Ronan Le Goffic

List of Publications by Year
in descending order

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54 papers	3,793 citations	201575 27 h-index	161767 54 g-index
59 all docs	59 docs citations	59 times ranked	5790 citing authors

#	Article	IF	Citations
1	Host succinate inhibits influenza virus infection through succinylation and nuclear retention of the viral nucleoprotein. EMBO Journal, 2022, 41, e108306.	3.5	15
2	Nonâ€Toxic Virucidal Macromolecules Show High Efficacy Against Influenza Virus Ex Vivo and In Vivo. Advanced Science, 2021, 8, 2001012.	5.6	16
3	Study of the host specificity of PB1-F2-associated virulence. Virulence, 2021, 12, 1647-1660.	1.8	4
4	Self-assembled peptide nanorod vaccine confers protection against influenza A virus. Biomaterials, 2021, 269, 120672.	5.7	20
5	A condensate-hardening drug blocks RSV replication in vivo. Nature, 2021, 595, 596-599.	13.7	121
6	PB1-F2 amyloid-like fibers correlate with proinflammatory signaling and respiratory distress in influenza-infected mice. Journal of Biological Chemistry, 2021, 297, 100885.	1.6	3
7	Influenza Virus Infection Impairs the Gutâ€™s Barrier Properties and Favors Secondary Enteric Bacterial Infection through Reduced Production of Short-Chain Fatty Acids. Infection and Immunity, 2021, 89, e0073420.	1.0	46
8	Low Doses of Radiation Increase the Immunosuppressive Profile of Lung Macrophages During Viral Infection and Pneumonia. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1283-1294.	0.4	23
9	Immunogenicity and Protective Potential of Mucosal Vaccine Formulations Based on Conserved Epitopes of Influenza A Viruses Fused to an Innovative Ring Nanoplatform in Mice and Chickens. Frontiers in Immunology, 2021, 12, 772550.	2.2	1
10	Influenza viruses and coronaviruses: Knowns, unknowns, and common research challenges. PLoS Pathogens, 2021, 17, e1010106.	2.1	12
11	Murine Model for the Study of Influenza D Virus. Journal of Virology, 2020, 94, .	1.5	20
12	Respiratory syncytial virus tropism for olfactory sensory neurons in mice. Journal of Neurochemistry, 2020, 155, 137-153.	2.1	35
13	Targeting the Respiratory Syncytial Virus N 0 -P Complex with Constrained Î±-Helical Peptides in Cells and Mice. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	5
14	Single-Stranded Oligonucleotide-Mediated Inhibition of Respiratory Syncytial Virus Infection. Frontiers in Immunology, 2020, 11, 580547.	2.2	7
15	Influenza infection rewires energy metabolism and induces browning features in adipose cells and tissues. Communications Biology, 2020, 3, 237.	2.0	30
16	Labyrinthopeptins as virolytic inhibitors of respiratory syncytial virus cell entry. Antiviral Research, 2020, 177, 104774.	1.9	30
17	Gut Dysbiosis during Influenza Contributes to Pulmonary Pneumococcal Superinfection through Altered Short-Chain Fatty Acid Production. Cell Reports, 2020, 30, 2934-2947.e6.	2.9	221
18	Massive transient damage of the olfactory epithelium associated with infection of sustentacular cells by SARS-CoV-2 in golden Syrian hamsters. Brain, Behavior, and Immunity, 2020, 89, 579-586.	2.0	240

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19	Interleukin-22 Immunotherapy during Severe Influenza Enhances Lung Tissue Integrity and Reduces Secondary Bacterial Systemic Invasion. Infection and Immunity, 2018, 86, .	1.0	39
20	Broad-spectrum non-toxic antiviral nanoparticles with a virucidal inhibition mechanism. Nature Materials, 2018, 17, 195-203.	13.3	331
21	Humoral Responses Elicited by Adenovirus Displaying Epitopes Are Induced Independently of the Infection Process and Shaped by the Toll-Like Receptor/MyD88 Pathway. Frontiers in Immunology, 2018, 9, 124.	2.2	7
22	A Short Double-Stapled Peptide Inhibits Respiratory Syncytial Virus Entry and Spreading. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	35
23	Regulation of kynurenine biosynthesis during influenza virus infection. FEBS Journal, 2017, 284, 222-236.	2.2	56
24	Host Response Comparison of H1N1- and H5N1-Infected Mice Identifies Two Potential Death Mechanisms. International Journal of Molecular Sciences, 2017, 18, 1631.	1.8	4
25	Transcriptomic profiling of a chicken lung epithelial cell line (CLEC213) reveals a mitochondrial respiratory chain activity boost during influenza virus infection. PLoS ONE, 2017, 12, e0176355.	1.1	13
26	Influenza virus protein PB1-F2 interacts with CALCOCO2 (NDP52) to modulate innate immune response. Journal of General Virology, 2017, 98, 1196-1208.	1.3	28
27	Codon Deletions in the Influenza A Virus PA Gene Generate Temperature-Sensitive Viruses. Journal of Virology, 2016, 90, 3684-3693.	1.5	8
28	Synchrotron Infrared and Deep UV Fluorescent Microspectroscopy Study of PB1-F2 Î²-Aggregated Structures in Influenza A Virus-infected Cells. Journal of Biological Chemistry, 2016, 291, 9060-9072.	1.6	14
29	The Influenza Virus Protein PB1-F2 Increases Viral Pathogenesis through Neutrophil Recruitment and NK Cells Inhibition. PLoS ONE, 2016, 11, e0165361.	1.1	33
30	Interaction of prion protein with acetylcholinesterase: potential pathobiological implications in prion diseases. Acta Neuropathologica Communications, 2015, 3, 18.	2.4	12
31	Temperature-Sensitive Mutants in the Influenza A Virus RNA Polymerase: Alterations in the PA Linker Reduce Nuclear Targeting of the PB1-PA Dimer and Result in Viral Attenuation. Journal of Virology, 2015, 89, 6376-6390.	1.5	21
32	PB1-F2 Attenuates Virulence of Highly Pathogenic Avian H5N1 Influenza Virus in Chickens. PLoS ONE, 2014, 9, e100679.	1.1	30
33	Visualizing the replication of respiratory syncytial virus in cells and in living mice. Nature Communications, 2014, 5, 5104.	5.8	102
34	Electrochemical Detection of the Oligomerization of PB1-F2 Influenza A Virus Protein in Infected Cells. Analytical Chemistry, 2014, 86, 9098-9105.	3.2	38
35	Selective antibacterial effects of mixed ZnMgO nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1595.	0.8	123
36	Identification of One Novel Candidate Probiotic Lactobacillus plantarum Strain Active against Influenza Virus Infection in Mice by a Large-Scale Screening. Applied and Environmental Microbiology, 2013, 79, 1491-1499.	1.4	92

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37	Kinetic Characterization of PB1-F2-Mediated Immunopathology during Highly Pathogenic Avian H5N1 Influenza Virus Infection. PLoS ONE, 2013, 8, e57894.	1.1	41
38	Detection of Soluble Oligomers Formed by PB1-F2 Influenza A Virus Protein in vitro. Journal of Analytical & Bioanalytical Techniques, 2013, 04, .	0.6	4
39	Surface Plasmon Resonance Immunosensor for Detection of PB1-F2 Influenza A Virus Protein in Infected Biological Samples. Journal of Analytical & Bioanalytical Techniques, 2013, S7, .	0.6	3
40	Infection with Influenza Virus Induces IL-33 in Murine Lungs. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 1125-1132.	1.4	116
41	Transcriptomic Analysis of Host Immune and Cell Death Responses Associated with the Influenza A Virus PB1-F2 Protein. PLoS Pathogens, 2011, 7, e1002202.	2.1	62
42	PB1-F2 Influenza A Virus Protein Adopts a Î²-Sheet Conformation and Forms Amyloid Fibers in Membrane Environments. Journal of Biological Chemistry, 2010, 285, 13233-13243.	1.6	64
43	Influenza A Virus Protein PB1-F2 Exacerbates IFN-Î² Expression of Human Respiratory Epithelial Cells. Journal of Immunology, 2010, 185, 4812-4823.	0.4	87
44	TLR 5, but neither TLR2 nor TLR4, is involved in lung epithelial cell response toBurkholderia cenocepacia. FEMS Immunology and Medical Microbiology, 2008, 54, 37-44.	2.7	22
45	Cutting Edge: Influenza A Virus Activates TLR3-Dependent Inflammatory and RIG-I-Dependent Antiviral Responses in Human Lung Epithelial Cells. Journal of Immunology, 2007, 178, 3368-3372.	0.4	355
46	Edema Toxin Impairs Anthracidal Phospholipase A2 Expression by Alveolar Macrophages. PLoS Pathogens, 2007, 3, e187.	2.1	43
47	Detrimental Contribution of the Toll-Like Receptor (TLR)3 to Influenza A Virusâ€“Induced Acute Pneumonia. PLoS Pathogens, 2006, 2, e53.	2.1	447
48	Involvement of Toll-like Receptor 3 in the Immune Response of Lung Epithelial Cells to Double-stranded RNA and Influenza A Virus. Journal of Biological Chemistry, 2005, 280, 5571-5580.	1.6	591
49	Spatial, a new nuclear factor tightly regulated during mouse spermatogenesis. Gene Expression Patterns, 2003, 3, 135-138.	0.3	13
50	Phtf1 Is an Integral Membrane Protein Localized in an Endoplasmic Reticulum Domain in Maturing Male Germ Cells1. Biology of Reproduction, 2003, 68, 1044-1053.	1.2	12
51	Mumps Virus Decreases Testosterone Production and Gamma Interferon-Induced Protein 10 Secretion by Human Leydig Cells. Journal of Virology, 2003, 77, 3297-3300.	1.5	30
52	Production of the Chemokines Monocyte Chemotactic Protein-1, Regulated on Activation Normal T Cell Expressed and Secreted Protein, Growth-Related Oncogene, and Interferon-Î³-Inducible Protein-10 Is Induced by the Sendai Virus in Human and Rat Testicular Cells. Endocrinology, 2002, 143, 1434-1440.	1.4	35
53	Production of the Chemokines Monocyte Chemotactic Protein-1, Regulated on Activation Normal T Cell Expressed and Secreted Protein, Growth-Related Oncogene, and Interferon-Â-Inducible Protein-10 Is Induced by the Sendai Virus in Human and Rat Testicular Cells. Endocrinology, 2002, 143, 1434-1440.	1.4	7
54	Impact of the influenza protein PB1-F2 on the biochemical composition of human epithelial cells revealed by synchrotron Fourier transform infrared spectromicroscopy. Journal of Spectral Imaging, 0, , .	0.0	0