

# Laurent Gillet

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

2,762  
citations

201674

27  
h-index

206112

48  
g-index

92  
all docs

92  
docs citations

92  
times ranked

3826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Repetitive saliva-based mass screening as a tool for controlling SARS-CoV-2 transmission in nursing homes. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	11
2	Reliable and Scalable SARS-CoV-2 qPCR Testing at a High Sample Throughput: Lessons Learned from the Belgian Initiative. <i>Life</i> , 2022, 12, 159.	2.4	2
3	University population-based prospective cohort study of SARS-CoV-2 infection and immunity (SARSSURV-ULiège): a study protocol. <i>BMJ Open</i> , 2022, 12, e055721.	1.9	6
4	A 2-month field cohort study of SARS-CoV-2 in saliva of BNT162b2 vaccinated nursing home workers. <i>Communications Medicine</i> , 2022, 2, .	4.2	12
5	Decision-based interactive model to determine re-opening conditions of a large university campus in Belgium during the first COVID-19 wave. <i>Archives of Public Health</i> , 2022, 80, 71.	2.4	3
6	Acceptability of Community Saliva Testing in Controlling the COVID-19 Pandemic: Lessons Learned from Two Case Studies in Nursing Homes and Schools. <i>Patient Preference and Adherence</i> , 2022, Volume 16, 625-631.	1.8	1
7	Nationwide Harmonization Effort for Semi-Quantitative Reporting of SARS-CoV-2 PCR Test Results in Belgium. <i>Viruses</i> , 2022, 14, 1294.	3.3	13
8	Factors influencing the adoption and participation rate of nursing homes staff in a saliva testing screening programme for COVID-19. <i>PLoS ONE</i> , 2022, 17, e0270551.	2.5	1
9	Ly6C <sup>hi</sup> monocytes balance regulatory and cytotoxic CD4 T cell responses to control virus-induced immunopathology. <i>Science Immunology</i> , 2022, 7, .	11.9	7
10	The First Random Observational Survey of Barrier Gestures against COVID-19. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9972.	2.6	4
11	Single-Virus Force Spectroscopy Discriminates the Intrinsic Role of Two Viral Glycoproteins upon Cell Surface Attachment. <i>Nano Letters</i> , 2021, 21, 847-853.	9.1	8
12	In-Depth Longitudinal Comparison of Clinical Specimens to Detect SARS-CoV-2. <i>Pathogens</i> , 2021, 10, 1362.	2.8	9
13	IL-20 Cytokines Are Involved in Epithelial Lesions Associated with Virus-Induced COPD Exacerbation in Mice. <i>Biomedicines</i> , 2021, 9, 1838.	3.2	4
14	A gammaherpesvirus licenses CD8 T cells to protect the host from pneumovirus-induced immunopathologies. <i>Mucosal Immunology</i> , 2020, 13, 799-813.	6.0	4
15	Initial Step of Virus Entry: Virion Binding to Cell-Surface Glycans. <i>Annual Review of Virology</i> , 2020, 7, 143-165.	6.7	82
16	IFN- $\beta$ Decreases Murid Herpesvirus-4 Infection of the Olfactory Epithelium but Fails to Prevent Virus Reactivation in the Vaginal Mucosa. <i>Viruses</i> , 2019, 11, 757.	3.3	10
17	Oral Vaccination with Replication-Competent Adenovirus in Mice Reveals Dissemination of the Viral Vaccine beyond the Gastrointestinal Tract. <i>Journal of Virology</i> , 2019, 93, .	3.4	12
18	Recruitment of hepatic macrophages from monocytes is independent of IL-4R $\beta$ but is associated with ablation of resident macrophages in schistosomiasis. <i>European Journal of Immunology</i> , 2019, 49, 1067-1081.	2.9	16

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19	Th1 and Th17 Immune Responses Act Complementarily to Optimally Control Superficial Dermatophytosis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 626-637.	0.7	33
20	Helminth-induced IL-4 expands bystander memory CD8+ T cells for early control of viral infection. <i>Nature Communications</i> , 2018, 9, 4516.	12.8	73
21	Antiviral effect of the nucleoside analogue cidofovir in the context of sexual transmission of a gammaherpesvirus in mice. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2095-2103.	3.0	2
22	Multivalent binding of herpesvirus to living cells is tightly regulated during infection. <i>Science Advances</i> , 2018, 4, eaat1273.	10.3	48
23	The Major Envelope Glycoprotein of Murid Herpesvirus 4 Promotes Sexual Transmission. <i>Journal of Virology</i> , 2017, 91, .	3.4	10
24	Exposure to Bacterial CpG DNA Protects from Airway Allergic Inflammation by Expanding Regulatory Lung Interstitial Macrophages. <i>Immunity</i> , 2017, 46, 457-473.	14.3	171
25	A gammaherpesvirus provides protection against allergic asthma by inducing the replacement of resident alveolar macrophages with regulatory monocytes. <i>Nature Immunology</i> , 2017, 18, 1310-1320.	14.5	164
26	Proteomic and Functional Analyses of the Virion Transmembrane Proteome of Cyprinid Herpesvirus 3. <i>Journal of Virology</i> , 2017, 91, .	3.4	24
27	Cryopreservation of chicken primordial germ cells by vitrification and slow freezing: A comparative study. <i>Theriogenology</i> , 2017, 88, 197-206.	2.1	10
28	Structural Proteomics of Herpesviruses. <i>Viruses</i> , 2016, 8, 50.	3.3	18
29	No Evidence of Herpesvirus Infection in West Highland White Terriers With Canine Idiopathic Pulmonary Fibrosis. <i>Veterinary Pathology</i> , 2016, 53, 1210-1212.	1.7	6
30	Deletion of Murid Herpesvirus 4 ORF63 Affects the Trafficking of Incoming Capsids toward the Nucleus. <i>Journal of Virology</i> , 2016, 90, 2455-2472.	3.4	11
31	Bovine Herpesvirus 4 Modulates Its $\beta$ -1,6- <i>N</i> -Acetylglucosaminyltransferase Activity through Alternative Splicing. <i>Journal of Virology</i> , 2016, 90, 2039-2051.	3.4	0
32	Long term-cultured and cryopreserved primordial germ cells from various chicken breeds retain high proliferative potential and gonadal colonisation competency. <i>Reproduction, Fertility and Development</i> , 2016, 28, 628.	0.4	20
33	Lung-resident eosinophils represent a distinct regulatory eosinophil subset. <i>Journal of Clinical Investigation</i> , 2016, 126, 3279-3295.	8.2	373
34	The $\beta$ 2,3-Sialyltransferase Encoded by Myxoma Virus Is a Virulence Factor that Contributes to Immunosuppression. <i>PLoS ONE</i> , 2015, 10, e0118806.	2.5	6
35	The Interferon-Inducible Mouse Apolipoprotein L9 and Prohibitins Cooperate to Restrict Theiler's Virus Replication. <i>PLoS ONE</i> , 2015, 10, e0133190.	2.5	43
36	Host entry by gamma-herpesviruses – lessons from animal viruses?. <i>Current Opinion in Virology</i> , 2015, 15, 34-40.	5.4	22

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37	Glycoprotein B Cleavage Is Important for Murid Herpesvirus 4 To Infect Myeloid Cells. <i>Journal of Virology</i> , 2013, 87, 10828-10842.	3.4	9
38	Illumination of Murine Gammaherpesvirus-68 Cycle Reveals a Sexual Transmission Route from Females to Males in Laboratory Mice. <i>PLoS Pathogens</i> , 2013, 9, e1003292.	4.7	40
39	A Gammaherpesvirus Uses Alternative Splicing to Regulate Its Tropism and Its Sensitivity to Neutralization. <i>PLoS Pathogens</i> , 2013, 9, e1003753.	4.7	20
40	Proteomic Characterization of Murid Herpesvirus 4 Extracellular Virions. <i>PLoS ONE</i> , 2013, 8, e83842.	2.5	22
41	Myeloid Infection Links Epithelial and B Cell Tropisms of Murid Herpesvirus-4. <i>PLoS Pathogens</i> , 2012, 8, e1002935.	4.7	48
42	Virion endocytosis is a major target for murid herpesvirus-4 neutralization. <i>Journal of General Virology</i> , 2012, 93, 1316-1327.	2.9	9
43	Proteomic Characterization of Bovine Herpesvirus 4 Extracellular Virions. <i>Journal of Virology</i> , 2012, 86, 11567-11580.	3.4	21
44	Bovine Herpesvirus Type 4 Glycoprotein L Is Nonessential for Infectivity but Triggers Virion Endocytosis during Entry. <i>Journal of Virology</i> , 2012, 86, 2653-2664.	3.4	19
45	Feeding <i>Cyprinus carpio</i> with infectious materials mediates cyprinid herpesvirus 3 entry through infection of pharyngeal periodontal mucosa. <i>Veterinary Research</i> , 2012, 43, 6.	3.0	31
46	<i>Ex Vivo</i> Bioluminescence Detection of Alcelaphine Herpesvirus 1 Infection during Malignant Catarrhal Fever. <i>Journal of Virology</i> , 2011, 85, 6941-6954.	3.4	22
47	Antibody production by injection of living cells expressing non self antigens as cell surface type II transmembrane fusion protein. <i>Journal of Immunological Methods</i> , 2011, 367, 70-77.	1.4	3
48	Bovine herpesvirus 4 immediate early 2 (Rta) gene is an essential gene and is duplicated in bovine herpesvirus 4 isolate U. <i>Veterinary Microbiology</i> , 2011, 148, 219-231.	1.9	9
49	Sequencing of bovine herpesvirus 4 v.test strain reveals important genome features. <i>Virology Journal</i> , 2011, 8, 406.	3.4	16
50	Alternative attachment factors and internalization pathways for GIII.2 bovine noroviruses. <i>Journal of General Virology</i> , 2011, 92, 1398-1409.	2.9	7
51	The Bovine Herpesvirus 4 Bo10 Gene Encodes a Nonessential Viral Envelope Protein That Regulates Viral Tropism through both Positive and Negative Effects. <i>Journal of Virology</i> , 2011, 85, 1011-1024.	3.4	24
52	Antibody Evasion by a Gammaherpesvirus O-Glycan Shield. <i>PLoS Pathogens</i> , 2011, 7, e1002387.	4.7	40
53	A mechanistic basis for potent, glycoprotein B-directed gammaherpesvirus neutralization. <i>Journal of General Virology</i> , 2011, 92, 2020-2033.	2.9	11
54	Bovine herpesvirus 4 ORF73 is dispensable for virus growth in vitro, but is essential for virus persistence in vivo. <i>Journal of General Virology</i> , 2010, 91, 2574-2584.	2.9	5

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55	Comparative study of murid gammaherpesvirus 4 infection in mice and in a natural host, bank voles. <i>Journal of General Virology</i> , 2010, 91, 2553-2563.	2.9	27
56	The Major Portal of Entry of Koi Herpesvirus in <i>Cyprinus carpio</i> Is the Skin. <i>Journal of Virology</i> , 2009, 83, 2819-2830.	3.4	126
57	Anchoring tick salivary anti-complement proteins IRAC I and IRAC II to membrane increases their immunogenicity. <i>Veterinary Research</i> , 2009, 40, 51.	3.0	14
58	In vivo importance of heparan sulfate-binding glycoproteins for murid herpesvirus-4 infection. <i>Journal of General Virology</i> , 2009, 90, 602-613.	2.9	27
59	In vivo imaging of murid herpesvirus-4 infection. <i>Journal of General Virology</i> , 2009, 90, 21-32.	2.9	71
60	Glycoprotein L sets the neutralization profile of murid herpesvirus 4. <i>Journal of General Virology</i> , 2009, 90, 1202-1214.	2.9	11
61	The Murid Herpesvirus-4 gH/gL Binds to Glycosaminoglycans. <i>PLoS ONE</i> , 2008, 3, e1669.	2.5	28
62	Glycoprotein B switches conformation during murid herpesvirus 4 entry. <i>Journal of General Virology</i> , 2008, 89, 1352-1363.	2.9	28
63	The Murid Herpesvirus-4 gL Regulates an Entry-Associated Conformation Change in gH. <i>PLoS ONE</i> , 2008, 3, e2811.	2.5	21
64	Glycoprotein L Disruption Reveals Two Functional Forms of the Murine Gammaherpesvirus 68 Glycoprotein H. <i>Journal of Virology</i> , 2007, 81, 280-291.	3.4	43
65	De novo C16- and C24-ceramide generation contributes to spontaneous neutrophil apoptosis. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1477-1486.	3.3	74
66	Evidence for a Multiprotein Gamma-2 Herpesvirus Entry Complex. <i>Journal of Virology</i> , 2007, 81, 13082-13091.	3.4	23
67	Glycosaminoglycan Interactions in Murine Gammaherpesvirus-68 Infection. <i>PLoS ONE</i> , 2007, 2, e347.	2.5	50
68	STAT5 Is an Ambivalent Regulator of Neutrophil Homeostasis. <i>PLoS ONE</i> , 2007, 2, e727.	2.5	22
69	Post-Exposure Vaccination Improves Gammaherpesvirus Neutralization. <i>PLoS ONE</i> , 2007, 2, e899.	2.5	18
70	The paralogous salivary anti-complement proteins IRAC I and IRAC II encoded by <i>Ixodes ricinus</i> ticks have broad and complementary inhibitory activities against the complement of different host species. <i>Microbes and Infection</i> , 2007, 9, 247-250.	1.9	53
71	Natural antibody-complement dependent neutralization of bovine herpesvirus 4 by human serum. <i>Microbes and Infection</i> , 2007, 9, 1530-1537.	1.9	3
72	Establishment of a Bovine Herpesvirus 4 based vector expressing a secreted form of the Bovine Viral Diarrhoea Virus structural glycoprotein E2 for immunization purposes. <i>BMC Biotechnology</i> , 2007, 7, 68.	3.3	36

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73	Antibody evasion by the N terminus of murid herpesvirus-4 glycoprotein B. <i>EMBO Journal</i> , 2007, 26, 5131-5142.	7.8	25
74	Generation of a transposon insertion mutant library for bovine herpesvirus 4 cloned as a bacterial artificial chromosome by in vitro MuA based DNA transposition system. <i>Journal of Virological Methods</i> , 2007, 141, 63-70.	2.1	10
75	IgG Fc Receptors Provide an Alternative Infection Route for Murine Gamma-Herpesvirus-68. <i>PLoS ONE</i> , 2007, 2, e560.	2.5	42
76	The Murine Gammaherpesvirus-68 gp150 Acts as an Immunogenic Decoy to Limit Virion Neutralization. <i>PLoS ONE</i> , 2007, 2, e705.	2.5	39
77	Felid herpesvirus 1 glycoprotein G is a structural protein that mediates the binding of chemokines on the viral envelope. <i>Microbes and Infection</i> , 2006, 8, 2657-2667.	1.9	23
78	Evolution of Bovine herpesvirus 4: recombination and transmission between African buffalo and cattle. <i>Journal of General Virology</i> , 2006, 87, 1509-1519.	2.9	30
79	Murine gammaherpesvirus-68 glycoprotein H&E“glycoprotein L complex is a major target for neutralizing monoclonal antibodies. <i>Journal of General Virology</i> , 2006, 87, 1465-1475.	2.9	43
80	Recombinant Bovine Herpesvirus 4 (BoHV-4) Expressing Glycoprotein D of BoHV-1 Is Immunogenic and Elicits Serum-Neutralizing Antibodies against BoHV-1 in a Rabbit Model. <i>Vaccine Journal</i> , 2006, 13, 1246-1254.	3.1	21
81	Murine gammaherpesvirus-68 glycoprotein B presents a difficult neutralization target to monoclonal antibodies derived from infected mice. <i>Journal of General Virology</i> , 2006, 87, 3515-3527.	2.9	34
82	Pro-inflammatory properties for thiazolidinediones. <i>Biochemical Pharmacology</i> , 2005, 69, 255-265.	4.4	23
83	Antibodies against bovine herpesvirus 4 are highly prevalent in wild African buffaloes throughout eastern and southern Africa. <i>Veterinary Microbiology</i> , 2005, 110, 209-220.	1.9	19
84	Bovine Herpesvirus 4 Induces Apoptosis of Human Carcinoma Cell Lines In vitro and In vivo. <i>Cancer Research</i> , 2005, 65, 9463-9472.	0.9	28
85	Gynogenesis induction and sex determination in the Eurasian perch, <i>Perca fluviatilis</i> . <i>Aquaculture</i> , 2005, 243, 411-415.	3.5	18
86	Genetic immunisation of cattle against Bovine herpesvirus 1: glycoprotein gD confers higher protection than glycoprotein gC or tegument protein VP8. <i>Veterinary Research</i> , 2005, 36, 529-544.	3.0	19
87	The core 2 $\beta$ -1,6-N-acetylglucosaminyltransferase-M encoded by bovine herpesvirus 4 is not essential for virus replication despite contributing to post-translational modifications of structural proteins. <i>Journal of General Virology</i> , 2004, 85, 355-367.	2.9	17
88	Glycosyltransferases encoded by viruses. <i>Journal of General Virology</i> , 2004, 85, 2741-2754.	2.9	97