

# Nadine Rouphael

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10729648/publications.pdf>

Version: 2024-02-01

32  
papers

5,304  
citations

279487

23  
h-index

414034

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

11359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systems biological assessment of immunity to mild versus severe COVID-19 infection in humans. <i>Science</i> , 2020, 369, 1210-1220.	6.0	947
2	Molecular signatures of antibody responses derived from a systems biology study of five human vaccines. <i>Nature Immunology</i> , 2014, 15, 195-204.	7.0	672
3	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 1372-1377.	6.0	459
4	Rapid Generation of Neutralizing Antibody Responses in COVID-19 Patients. <i>Cell Reports Medicine</i> , 2020, 1, 100040.	3.3	421
5	Antibiotics-Driven Gut Microbiome Perturbation Alters Immunity to Vaccines in Humans. <i>Cell</i> , 2019, 178, 1313-1328.e13.	13.5	402
6	Longitudinal analysis shows durable and broad immune memory after SARS-CoV-2 infection with persisting antibody responses and memory B and T cells. <i>Cell Reports Medicine</i> , 2021, 2, 100354.	3.3	316
7	Systems Analysis of Immunity to Influenza Vaccination across Multiple Years and in Diverse Populations Reveals Shared Molecular Signatures. <i>Immunity</i> , 2015, 43, 1186-1198.	6.6	286
8	Metabolic Phenotypes of Response to Vaccination in Humans. <i>Cell</i> , 2017, 169, 862-877.e17.	13.5	234
9	Infection- and vaccine-induced antibody binding and neutralization of the B.1.351 SARS-CoV-2 variant. <i>Cell Host and Microbe</i> , 2021, 29, 516-521.e3.	5.1	199
10	Innate, T-, and B-Cell Responses in Acute Human Zika Patients. <i>Clinical Infectious Diseases</i> , 2018, 66, 1-10.	2.9	162
11	mRNA-1273 and BNT162b2 mRNA vaccines have reduced neutralizing activity against the SARS-CoV-2 omicron variant. <i>Cell Reports Medicine</i> , 2022, 3, 100529.	3.3	158
12	The single-cell epigenomic and transcriptional landscape of immunity to influenza vaccination. <i>Cell</i> , 2021, 184, 3915-3935.e21.	13.5	133
13	Serological Responses to an Avian Influenza A/H7N9 Vaccine Mixed at the Point-of-Use With MF59 Adjuvant. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 1409.	3.8	126
14	Development of a Rapid Focus Reduction Neutralization Test Assay for Measuring SARS-CoV-2 Neutralizing Antibodies. <i>Current Protocols in Immunology</i> , 2020, 131, e116.	3.6	111
15	Triplex Real-Time RT-PCR for Severe Acute Respiratory Syndrome Coronavirus 2. <i>Emerging Infectious Diseases</i> , 2020, 26, 1633-1635.	2.0	104
16	Rapid decline in vaccine-boosted neutralizing antibodies against SARS-CoV-2 Omicron variant. <i>Cell Reports Medicine</i> , 2022, 3, 100679.	3.3	100
17	Adjuvanted H5N1 influenza vaccine enhances both cross-reactive memory B cell and strain-specific naive B cell responses in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17957-17964.	3.3	57
18	The Future of Flu: A Review of the Human Challenge Model and Systems Biology for Advancement of Influenza Vaccinology. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 107.	1.8	53

#	ARTICLE	IF	CITATIONS
19	Systems Vaccinology for a Live Attenuated Tularemia Vaccine Reveals Unique Transcriptional Signatures That Predict Humoral and Cellular Immune Responses. <i>Vaccines</i> , 2020, 8, 4.	2.1	40
20	Broadly Reactive Human CD8 T Cells that Recognize an Epitope Conserved between VZV, HSV and EBV. <i>PLoS Pathogens</i> , 2014, 10, e1004008.	2.1	36
21	Varicella-Zoster Virusâ€™ Specific Cellular Immune Responses to the Live Attenuated Zoster Vaccine in Young and Older Adults. <i>Journal of Immunology</i> , 2017, 199, 604-612.	0.4	33
22	Systems Biology of Vaccination in the Elderly. <i>Current Topics in Microbiology and Immunology</i> , 2012, 363, 117-142.	0.7	28
23	Clinical, Virologic, and Immunologic Characteristics of Zika Virus Infection in a Cohort of US Patients: Prolonged RNA Detection in Whole Blood. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofy352.	0.4	26
24	Biphasic Zika Illness With Rash and Joint Pain. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx133.	0.4	20
25	Immunophenotyping assessment in a COVID-19 cohort (IMPACC): A prospective longitudinal study. <i>Science Immunology</i> , 2021, 6, .	5.6	20
26	Transcriptomic and Metabolic Responses to a Live-Attenuated <i>Francisella tularensis</i> Vaccine. <i>Vaccines</i> , 2020, 8, 412.	2.1	17
27	Pre-Existing Dengue Immunity Drives a DENV-Biased Plasmablast Response in ZIKV-Infected Patient. <i>Viruses</i> , 2019, 11, 19.	1.5	16
28	Pericarditis Associated With Acute Zika Virus Infection in a Returning Traveler. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx103.	0.4	14
29	The Role of Systems Vaccinology in Understanding the Immune Defects to Vaccination in Solid Organ Transplant Recipients. <i>Frontiers in Immunology</i> , 2020, 11, 582201.	2.2	7
30	Rapid Detection and Characterization of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Omicron Variant in a Returning Traveler. <i>Clinical Infectious Diseases</i> , 2022, 75, e350-e353.	2.9	7
31	Development and optimization of a Zika virus antibody-dependent cell-mediated cytotoxicity (ADCC) assay. <i>Journal of Immunological Methods</i> , 2021, 488, 112900.	0.6	6
32	Application of SARS-CoV-2 Serology to Address Public Health Priorities. <i>Frontiers in Public Health</i> , 2021, 9, 744535.	1.3	4