

# Ronan Le Goffic

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Involvement of Toll-like Receptor 3 in the Immune Response of Lung Epithelial Cells to Double-stranded RNA and Influenza A Virus. <i>Journal of Biological Chemistry</i> , 2005, 280, 5571-5580.	1.6	591
2	Detrimental Contribution of the Toll-Like Receptor (TLR)3 to Influenza A Virus-Induced Acute Pneumonia. <i>PLoS Pathogens</i> , 2006, 2, e53.	2.1	447
3	Cutting Edge: Influenza A Virus Activates TLR3-Dependent Inflammatory and RIG-I-Dependent Antiviral Responses in Human Lung Epithelial Cells. <i>Journal of Immunology</i> , 2007, 178, 3368-3372.	0.4	355
4	Broad-spectrum non-toxic antiviral nanoparticles with a virucidal inhibition mechanism. <i>Nature Materials</i> , 2018, 17, 195-203.	13.3	331
5	Massive transient damage of the olfactory epithelium associated with infection of sustentacular cells by SARS-CoV-2 in golden Syrian hamsters. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 579-586.	2.0	240
6	Gut Dysbiosis during Influenza Contributes to Pulmonary Pneumococcal Superinfection through Altered Short-Chain Fatty Acid Production. <i>Cell Reports</i> , 2020, 30, 2934-2947.e6.	2.9	221
7	Selective antibacterial effects of mixed ZnMgO nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1595.	0.8	123
8	A condensate-hardening drug blocks RSV replication in vivo. <i>Nature</i> , 2021, 595, 596-599.	13.7	121
9	Infection with Influenza Virus Induces IL-33 in Murine Lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 1125-1132.	1.4	116
10	Visualizing the replication of respiratory syncytial virus in cells and in living mice. <i>Nature Communications</i> , 2014, 5, 5104.	5.8	102
11	Identification of One Novel Candidate Probiotic <i>Lactobacillus plantarum</i> Strain Active against Influenza Virus Infection in Mice by a Large-Scale Screening. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1491-1499.	1.4	92
12	Influenza A Virus Protein PB1-F2 Exacerbates IFN- $\beta$ Expression of Human Respiratory Epithelial Cells. <i>Journal of Immunology</i> , 2010, 185, 4812-4823.	0.4	87
13	PB1-F2 Influenza A Virus Protein Adopts a $\beta$ -Sheet Conformation and Forms Amyloid Fibers in Membrane Environments. <i>Journal of Biological Chemistry</i> , 2010, 285, 13233-13243.	1.6	64
14	Transcriptomic Analysis of Host Immune and Cell Death Responses Associated with the Influenza A Virus PB1-F2 Protein. <i>PLoS Pathogens</i> , 2011, 7, e1002202.	2.1	62
15	Regulation of kynurenine biosynthesis during influenza virus infection. <i>FEBS Journal</i> , 2017, 284, 222-236.	2.2	56
16	Influenza Virus Infection Impairs the Gut's Barrier Properties and Favors Secondary Enteric Bacterial Infection through Reduced Production of Short-Chain Fatty Acids. <i>Infection and Immunity</i> , 2021, 89, e0073420.	1.0	46
17	Edema Toxin Impairs Anthracidal Phospholipase A2 Expression by Alveolar Macrophages. <i>PLoS Pathogens</i> , 2007, 3, e187.	2.1	43
18	Kinetic Characterization of PB1-F2-Mediated Immunopathology during Highly Pathogenic Avian H5N1 Influenza Virus Infection. <i>PLoS ONE</i> , 2013, 8, e57894.	1.1	41

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19	Interleukin-22 Immunotherapy during Severe Influenza Enhances Lung Tissue Integrity and Reduces Secondary Bacterial Systemic Invasion. <i>Infection and Immunity</i> , 2018, 86, .	1.0	39
20	Electrochemical Detection of the Oligomerization of PB1-F2 Influenza A Virus Protein in Infected Cells. <i>Analytical Chemistry</i> , 2014, 86, 9098-9105.	3.2	38
21	Production of the Chemokines Monocyte Chemoattractant Protein-1, Regulated on Activation Normal T Cell Expressed and Secreted Protein, Growth-Related Oncogene, and Interferon- $\gamma$ -Inducible Protein-10 Is Induced by the Sendai Virus in Human and Rat Testicular Cells. <i>Endocrinology</i> , 2002, 143, 1434-1440.	1.4	35
22	A Short Double-Strapped Peptide Inhibits Respiratory Syncytial Virus Entry and Spreading. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	35
23	Respiratory syncytial virus tropism for olfactory sensory neurons in mice. <i>Journal of Neurochemistry</i> , 2020, 155, 137-153.	2.1	35
24	The Influenza Virus Protein PB1-F2 Increases Viral Pathogenesis through Neutrophil Recruitment and NK Cells Inhibition. <i>PLoS ONE</i> , 2016, 11, e0165361.	1.1	33
25	Mumps Virus Decreases Testosterone Production and Gamma Interferon-Induced Protein 10 Secretion by Human Leydig Cells. <i>Journal of Virology</i> , 2003, 77, 3297-3300.	1.5	30
26	PB1-F2 Attenuates Virulence of Highly Pathogenic Avian H5N1 Influenza Virus in Chickens. <i>PLoS ONE</i> , 2014, 9, e100679.	1.1	30
27	Influenza infection rewires energy metabolism and induces browning features in adipose cells and tissues. <i>Communications Biology</i> , 2020, 3, 237.	2.0	30
28	Labyrinthopeptins as virolytic inhibitors of respiratory syncytial virus cell entry. <i>Antiviral Research</i> , 2020, 177, 104774.	1.9	30
29	Influenza virus protein PB1-F2 interacts with CALCOCO2 (NDP52) to modulate innate immune response. <i>Journal of General Virology</i> , 2017, 98, 1196-1208.	1.3	28
30	Low Doses of Radiation Increase the Immunosuppressive Profile of Lung Macrophages During Viral Infection and Pneumonia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1283-1294.	0.4	23
31	TLR 5, but neither TLR2 nor TLR4, is involved in lung epithelial cell response to <i>Burkholderia cenocepacia</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2008, 54, 37-44.	2.7	22
32	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. <i>Journal of Virology</i> , 2015, 89, 6376-6390.	1.5	21
33	Murine Model for the Study of Influenza D Virus. <i>Journal of Virology</i> , 2020, 94, .	1.5	20
34	Self-assembled peptide nanorod vaccine confers protection against influenza A virus. <i>Biomaterials</i> , 2021, 269, 120672.	5.7	20
35	Non-toxic Virucidal Macromolecules Show High Efficacy Against Influenza Virus Ex Vivo and In Vivo. <i>Advanced Science</i> , 2021, 8, 2001012.	5.6	16
36	Host succinate inhibits influenza virus infection through succinylation and nuclear retention of the viral nucleoprotein. <i>EMBO Journal</i> , 2022, 41, e108306.	3.5	15

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37	Synchrotron Infrared and Deep UV Fluorescent Microspectroscopy Study of PB1-F2 $\alpha$ -Aggregated Structures in Influenza A Virus-infected Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 9060-9072.	1.6	14
38	Spatial, a new nuclear factor tightly regulated during mouse spermatogenesis. <i>Gene Expression Patterns</i> , 2003, 3, 135-138.	0.3	13
39	Transcriptomic profiling of a chicken lung epithelial cell line (CLEC213) reveals a mitochondrial respiratory chain activity boost during influenza virus infection. <i>PLoS ONE</i> , 2017, 12, e0176355.	1.1	13
40	Phtf1 Is an Integral Membrane Protein Localized in an Endoplasmic Reticulum Domain in Maturing Male Germ Cells1. <i>Biology of Reproduction</i> , 2003, 68, 1044-1053.	1.2	12
41	Interaction of prion protein with acetylcholinesterase: potential pathobiological implications in prion diseases. <i>Acta Neuropathologica Communications</i> , 2015, 3, 18.	2.4	12
42	Influenza viruses and coronaviruses: Knowns, unknowns, and common research challenges. <i>PLoS Pathogens</i> , 2021, 17, e1010106.	2.1	12
43	Codon Deletions in the Influenza A Virus PA Gene Generate Temperature-Sensitive Viruses. <i>Journal of Virology</i> , 2016, 90, 3684-3693.	1.5	8
44	Humoral Responses Elicited by Adenovirus Displaying Epitopes Are Induced Independently of the Infection Process and Shaped by the Toll-Like Receptor/MyD88 Pathway. <i>Frontiers in Immunology</i> , 2018, 9, 124.	2.2	7
45	Single-Stranded Oligonucleotide-Mediated Inhibition of Respiratory Syncytial Virus Infection. <i>Frontiers in Immunology</i> , 2020, 11, 580547.	2.2	7
46	Production of the Chemokines Monocyte Chemotactic Protein-1, Regulated on Activation Normal T Cell Expressed and Secreted Protein, Growth-Related Oncogene, and Interferon- $\gamma$ -Inducible Protein-10 Is Induced by the Sendai Virus in Human and Rat Testicular Cells. <i>Endocrinology</i> , 2002, 143, 1434-1440.	1.4	7
47	Targeting the Respiratory Syncytial Virus N-P Complex with Constrained $\alpha$ -Helical Peptides in Cells and Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	5
48	Host Response Comparison of H1N1- and H5N1-Infected Mice Identifies Two Potential Death Mechanisms. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1631.	1.8	4
49	Study of the host specificity of PB1-F2-associated virulence. <i>Virulence</i> , 2021, 12, 1647-1660.	1.8	4
50	Detection of Soluble Oligomers Formed by PB1-F2 Influenza A Virus Protein in vitro. <i>Journal of Analytical &amp; Bioanalytical Techniques</i> , 2013, 04, .	0.6	4
51	PB1-F2 amyloid-like fibers correlate with proinflammatory signaling and respiratory distress in influenza-infected mice. <i>Journal of Biological Chemistry</i> , 2021, 297, 100885.	1.6	3
52	Surface Plasmon Resonance Immunosensor for Detection of PB1-F2 Influenza A Virus Protein in Infected Biological Samples. <i>Journal of Analytical &amp; Bioanalytical Techniques</i> , 2013, S7, .	0.6	3
53	Immunogenicity and Protective Potential of Mucosal Vaccine Formulations Based on Conserved Epitopes of Influenza A Viruses Fused to an Innovative Ring Nanoplatfom in Mice and Chickens. <i>Frontiers in Immunology</i> , 2021, 12, 772550.	2.2	1
54	Impact of the influenza protein PB1-F2 on the biochemical composition of human epithelial cells revealed by synchrotron Fourier transform infrared spectromicroscopy. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	0