

# Marc-André Langlois

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,636  
citations

318942

23  
h-index

232693

48  
g-index

64  
all docs

64  
docs citations

64  
times ranked

4200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Platelets Can Associate With SARS-CoV-2 RNA and Are Hyperactivated in COVID-19. <i>Circulation Research</i> , 2020, 127, 1404-1418.	2.0	394
2	Quantitative analysis of SARS-CoV-2 RNA from wastewater solids in communities with low COVID-19 incidence and prevalence. <i>Water Research</i> , 2021, 188, 116560.	5.3	297
3	Humoral Responses and Serological Assays in SARS-CoV-2 Infections. <i>Frontiers in Immunology</i> , 2020, 11, 610688.	2.2	190
4	Mutational comparison of the single-domained APOBEC3C and double-domained APOBEC3F/G anti-retroviral cytidine deaminases provides insight into their DNA target site specificities. <i>Nucleic Acids Research</i> , 2005, 33, 1913-1923.	6.5	162
5	DNA Deamination in Immunity: AID in the Context of Its APOBEC Relatives. <i>Advances in Immunology</i> , 2007, 94, 37-73.	1.1	152
6	Mouse APOBEC3 Restricts Friend Leukemia Virus Infection and Pathogenesis In Vivo. <i>Journal of Virology</i> , 2008, 82, 10998-11008.	1.5	108
7	Cytoplasmic and Nuclear Retained DMPK mRNAs Are Targets for RNA Interference in Myotonic Dystrophy Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 16949-16954.	1.6	100
8	Hammerhead ribozyme-mediated destruction of nuclear foci in myotonic dystrophy myoblasts. <i>Molecular Therapy</i> , 2003, 7, 670-680.	3.7	87
9	Binding of RNA by APOBEC3G controls deamination-independent restriction of retroviruses. <i>Nucleic Acids Research</i> , 2013, 41, 7438-7452.	6.5	84
10	Viral vector producing antisense RNA restores myotonic dystrophy myoblast functions. <i>Gene Therapy</i> , 2003, 10, 795-802.	2.3	78
11	HnRNP H inhibits nuclear export of mRNA containing expanded CUG repeats and a distal branch point sequence. <i>Nucleic Acids Research</i> , 2005, 33, 3866-3874.	6.5	76
12	Towards defining reference materials for measuring extracellular vesicle refractive index, epitope abundance, size and concentration. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1816641.	5.5	70
13	A scalable serology solution for profiling humoral immune responses to SARS-CoV-2 infection and vaccination. <i>Clinical and Translational Immunology</i> , 2022, 11, e1380.	1.7	65
14	The AKV Murine Leukemia Virus Is Restricted and Hypermutated by Mouse APOBEC3. <i>Journal of Virology</i> , 2009, 83, 11550-11559.	1.5	54
15	A Novel Semiconductor-Based Flow Cytometer with Enhanced Light-Scatter Sensitivity for the Analysis of Biological Nanoparticles. <i>Scientific Reports</i> , 2019, 9, 16039.	1.6	54
16	Human APOBEC3G Can Restrict Retroviral Infection in Avian Cells and Acts Independently of both UNG and SMUG1. <i>Journal of Virology</i> , 2008, 82, 4660-4664.	1.5	47
17	Relative Ratios of Human Seasonal Coronavirus Antibodies Predict the Efficiency of Cross-Neutralization of SARS-CoV-2 Spike Binding to ACE2. <i>EBioMedicine</i> , 2021, 74, 103700.	2.7	37
18	Platelet activation by SARS-CoV-2 implicates the release of active tissue factor by infected cells. <i>Blood Advances</i> , 2022, 6, 3593-3605.	2.5	37

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19	Insights into DNA deaminases. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 7-9.	3.6	32
20	Adapting Serosurveys for the SARS-CoV-2 Vaccine Era. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofab632.	0.4	30
21	Single-Particle Discrimination of Retroviruses from Extracellular Vesicles by Nanoscale Flow Cytometry. <i>Scientific Reports</i> , 2017, 7, 17769.	1.6	27
22	RNA-binding residues in the N-terminus of APOBEC3G influence its DNA sequence specificity and retrovirus restriction efficiency. <i>Virology</i> , 2015, 483, 141-148.	1.1	26
23	Single-particle characterization of oncolytic vaccinia virus by flow virometry. <i>Vaccine</i> , 2016, 34, 5082-5089.	1.7	26
24	Intracellular ribozyme applications. <i>Biochemical Society Transactions</i> , 2002, 30, 1140-1145.	1.6	25
25	N-Linked Glycosylation Protects Gammaretroviruses against Deamination by APOBEC3 Proteins. <i>Journal of Virology</i> , 2015, 89, 2342-2357.	1.5	24
26	Dried blood spot specimens for SARS-CoV-2 antibody testing: A multi-site, multi-assay comparison. <i>PLoS ONE</i> , 2021, 16, e0261003.	1.1	24
27	In Vitro Hepatitis C Virus Infection and Hepatic Choline Metabolism. <i>Viruses</i> , 2020, 12, 108.	1.5	23
28	Binding of <i>Mycoplasma arthritidis</i> -derived mitogen to human MHC class II molecules via its N terminus is modulated by invariant chain expression and its C terminus is required for T cell activation. <i>European Journal of Immunology</i> , 2000, 30, 1748-1756.	1.6	21
29	Assessment of SARS-CoV-2 Seropositivity During the First and Second Viral Waves in 2020 and 2021 Among Canadian Adults. <i>JAMA Network Open</i> , 2022, 5, e2146798.	2.8	20
30	Effect of hemodialysis on extracellular vesicles and circulating submicron particles. <i>BMC Nephrology</i> , 2019, 20, 294.	0.8	19
31	Identification of a High-Frequency Intra-host SARS-CoV-2 Spike Variant with Enhanced Cytopathic and Fusogenic Effects. <i>MBio</i> , 2021, 12, e0078821.	1.8	19
32	Full-Length Glycosylated Gag of Murine Leukemia Virus Can Associate with the Viral Envelope as a Type I Integral Membrane Protein. <i>Journal of Virology</i> , 2018, 92, .	1.5	18
33	Involvement of zinc in the binding of <i>Mycoplasma arthritidis</i> -derived mitogen to the proximity of the HLA-DR binding groove regardless of histidine 81 of the $\beta$ chain. <i>European Journal of Immunology</i> , 2002, 32, 50-58.	1.6	17
34	Meta-Analysis and Structural Dynamics of the Emergence of Genetic Variants of SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2021, 12, 676314.	1.5	17
35	Household transmission of SARS-CoV-2 from unvaccinated asymptomatic and symptomatic household members with confirmed SARS-CoV-2 infection: an antibody-surveillance study. <i>CMAJ Open</i> , 2022, 10, E357-E366.	1.1	16
36	Characterization of molecular attributes that influence LINE-1 restriction by all seven human APOBEC3 proteins. <i>Virology</i> , 2018, 520, 127-136.	1.1	14

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37	Intact Viral Particle Counts Measured by Flow Virometry Provide Insight into the Infectivity and Genome Packaging Efficiency of Moloney Murine Leukemia Virus. <i>Journal of Virology</i> , 2020, 94, .	1.5	14
38	Homogeneous surrogate virus neutralization assay to rapidly assess neutralization activity of anti-SARS-CoV-2 antibodies. <i>Nature Communications</i> , 2022, 13, .	5.8	14
39	Zinc-binding Sites in the N Terminus of Mycoplasma arthritidis-derived Mitogen Permit the Dimer Formation Required for High Affinity Binding to HLA-DR and for T Cell Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 22309-22315.	1.6	13
40	Comparative analysis of the gene-inactivating potential of retroviral restriction factors APOBEC3F and APOBEC3G. <i>Journal of General Virology</i> , 2015, 96, 2878-2887.	1.3	9
41	Real-world serological responses to extended-interval and heterologous COVID-19 mRNA vaccination in frail, older people (UNCoVER): an interim report from a prospective observational cohort study. <i>The Lancet Healthy Longevity</i> , 2022, 3, e166-e175.	2.0	9
42	Deamination intensity profiling of human APOBEC3 protein activity along the near full-length genomes of HIV-1 and MoMLV by HyperHRM analysis. <i>Virology</i> , 2014, 448, 168-175.	1.1	8
43	CTN 328: immunogenicity outcomes in people living with HIV in Canada following vaccination for COVID-19 (HIV-COV): protocol for an observational cohort study. <i>BMJ Open</i> , 2021, 11, e054208.	0.8	7
44	Seropositivity and risk factors for SARS-CoV-2 infection in a South Asian community in Ontario: a cross-sectional analysis of a prospective cohort study. <i>CMAJ Open</i> , 2022, 10, E599-E609.	1.1	7
45	Antibody Seronegativity in COVID-19 RT-PCRâ€“Positive Children. <i>Pediatric Infectious Disease Journal</i> , 2022, 41, e318-e320.	1.1	5
46	SARS-CoV-2 Seroprevalence During the First and Second Pandemic Waves in Canada. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
47	Circulating extracellular vesicles during pregnancy in women with type 1 diabetes: a secondary analysis of the CONCEPTT trial. <i>Biomarker Research</i> , 2021, 9, 67.	2.8	4
48	Flow Virometry for Characterizing the Size, Concentration, and Surface Antigens of Viruses. <i>Current Protocols</i> , 2022, 2, e368.	1.3	2
49	Reply to: Misinterpretation of solid sphere equivalent refractive index measurements and smallest detectable diameters of extracellular vesicles by flow cytometry. <i>Scientific Reports</i> , 2021, 11, 24170.	1.6	2
50	Mother's Milk and Intrinsic Immunity. <i>Cell Host and Microbe</i> , 2010, 8, 467-469.	5.1	1
51	Selective Isolation of Retroviruses from Extracellular Vesicles by Intact Virion Immunoprecipitation. <i>Bio-protocol</i> , 2018, 8, e3005.	0.2	1
52	Influence of GlycoGag on the Incorporation of Host Membrane Proteins Into the Envelope of the Moloney Murine Leukemia Virus. <i>Frontiers in Virology</i> , 2021, 1, .	0.7	1
53	Viral core stability assay. <i>Bio-protocol</i> , 2018, 8, e3019.	0.2	0