 0.4 | 73        |
| 63 | Nuclear Covalently Closed Circular Viral Genomic DNA in the Liver of Hepatocyte Nuclear Factor 1 $\alpha$ -Null Hepatitis B Virus Transgenic Mice. <i>Journal of Virology</i> , 2001, 75, 2900-2911.  | 1.5 | 103       |
| 64 | 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.   | 0.4 | 102       |
| 65 | Cytokine-Mediated Control of Viral Infections. <i>Virology</i> , 2000, 273, 221-227.  | 1.1 | 123       |
| 66 | 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.   | 4.2 | 39        |
| 67 | Host-Virus Interactions during Malaria Infection in Hepatitis B Virus Transgenic Mice. <i>Journal of Experimental Medicine</i> , 2000, 192, 529-536.  | 4.2 | 61        |
| 68 | Natural Killer T Cell Activation Inhibits Hepatitis B Virus Replication in Vivo. <i>Journal of Experimental Medicine</i> , 2000, 192, 921-930.  | 4.2 | 560       |
| 69 | Nitric Oxide Inhibits Hepatitis B Virus Replication in the Livers of Transgenic Mice. <i>Journal of Experimental Medicine</i> , 2000, 191, 1247-1252.   | 4.2 | 117       |
| 70 | 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.   | 1.5 | 238       |
| 71 | 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.   | 1.5 | 226       |
| 72 | La Autoantigen Specifically Recognizes a Predicted Stem-Loop in Hepatitis B Virus RNA. <i>Journal of Virology</i> , 1999, 73, 5767-5776.  | 1.5 | 79        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Noncytopathic Clearance of Lymphocytic Choriomeningitis Virus from the Hepatocyte. <i>Journal of Experimental Medicine</i> , 1999, 189, 1555-1564.   | 4.2 | 141       |
| 74 | Cytokine-induced viral purging – role in viral pathogenesis. <i>Current Opinion in Microbiology</i> , 1999, 2, 388-391.  | 2.3 | 73        |
| 75 | 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.                                  | 1.5 | 91        |
| 76 | In Vivo Regulation of Hepatitis B Virus Replication by Peroxisome Proliferators. <i>Journal of Virology</i> , 1999, 73, 10377-10386.   | 1.5 | 51        |
| 77 | 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. | 1.5 | 16        |
| 78 | The optimization of helper T lymphocyte (HTL) function in vaccine development. <i>Immunologic Research</i> , 1998, 18, 79-92.  | 1.3 | 115       |
| 79 | Immune Pathogenesis of Hepatocellular Carcinoma. <i>Journal of Experimental Medicine</i> , 1998, 188, 341-350.   | 4.2 | 354       |
| 80 | Inhibition of Hepatitis B Virus Replication during Adenovirus and Cytomegalovirus Infections in Transgenic Mice. <i>Journal of Virology</i> , 1998, 72, 2630-2637.   | 1.5 | 138       |
| 81 | Intracellular Inactivation of the Hepatitis B Virus by Cytotoxic T Lymphocytes. <i>Immunity</i> , 1996, 4, 25-36.  | 6.6 | 1,065     |
| 82 | To kill or to cure: options in host defense against viral infection. <i>Current Opinion in Immunology</i> , 1996, 8, 478-483.  | 2.4 | 257       |