

# Anna Luganini

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,205  
citations

361296

20  
h-index

377752

34  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2121  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The Intracellular DNA Sensor IFI16 Gene Acts as Restriction Factor for Human Cytomegalovirus Replication. <i>PLoS Pathogens</i> , 2012, 8, e1002498.  | 2.1 | 204       |
| 2  | Inhibition of Herpes Simplex Virus Type 1 and Type 2 Infections by Peptide-Derivatized Dendrimers. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3231-3239.  | 1.4 | 75        |
| 3  | Peptide-derivatized dendrimers inhibit human cytomegalovirus infection by blocking virus binding to cell surface heparan sulfate. <i>Antiviral Research</i> , 2010, 85, 532-540.  | 1.9 | 68        |
| 4  | Marine Fungi from the Sponge <i>Grantia compressa</i> : Biodiversity, Chemodiversity, and Biotechnological Potential. <i>Marine Drugs</i> , 2019, 17, 220.  | 2.2 | 54        |
| 5  | In vivo analysis of influenza A mRNA secondary structures identifies critical regulatory motifs. <i>Nucleic Acids Research</i> , 2019, 47, 7003-7017.   | 6.5 | 51        |
| 6  | Vancomycin-loaded nanobubbles: A new platform for controlled antibiotic delivery against methicillin-resistant <i>Staphylococcus aureus</i> infections. <i>International Journal of Pharmaceutics</i> , 2017, 523, 176-188.   | 2.6 | 48        |
| 7  | Activation of the virus-induced IKK/NF- $\kappa$ B signalling axis is critical for the replication of human cytomegalovirus in quiescent cells. <i>Cellular Microbiology</i> , 2007, 9, 2040-2054.  | 1.1 | 44        |
| 8  | Targeting the NF- $\kappa$ B pathway through pharmacological inhibition of IKK2 prevents human cytomegalovirus replication and virus-induced inflammatory response in infected endothelial cells. <i>Antiviral Research</i> , 2007, 73, 175-184.                                    | 1.9 | 41        |
| 9  | 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.   | 1.5 | 40        |
| 10 | 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. | 1.3 | 39        |
| 11 | Phosphorothioate-Modified Oligodeoxynucleotides Inhibit Human Cytomegalovirus Replication by Blocking Virus Entry. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1111-1120.  | 1.4 | 38        |
| 12 | 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.   | 1.9 | 38        |
| 13 | 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.  | 2.5 | 32        |
| 14 | 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.   | 1.5 | 31        |
| 15 | Bioactive Molecules Released From Cells Infected with the Human Cytomegalovirus. <i>Frontiers in Microbiology</i> , 2016, 7, 715.   | 1.5 | 29        |
| 16 | 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.  | 1.9 | 29        |
| 17 | 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.  | 0.4 | 28        |
| 18 | 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.                                       | 3.3 | 24        |

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|----|--|-----|-----------|
| 19 | 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, .  | 1.5 | 23        |
| 20 | 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. | 1.5 | 21        |
| 21 | 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.  | 1.5 | 21        |
| 22 | 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.   | 1.9 | 21        |
| 23 | Effective deploying of a novel DHODH inhibitor against herpes simplex type 1 and type 2 replication. <i>Antiviral Research</i> , 2021, 189, 105057.  | 1.9 | 21        |
| 24 | The Clinically Approved Antifungal Drug Posaconazole Inhibits Human Cytomegalovirus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .  | 1.4 | 20        |
| 25 | Generation of potent neutralizing human monoclonal antibodies against cytomegalovirus infection from immune B cells. <i>BMC Biotechnology</i> , 2008, 8, 85.   | 1.7 | 17        |
| 26 | Bronchiolitis and SARS-CoV-2. <i>Archives of Disease in Childhood</i> , 2021, 106, 999-1001.   | 1.0 | 16        |
| 27 | HCMV-controlling NKG2C+ NK cells originate from novel circulating inflammatory precursors. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 2343-2357.   | 1.5 | 16        |
| 28 | 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.   | 1.6 | 16        |
| 29 | 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.  | 1.4 | 15        |
| 30 | Folded Structure and Insertion Depth of the Frog-Skin Antimicrobial Peptide Esculentin-1b(1-18) in the Presence of Differently Charged Membrane-Mimicking Micelles. <i>Journal of Natural Products</i> , 2014, 77, 2410-2417.  | 1.5 | 11        |
| 31 | Comparative Evaluation of Different Chitosan Species and Derivatives as Candidate Biomaterials for Oxygen-Loaded Nanodroplet Formulations to Treat Chronic Wounds. <i>Marine Drugs</i> , 2021, 19, 112.  | 2.2 | 11        |
| 32 | 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.  | 1.5 | 10        |
| 33 | Cell-surface binding domains from <i>Clostridium cellulovorans</i> can be used for surface display of cellulosomal scaffoldins in <i>Lactococcus lactis</i> . <i>Biotechnology Journal</i> , 2021, 16, e2100064.   | 1.8 | 9         |
| 34 | Antimicrobial oxygen-loaded nanobubbles as promising tools to promote wound healing in hypoxic human keratinocytes. <i>Toxicology Reports</i> , 2022, 9, 154-162.  | 1.6 | 8         |
| 35 | Donkey Milk Fermentation by <i>Lactococcus lactis</i> subsp. <i>cremoris</i> and <i>Lactobacillus rhamnosus</i> Affects the Antiviral and Antibacterial Milk Properties. <i>Molecules</i> , 2021, 26, 5100.  | 1.7 | 6         |
| 36 | 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.   | 1.5 | 5         |

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|----|---|-----|-----------|
| 37 | 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.  | 1.9 | 5         |
| 38 | Interferon- $\beta$ Production by Plasmacytoid Dendritic Cells Is Dispensable for an Effective Anti-Cytomegalovirus Response in Adaptor Protein-3-Deficient Mice. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 232-238. | 0.5 | 4         |
| 39 | Evaluation of the Bactericidal Activity of a Hyaluronic Acid-Vehicled Clarithromycin Antibiotic Mixture by Confocal Laser Scanning Microscopy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 761.                                     | 1.3 | 4         |
| 40 | Antibacterial and Antifungal Efficacy of Medium and Low Weight Chitosan-Shelled Nanodroplets for the Treatment of Infected Chronic Wounds. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1725-1739.                     | 3.3 | 4         |
| 41 | REST levels affect the functional expression of voltage dependent calcium channels and the migratory activity in immortalized GnRH neurons. <i>Neuroscience Letters</i> , 2016, 629, 19-25.   | 1.0 | 3         |
| 42 | Confocal Laser Scanner Evaluation of Bactericidal Effect of Chitosan Nanodroplets Loaded with Benzalkonium Chloride. <i>Journal of Clinical Medicine</i> , 2022, 11, 1650.  | 1.0 | 3         |
| 43 | Evaluation of the Bactericidal Activity of a Hyaluronic Acid-Vehicled Clarithromycin Antibiotic Mixture by Confocal Laser Scanning Microscopy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 761.                                     | 1.3 | 1         |
| 44 | Editorial: Microbial Systems as Paradigms of Successful and Sustainable Interactions. <i>Frontiers in Microbiology</i> , 2021, 12, 785106.  | 1.5 | 0         |