

# Giorgio Gribaudo

## List of Publications by Year in descending order

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72  
papers

2,513  
citations

172457

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h-index

254184

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73  
all docs

73  
docs citations

73  
times ranked

3167  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The human cytomegalovirus. , 2003, 98, 269-297.  |     | 257       |
| 2  | The Intracellular DNA Sensor IFI16 Gene Acts as Restriction Factor for Human Cytomegalovirus Replication. PLoS Pathogens, 2012, 8, e1002498.   | 4.7 | 204       |
| 3  | The Irf 200 genes: An emerging family of IFN-inducible genes. Biochimie, 1998, 80, 721-728.  | 2.6 | 93        |
| 4  | Inhibition of Herpes Simplex Virus Type 1 and Type 2 Infections by Peptide-Derivatized Dendrimers. Antimicrobial Agents and Chemotherapy, 2011, 55, 3231-3239.   | 3.2 | 75        |
| 5  | Interferons Inhibit Onset of Murine Cytomegalovirus Immediate-Early Gene Transcription. Virology, 1993, 197, 303-311.  | 2.4 | 73        |
| 6  | Peptide-derivatized dendrimers inhibit human cytomegalovirus infection by blocking virus binding to cell surface heparan sulfate. Antiviral Research, 2010, 85, 532-540.   | 4.1 | 68        |
| 7  | The retinoblastoma protein is an essential mediator that links the interferon-inducible 204 gene to cell-cycle regulation. Oncogene, 2000, 19, 3598-3608.  | 5.9 | 63        |
| 8  | A Novel Role of the Interferon-inducible Protein IFI16 as Inducer of Proinflammatory Molecules in Endothelial Cells. Journal of Biological Chemistry, 2007, 282, 33515-33529.  | 3.4 | 62        |
| 9  | Interferon- $\beta$ is not an antiviral, but a growth-promoting factor for T lymphocytes. European Journal of Immunology, 1988, 18, 503-510.   | 2.9 | 59        |
| 10 | Mechanisms of viral inhibition by interferons. , 1995, 65, 415-442.  |     | 57        |
| 11 | Interplay between Human Cytomegalovirus and Intrinsic/Innate Host Responses: A Complex Bidirectional Relationship. Mediators of Inflammation, 2012, 2012, 1-16.  | 3.0 | 55        |
| 12 | Marine Fungi from the Sponge <i>Grantia compressa</i> : Biodiversity, Chemodiversity, and Biotechnological Potential. Marine Drugs, 2019, 17, 220.   | 4.6 | 54        |
| 13 | Up-regulation of the interferon-inducible IFI16 gene by oxidative stress triggers p53 transcriptional activity in endothelial cells. Journal of Leukocyte Biology, 2005, 77, 820-829.  | 3.3 | 52        |
| 14 | Interferon- $\alpha$ Inhibits the Murine Cytomegalovirus Immediate-Early Gene Expression by Down-Regulating NF- $\kappa$ B Activity. Virology, 1995, 211, 251-260.   | 2.4 | 48        |
| 15 | Murine Cytomegalovirus Stimulates Cellular Thymidylate Synthase Gene Expression in Quiescent Cells and Requires the Enzyme for Replication. Journal of Virology, 2000, 74, 4979-4987.  | 3.4 | 45        |
| 16 | Activation of the virus-induced IKK/NF- $\kappa$ B signalling axis is critical for the replication of human cytomegalovirus in quiescent cells. Cellular Microbiology, 2007, 9, 2040-2054.   | 2.1 | 44        |
| 17 | Targeting the NF- $\kappa$ B pathway through pharmacological inhibition of IKK2 prevents human cytomegalovirus replication and virus-induced inflammatory response in infected endothelial cells. Antiviral Research, 2007, 73, 175-184. | 4.1 | 41        |
| 18 | Expression of an Altered Ribonucleotide Reductase Activity Associated with the Replication of Murine Cytomegalovirus in Quiescent Fibroblasts. Journal of Virology, 2000, 74, 11557-11565.   | 3.4 | 40        |

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|----|---|-----|-----------|
| 19 | Human Cytomegalovirus Stimulates Cellular IKK2 Activity and Requires the Enzyme for Productive Replication. <i>Journal of Virology</i> , 2004, 78, 3190-3195.   | 3.4 | 40        |
| 20 | The Cranberry Extract Oximacro <sup>®</sup> Exerts in vitro Virucidal Activity Against Influenza Virus by Interfering With Hemagglutinin. <i>Frontiers in Microbiology</i> , 2018, 9, 1826.   | 3.5 | 40        |
| 21 | Human cytomegalovirus productively infects lymphatic endothelial cells and induces a secretome that promotes angiogenesis and lymphangiogenesis through interleukin-6 and granulocyte-macrophage colony-stimulating factor. <i>Journal of General Virology</i> , 2011, 92, 650-660. | 2.9 | 39        |
| 22 | Phosphorothioate-Modified Oligodeoxynucleotides Inhibit Human Cytomegalovirus Replication by Blocking Virus Entry. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1111-1120.  | 3.2 | 38        |
| 23 | The isoquinoline alkaloid berberine inhibits human cytomegalovirus replication by interfering with the viral Immediate Early-2 (IE2) protein transactivating activity.. <i>Antiviral Research</i> , 2019, 164, 52-60.   | 4.1 | 38        |
| 24 | The oxygenase component of phenol hydroxylase from <i>Acinetobacter radioresistens</i> S13. <i>FEBS Journal</i> , 2003, 270, 2244-2253.   | 0.2 | 37        |
| 25 | Human cytomegalovirus escapes immune recognition by NK cells through the downregulation of B7-H6 by the viral genes US18 and US20. <i>Scientific Reports</i> , 2017, 7, 8661.   | 3.3 | 37        |
| 26 | Human cytomegalovirus infection induces cellular thymidylate synthase gene expression in quiescent fibroblasts. <i>Journal of General Virology</i> , 2002, 83, 2983-2993.   | 2.9 | 36        |
| 27 | The antiproliferative activity of the murine interferon-inducible I $\beta$ 200 proteins depends on the presence of two 200 amino acid domains. <i>FEBS Letters</i> , 1999, 456, 31-36.   | 2.8 | 33        |
| 28 | Cloning and characterization of two catechol 1,2-dioxygenase genes from <i>Acinetobacter radioresistens</i> S13. <i>Research in Microbiology</i> , 2002, 153, 69-74.  | 2.1 | 32        |
| 29 | Drug Repurposing Approach Identifies Inhibitors of the Prototypic Viral Transcription Factor IE2 that Block Human Cytomegalovirus Replication. <i>Cell Chemical Biology</i> , 2016, 23, 340-351.  | 5.2 | 32        |
| 30 | The US16 Gene of Human Cytomegalovirus Is Required for Efficient Viral Infection of Endothelial and Epithelial Cells. <i>Journal of Virology</i> , 2012, 86, 6875-6888.   | 3.4 | 31        |
| 31 | The 6-Aminoquinolone WC5 Inhibits Human Cytomegalovirus Replication at an Early Stage by Interfering with the Transactivating Activity of Viral Immediate-Early 2 Protein. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 1930-1940.                                      | 3.2 | 29        |
| 32 | Bioactive Molecules Released From Cells Infected with the Human Cytomegalovirus. <i>Frontiers in Microbiology</i> , 2016, 7, 715.   | 3.5 | 29        |
| 33 | Inhibition of herpes simplex type 1 and type 2 infections by Oximacro <sup>®</sup> , a cranberry extract with a high content of A-type proanthocyanidins (PACs-A). <i>Antiviral Research</i> , 2016, 132, 154-164.  | 4.1 | 29        |
| 34 | Evidence that the Human Cytomegalovirus 46-kDa UL72 protein is not an active dUTPase but a late protein dispensable for replication in fibroblasts. <i>Virology</i> , 2004, 325, 264-276.   | 2.4 | 28        |
| 35 | Distinct Roles for Human Cytomegalovirus Immediate Early Proteins IE1 and IE2 in the Transcriptional Regulation of MICA and PVR/CD155 Expression. <i>Journal of Immunology</i> , 2016, 197, 4066-4078.  | 0.8 | 28        |
| 36 | Molecular Cloning and Expression of an Interferon-Inducible Protein Encoded by Gene 203 from the Gene 200 Cluster. <i>FEBS Journal</i> , 1997, 249, 258-264.  | 0.2 | 27        |

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|----|--|-----|-----------|
| 37 | Fine-tuning of Catalytic Properties of Catechol 1,2-Dioxygenase by Active Site Tailoring. <i>ChemBioChem</i> , 2009, 10, 1015-1024.  | 2.6 | 27        |
| 38 | Polyomavirus BK DNA quantification assay to evaluate viral load in renal transplant recipients. <i>Journal of Clinical Virology</i> , 2003, 28, 265-274.   | 3.1 | 25        |
| 39 | Pseudo-Dipeptide Bearing $\alpha,\alpha$ -Difluoromethyl Ketone Moiety as Electrophilic Warhead with Activity against Coronaviruses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1398.  | 4.1 | 25        |
| 40 | Human cytomegalovirus US21 protein is a viroporin that modulates calcium homeostasis and protects cells against apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12370-E12377.  | 7.1 | 24        |
| 41 | Human Cytomegalovirus Stimulates Cellular Dihydrofolate Reductase Activity in Quiescent Cells. <i>Intervirology</i> , 1999, 42, 30-36.   | 2.8 | 23        |
| 42 | Escherichia coli Overexpressing a Baeyer-Villiger Monooxygenase from Acinetobacter radioresistens Becomes Resistant to Imipenem. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 64-74.   | 3.2 | 23        |
| 43 | Loss of the Human Cytomegalovirus US16 Protein Abrogates Virus Entry into Endothelial and Epithelial Cells by Reducing the Virion Content of the Pentamer. <i>Journal of Virology</i> , 2017, 91, .  | 3.4 | 23        |
| 44 | The Elk-1 and Serum Response Factor Binding Sites in the Major Immediate-Early Promoter of Human Cytomegalovirus Are Required for Efficient Viral Replication in Quiescent Cells and Compensate for Inactivation of the NF- $\kappa$ B Sites in Proliferating Cells. <i>Journal of Virology</i> , 2010, 84, 4481-4493. | 3.4 | 21        |
| 45 | Inactivation of the Human Cytomegalovirus <i>US20</i> Gene Hampers Productive Viral Replication in Endothelial Cells. <i>Journal of Virology</i> , 2015, 89, 11092-11106.  | 3.4 | 21        |
| 46 | Repurposing the clinically approved calcium antagonist manidipine dihydrochloride as a new early inhibitor of human cytomegalovirus targeting the Immediate-Early 2 (IE2) protein. <i>Antiviral Research</i> , 2018, 150, 130-136.   | 4.1 | 21        |
| 47 | Effective deploying of a novel DHODH inhibitor against herpes simplex type 1 and type 2 replication. <i>Antiviral Research</i> , 2021, 189, 105057.  | 4.1 | 21        |
| 48 | The murine cytomegalovirus immediate-early 1 protein stimulates NF- $\kappa$ B activity by transactivating the NF- $\kappa$ B p105/p50 promoter. <i>Virus Research</i> , 1996, 45, 15-27.  | 2.2 | 20        |
| 49 | The Clinically Approved Antifungal Drug Posaconazole Inhibits Human Cytomegalovirus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .  | 3.2 | 20        |
| 50 | Design, Synthesis, and Evaluation of WC5 Analogues as Inhibitors of Human Cytomegalovirus Immediate-Early 2 Protein, a Promising Target for Anti-HCMV Treatment. <i>ChemMedChem</i> , 2013, 8, 1403-1414.  | 3.2 | 18        |
| 51 | The Catechol 1,2 Dioxygenase System of Acinetobacter radioresistens: Isoenzymes, Inductors and Gene Localisation. <i>Biological Chemistry</i> , 2001, 382, 1253-61.  | 2.5 | 17        |
| 52 | Generation of potent neutralizing human monoclonal antibodies against cytomegalovirus infection from immune B cells. <i>BMC Biotechnology</i> , 2008, 8, 85.   | 3.3 | 17        |
| 53 | HCMV-controlling NKG2C+ NK cells originate from novel circulating inflammatory precursors. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 2343-2357.   | 2.9 | 16        |
| 54 | The New Generation hDHODH Inhibitor MEDS433 Hinders the In Vitro Replication of SARS-CoV-2 and Other Human Coronaviruses. <i>Microorganisms</i> , 2021, 9, 1731.   | 3.6 | 16        |

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|----|--|-----|-----------|
| 55 | The expression of p16INK4a tumor suppressor is upregulated by human cytomegalovirus infection and required for optimal viral replication. <i>Virology</i> , 2006, 349, 79-86.  | 2.4 | 15        |
| 56 | The 6-Aminoquinolone WC5 Inhibits Different Functions of the Immediate-Early 2 (IE2) Protein of Human Cytomegalovirus That Are Essential for Viral Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6615-6626.  | 3.2 | 15        |
| 57 | Effect of Interferon- $\beta$ on Immediate Early Gene Expression of Murine Cytomegalovirus. <i>Journal of Interferon Research</i> , 1993, 13, 105-109.   | 1.2 | 13        |
| 58 | In Vitro and In Vivo Expression Analysis of the Interferon-Inducible 203 Gene. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 129-136.   | 1.2 | 13        |
| 59 | Characterization of nuclear factors involved in 202 gene induction by interferon-alpha in murine leukemia cells. <i>FEBS Journal</i> , 1994, 221, 731-739.   | 0.2 | 11        |
| 60 | Induction of 2,5 oas gene expression and activity is not sufficient for IFN- $\beta$ -induced neuroblastoma cell differentiation. <i>International Journal of Cancer</i> , 1995, 62, 223-229.  | 5.1 | 10        |
| 61 | Human cytomegalovirus requires cellular deoxycytidylate deaminase for replication in quiescent cells. <i>Journal of General Virology</i> , 2003, 84, 1437-1441.  | 2.9 | 10        |
| 62 | Retroviruses of the Human Virobiota: The Recycling of Viral Genes and the Resulting Advantages for Human Hosts During Evolution. <i>Frontiers in Microbiology</i> , 2020, 11, 1140.  | 3.5 | 10        |
| 63 | Murine Cytomegalovirus Infection Induces Cellular Folylpolyglutamate Synthetase Activity in Quiescent Cells. <i>Intervirolgy</i> , 2001, 44, 224-226.  | 2.8 | 6         |
| 64 | Cell and type specificity of interferon action. Unusual characteristics of the transcriptional control of gene expression by interferon- $\beta$ in T cells*. <i>European Journal of Immunology</i> , 1990, 20, 1243-1249.   | 2.9 | 5         |
| 65 | The thymidylate synthase inhibitor ZD1694 potently inhibits murine and human cytomegalovirus replication in quiescent fibroblasts. <i>Antiviral Research</i> , 2000, 47, 111-120.  | 4.1 | 5         |
| 66 | Drug Repurposing Campaigns for Human Cytomegalovirus Identify a Natural Compound Targeting the Immediate-Early 2 (IE2) Protein: A Comment on "The Natural Flavonoid Compound Deguelin Inhibits HCMV Lytic Replication within Fibroblasts". <i>Viruses</i> , 2019, 11, 117. | 3.3 | 5         |
| 67 | The antifungal drug isavuconazole inhibits the replication of human cytomegalovirus (HCMV) and acts synergistically with anti-HCMV drugs. <i>Antiviral Research</i> , 2021, 189, 105062.   | 4.1 | 5         |
| 68 | Approaches for the Generation of New Anti-cytomegalovirus Agents: Identification of Protein-Protein Interaction Inhibitors and Compounds Against the HCMV IE2 Protein. <i>Methods in Molecular Biology</i> , 2014, 1119, 349-363.  | 0.9 | 5         |
| 69 | Characterization of cytoplasmic and nuclear polypeptides induced by interferon- $\beta$ in a murine pre-B cell leukemia. <i>European Journal of Immunology</i> , 1989, 19, 1171-1176.  | 2.9 | 4         |
| 70 | Cranberry ( <i>Vaccinium macrocarpon</i> ) Extract Impairs Nairovirus Infection by Inhibiting the Attachment to Target Cells. <i>Pathogens</i> , 2021, 10, 1025.   | 2.8 | 4         |
| 71 | Murine Cytomegalovirus Stimulates Cellular Thymidylate Synthase Gene Expression in Quiescent Cells and Requires the Enzyme for Replication. <i>Journal of Virology</i> , 2000, 74, 4979-4987.  | 3.4 | 3         |
| 72 | The anticytomegaloviral activity of raltitrexid is abrogated in quiescent mouse fibroblasts that overexpress thymidylate synthase. <i>Virus Research</i> , 2001, 73, 57-65.  | 2.2 | 2         |