Rafael A Larocca

List of Publications by Citations

33 papers	1,796 citations	19 h-index	33 g-index
33 ext. papers	2,142 ext. citations	18 avg, IF	3.84 L-index

#	Paper	IF	Citations
33	Protective efficacy of multiple vaccine platforms against Zika virus challenge in rhesus monkeys. *Science*, **2016**, 353, 1129-32	33.3	386
32	Vaccine protection against Zika virus from Brazil. *Nature*, **2016**, 536, 474-8	50.4	383
31	Zika Virus Persistence in the Central Nervous System and Lymph Nodes of Rhesus Monkeys. *Cell*, **2017**, 169, 610-620.e14	56.2	139
30	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. *Lancet, The*, **2018**, 391, 563-571	40	126
29	Durability and correlates of vaccine protection against Zika virus in rhesus monkeys. *Science Translational Medicine*, **2017**, 9,	17.5	80
28	Fetal Neuropathology in Zika Virus-Infected Pregnant Female Rhesus Monkeys. *Cell*, **2018**, 173, 1111-1122.e10	56.2	77
27	Leptin deficiency impairs maturation of dendritic cells and enhances induction of regulatory T and Th17 cells. *European Journal of Immunology*, **2014**, 44, 794-806	6.1	66
26	Rational Zika vaccine design via the modulation of antigen membrane anchors in chimpanzee adenoviral vectors. *Nature Communications*, **2018**, 9, 2441	17.4	51
25	Vaccine-elicited CD4 T cells induce immunopathology after chronic LCMV infection. *Science*, **2015**, 347, 278-82	33.3	50
24	Fragile TIM-4-expressing tissue resident macrophages are migratory and immunoregulatory. *Journal of Clinical Investigation*, **2014**, 124, 3443-54	15.9	42
23	Adipose tissue-derived mesenchymal stem cells increase skin allograft survival and inhibit Th-17 immune response. *PLoS ONE*, **2013**, 8, e76396	3.7	38
22	Therapeutic and protective efficacy of a dengue antibody against Zika infection in rhesus monkeys. *Nature Medicine*, **2018**, 24, 721-723	50.5	35
21	Immediate Dysfunction of Vaccine-Elicited CD8+ T Cells Primed in the Absence of CD4+ T Cells. *Journal of Immunology*, **2016**, 197, 1809-22	5.3	32
20	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. *PLoS ONE*, **2018**, 13, e0202820	3.7	32
19	NS1 DNA vaccination protects against Zika infection through T cell-mediated immunity in immunocompetent mice. *Science Advances*, **2019**, 5, eaax2388	14.3	32
18	Leptin deficiency modulates allograft survival by favoring a Th2 and a regulatory immune profile. [corrected]. *American Journal of Transplantation*, **2013**, 13, 36-44	8.7	31
17	Potent Zika and dengue cross-neutralizing antibodies induced by Zika vaccination in a dengue-experienced donor. *Nature Medicine*, **2020**, 26, 228-235	50.5	30

List of Publications

16	Longitudinal requirement for CD4+ T cell help for adenovirus vector-elicited CD8+ T cell responses. *Journal of Immunology*, **2014**, 192, 5214-25	5.3	22
15	Therapeutic Efficacy of Vectored PGT121 Gene Delivery in HIV-1-Infected Humanized Mice. *Journal of Virology*, **2018**, 92,	6.6	20
14	Rapid Cloning of Novel Rhesus Adenoviral Vaccine Vectors. *Journal of Virology*, **2018**, 92,	6.6	16
13	Adenovirus Vector-Based Vaccines Confer Maternal-Fetal Protection against Zika Virus Challenge in Pregnant IFN-R Mice. *Cell Host and Microbe*, **2019**, 26, 591-600.e4	23.4	14
12	A Double-Blind, Randomized, Placebo-Controlled Phase 1 Study of Ad26.ZIKV.001, an Ad26-Vectored Anti-Zika Virus Vaccine. *Annals of Internal Medicine*, **2021**, 174, 585-594	8	14
11	Adenovirus serotype 5 vaccine vectors trigger IL-27-dependent inhibitory CD4 T cell responses that impair CD8 T cell function. *Science Immunology*, **2016**, 1,	28	12
10	Hexon hypervariable region-modified adenovirus type 5 (Ad5) vectors display reduced hepatotoxicity but induce T lymphocyte phenotypes similar to Ad5 vectors. *Vaccine Journal*, **2014**, 21, 1137-44		11
9	Transient CD4+ T Cell Depletion Results in Delayed Development of Functional Vaccine-Elicited Antibody Responses. *Journal of Virology*, **2016**, 90, 4278-4288	6.6	9
8	Immunogenicity and Efficacy of Zika Virus Envelope Domain III in DNA, Protein, and ChAdOx1 Adenoviral-Vectored Vaccines. *Vaccines*, **2020**, 8,	5.3	8
7	Combined HDAC and BET Inhibition Enhances Melanoma Vaccine Immunogenicity and Efficacy. *Journal of Immunology*, **2018**, 201, 2744-2752	5.3	8
6	Protective efficacy of an attenuated Mtb prG vaccine in mice. *PLoS Pathogens*, **2020**, 16, e1009096	7.6	7
5	Adenovirus Vector Vaccination Impacts NK Cell Rheostat Function following Lymphocytic Choriomeningitis Virus Infection. *Journal of Virology*, **2018**, 92,	6.6	6
4	Immunogenicity and Cross-Reactivity of Rhesus Adenoviral Vectors. *Journal of Virology*, **2018**, 92,	6.6	6
3	Assessment of Immunogenicity and Efficacy of a Zika Vaccine Using Modified Vaccinia Ankara Virus as Carriers. *Pathogens*, **2019**, 8,	4.5	6
2	Alpha-defensin 5 differentially modulates adenovirus vaccine vectors from different serotypes in vivo. *PLoS Pathogens*, **2019**, 15, e1008180	7.6	5
1	Impact of prior Dengue immunity on Zika vaccine protection in rhesus macaques and mice. *PLoS Pathogens*, **2021**, 17, e1009673	7.6	2