

# Rafael A Larocca

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,380  
citations

331642

21  
h-index

395678

33  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective efficacy of multiple vaccine platforms against Zika virus challenge in rhesus monkeys. <i>Science</i> , 2016, 353, 1129-1132.	12.6	461
2	Vaccine protection against Zika virus from Brazil. <i>Nature</i> , 2016, 536, 474-478.	27.8	460
3	Zika Virus Persistence in the Central Nervous System and Lymph Nodes of Rhesus Monkeys. <i>Cell</i> , 2017, 169, 610-620.e14.	28.9	191
4	Preliminary aggregate safety and immunogenicity results from three trials of a purified inactivated Zika virus vaccine candidate: phase 1, randomised, double-blind, placebo-controlled clinical trials. <i>Lancet</i> , The, 2018, 391, 563-571.	13.7	165
5	Durability and correlates of vaccine protection against Zika virus in rhesus monkeys. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	108
6	Fetal Neuropathology in Zika Virus-Infected Pregnant Female Rhesus Monkeys. <i>Cell</i> , 2018, 173, 1111-1122.e10.	28.9	104
7	Leptin deficiency impairs maturation of dendritic cells and enhances induction of regulatory T cells and Th17 cells. <i>European Journal of Immunology</i> , 2014, 44, 794-806.	2.9	89
8	Vaccine-elicited CD4 T cells induce immunopathology after chronic LCMV infection. <i>Science</i> , 2015, 347, 278-282.	12.6	71
9	Rational Zika vaccine design via the modulation of antigen membrane anchors in chimpanzee adenoviral vectors. <i>Nature Communications</i> , 2018, 9, 2441.	12.8	69
10	NS1 DNA vaccination protects against Zika infection through T cell-mediated immunity in immunocompetent mice. <i>Science Advances</i> , 2019, 5, eaax2388.	10.3	64
11	Potent Zika and dengue cross-neutralizing antibodies induced by Zika vaccination in a dengue-experienced donor. <i>Nature Medicine</i> , 2020, 26, 228-235.	30.7	61
12	Fragile TIM-4-expressing tissue resident macrophages are migratory and immunoregulatory. <i>Journal of Clinical Investigation</i> , 2014, 124, 3443-3454.	8.2	56
13	Adipose Tissue-Derived Mesenchymal Stem Cells Increase Skin Allograft Survival and Inhibit Th-17 Immune Response. <i>PLoS ONE</i> , 2013, 8, e76396.	2.5	47
14	Therapeutic and protective efficacy of a dengue antibody against Zika infection in rhesus monkeys. <i>Nature Medicine</i> , 2018, 24, 721-723.	30.7	46
15	Adenoviral vector type 26 encoding Zika virus (ZIKV) M-Env antigen induces humoral and cellular immune responses and protects mice and nonhuman primates against ZIKV challenge. <i>PLoS ONE</i> , 2018, 13, e0202820.	2.5	45
16	A Double-Blind, Randomized, Placebo-Controlled Phase 1 Study of Ad26.ZIKV.001, an Ad26-Vectored Anti-Zika Virus Vaccine. <i>Annals of Internal Medicine</i> , 2021, 174, 585-594.	3.9	44
17	Immediate Dysfunction of Vaccine-Elicited CD8+ T Cells Primed in the Absence of CD4+ T Cells. <i>Journal of Immunology</i> , 2016, 197, 1809-1822.	0.8	41
18	Leptin Modulates Allograft Survival by Favoring a Th2 and a Regulatory Immune Profile. <i>American Journal of Transplantation</i> , 2013, 13, 36-44.	4.7	37

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19	Adenovirus Vector-Based Vaccines Confer Maternal-Fetal Protection against Zika Virus Challenge in Pregnant IFN- $\beta$ Mice. <i>Cell Host and Microbe</i> , 2019, 26, 591-600.e4.	11.0	26
20	Longitudinal Requirement for CD4+ T Cell Help for Adenovirus Vector-Elicited CD8+ T Cell Responses. <i>Journal of Immunology</i> , 2014, 192, 5214-5225.	0.8	25
21	Rapid Cloning of Novel Rhesus Adenoviral Vaccine Vectors. <i>Journal of Virology</i> , 2018, 92, .	3.4	24
22	Therapeutic Efficacy of Vectored PGT121 Gene Delivery in HIV-1-Infected Humanized Mice. <i>Journal of Virology</i> , 2018, 92, .	3.4	24
23	Immunogenicity and Efficacy of Zika Virus Envelope Domain III in DNA, Protein, and ChAdOx1 Adenoviral-Vectored Vaccines. <i>Vaccines</i> , 2020, 8, 307.	4.4	18
24	Adenovirus serotype 5 vaccine vectors trigger IL-27-dependent inhibitory CD4 <sup>+</sup> T cell responses that impair CD8 <sup>+</sup> T cell function. <i>Science Immunology</i> , 2016, 1, .	11.9	16
25	Transient CD4 <sup>+</sup> T Cell Depletion Results in Delayed Development of Functional Vaccine-Elicited Antibody Responses. <i>Journal of Virology</i> , 2016, 90, 4278-4288.	3.4	13
26	Hexon Hypervariable Region-Modified Adenovirus Type 5 (Ad5) Vectors Display Reduced Hepatotoxicity but Induce T Lymphocyte Phenotypes Similar to Ad5 Vectors. <i>Vaccine Journal</i> , 2014, 21, 1137-1144.	3.1	12
27	Protective efficacy of an attenuated Mtb $\Delta$ LprG vaccine in mice. <i>PLoS Pathogens</i> , 2020, 16, e1009096.	4.7	12
28	Combined HDAC and BET Inhibition Enhances Melanoma Vaccine Immunogenicity and Efficacy. <i>Journal of Immunology</i> , 2018, 201, 2744-2752.	0.8	11
29	Alpha-defensin 5 differentially modulates adenovirus vaccine vectors from different serotypes in vivo. <i>PLoS Pathogens</i> , 2019, 15, e1008180.	4.7	10
30	Assessment of Immunogenicity and Efficacy of a Zika Vaccine Using Modified Vaccinia Ankara Virus as Carriers. <i>Pathogens</i> , 2019, 8, 216.	2.8	9
31	Adenovirus Vector Vaccination Impacts NK Cell Rheostat Function following Lymphocytic Choriomeningitis Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	7
32	Immunogenicity and Cross-Reactivity of Rhesus Adenoviral Vectors. <i>Journal of Virology</i> , 2018, 92, .	3.4	7
33	Impact of prior Dengue immunity on Zika vaccine protection in rhesus macaques and mice. <i>PLoS Pathogens</i> , 2021, 17, e1009673.	4.7	7