Nicolas Tchitchek

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8763813/publications.pdf

Version: 2024-02-01

61 papers	1,896 citations	304743 22 h-index	276875 41 g-index
65 all docs	65 docs citations	65 times ranked	3640 citing authors

#	Article	IF	Citations
1	The Tsallis generalized entropy enhances the interpretation of transcriptomics datasets. PLoS ONE, 2022, 17, e0266618.	2.5	2
2	Interleukinâ€7/Interferon Axis Drives T Cell and Salivary Gland Epithelial Cell Interactions in SjÃ¶grenâ€™s Syndrome. Arthritis and Rheumatology, 2021, 73, 631-640.	5.6	26
3	Bacnet: a user-friendly platform for building multi-omics websites. Bioinformatics, 2021, 37, 1335-1336.	4.1	1
4	Vaccine Inoculation Route Modulates Early Immunity and Consequently Antigen-Specific Immune Response. Frontiers in Immunology, 2021, 12, 645210.	4.8	38
5	Role of NKG2a/c+CD8+ TÂcells in pathogenic versus non-pathogenic SIV infections. IScience, 2021, 24, 102314.	4.1	8
6	Predictive Markers of Immunogenicity and Efficacy for Human Vaccines. Vaccines, 2021, 9, 579.	4.4	25
7	Naive and memory CD4+ T cell subsets can contribute to the generation of human Tfh cells. IScience, 2021, 25, 103566.	4.1	3
8	The Route of Vaccine Administration Determines Whether Blood Neutrophils Undergo Long-Term Phenotypic Modifications. Frontiers in Immunology, 2021, 12, 784813.	4.8	3
9	Modulation of Cell Surface Receptor Expression by Modified Vaccinia Virus Ankara in Leukocytes of Healthy and HIV-Infected Individuals. Frontiers in Immunology, 2020, 11, 2096.	4.8	3
10	Salivary gland epithelial cells from patients with SjÃ¶grenâ€™s syndrome induce B-lymphocyte survival and activation. Annals of the Rheumatic Diseases, 2020, 79, 1468-1477.	0.9	62
11	Innate Molecular and Cellular Signature in the Skin Preceding Long-Lasting T Cell Responses after Electroporated DNA Vaccination. Journal of Immunology, 2020, 204, 3375-3388.	0.8	11
12	Innate and secondary humoral responses are improved by increasing the time between MVA vaccine immunizations. Npj Vaccines, 2020, 5, 24.	6.0	24
13	Low-dose IL-2 in children with recently diagnosed type 1 diabetes: a Phase I/II randomised, double-blind, placebo-controlled, dose-finding study. Diabetologia, 2020, 63, 1808-1821.	6.3	50
14	Mechanisms of innate events during skin reaction following intradermal injection of seasonal influenza vaccine. Journal of Proteomics, 2020, 216, 103670.	2.4	7
15	Dynamics of Vaginal and Rectal Microbiota Over Several Menstrual Cycles in Female Cynomolgus Macaques. Frontiers in Cellular and Infection Microbiology, 2019, 9, 188.	3.9	24
16	Mass Cytometry Analysis Reveals Complex Cell-State Modifications of Blood Myeloid Cells During HIV Infection. Frontiers in Immunology, 2019, 10, 2677.	4.8	16
17	Characterization of Phenotypes and Functional Activities of Leukocytes From Rheumatoid Arthritis Patients by Mass Cytometry. Frontiers in Immunology, 2019, 10, 2384.	4.8	9
18	Characterization of Leukocytes From HIV-ART Patients Using Combined Cytometric Profiles of 72 Cell Markers. Frontiers in Immunology, 2019, 10, 1777.	4.8	11

#	Article	IF	Citations
19	Intradermal vaccination prevents anti-MOG autoimmune encephalomyelitis in macaques. EBioMedicine, 2019, 47, 492-505.	6.1	13
20	Cynomolgus macaque IL37 polymorphism and control of SIV infection. Scientific Reports, 2019, 9, 7981.	3.3	3
21	Progenitors from the central nervous system drive neurogenesis in cancer. Nature, 2019, 569, 672-678.	27.8	188
22	CytoBackBone: an algorithm for merging of phenotypic information from different cytometric profiles. Bioinformatics, 2019, 35, 4187-4189.	4.1	10
23	Early blood transcriptomic signature predicts patientsâ€™ outcome after out-of-hospital cardiac arrest. Resuscitation, 2019, 138, 222-232.	3.0	9
24	Seminal Plasma Exposures Strengthen Vaccine Responses in the Female Reproductive Tract Mucosae. Frontiers in Immunology, 2019, 10, 430.	4.8	1
25	NK cell immune responses differ after prime and boost vaccination. Journal of Leukocyte Biology, 2019, 105, 1055-1073.	3.3	20
26	Anti-MOG autoantibodies pathogenicity in children and macaques demyelinating diseases. Journal of Neuroinflammation, 2019, 16, 244.	7.2	14
27	Innate gene signature distinguishes humoral versus cytotoxic responses to influenza vaccination. Journal of Clinical Investigation, 2019, 129, 1960-1971.	8.2	41
28	Prime and Boost Vaccination Elicit a Distinct Innate Myeloid Cell Immune Response. Scientific Reports, 2018, 8, 3087.	3.3	35
29	A computational approach for phenotypic comparisons of cell populations in high-dimensional cytometry data. Methods, 2018, 132, 66-75.	3.8	36
30	Molecular and Cellular Dynamics in the Skin, the Lymph Nodes, and the Blood of the Immune Response to Intradermal Injection of Modified Vaccinia Ankara Vaccine. Frontiers in Immunology, 2018, 9, 870.	4.8	7
31	Mass Cytometry Analysis Reveals the Landscape and Dynamics of CD32a+ CD4+ T Cells From Early HIV Infection to Effective cART. Frontiers in Immunology, 2018, 9, 1217.	4.8	22
32	A high-resolution mass cytometry analysis reveals a delay of cytokines production after TLR4 or TLR7/8 engagements in HIV-1 infected humans. Cytokine, 2018, 111, 97-105.	3.2	9
33	Navigating in the vast and deep oceans of high-dimensional biological data. Methods, 2018, 132, 1-2.	3.8	1
34	Stage-specific IFN-induced and IFN gene expression reveal convergence of type I and type II IFN and highlight their role in both acute and chronic stage of pathogenic SIV infection. PLoS ONE, 2018, 13, e0190334.	2.5	10
35	SPADEVizR: an R package for visualization, analysis and integration of SPADE results. Bioinformatics, 2017, 33, 779-781.	4.1	53
36	Analysis methodology and development of a statistical tool for biodistribution data from internal contamination with actinides. Journal of Radiological Protection, 2017, 37, 296-308.	1.1	4

#	Article	IF	Citations
37	In depth comparative phenotyping of blood innate myeloid leukocytes from healthy humans and macaques using mass cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 969-982.	1.5	29
38	Modified Vaccinia Virus Ankara Vector Induces Specific Cellular and Humoral Responses in the Female Reproductive Tract, the Main HIV Portal of Entry. Journal of Immunology, 2017, 199, 1923-1932.	0.8	12
39	Myocardial Gene Expression Profiling to Predict and Identify Cardiac Allograft Acute Cellular Rejection: The GET-Study. PLoS ONE, 2016, 11, e0167213.	2.5	14
40	Identification of Vaccine-Altered Circulating B Cell Phenotypes Using Mass Cytometry and a Two-Step Clustering Analysis. Journal of Immunology, 2016, 196, 4814-4831.	0.8	28
41	The 1918 Influenza Virus PB2 Protein Enhances Virulence through the Disruption of Inflammatory and Wnt-Mediated Signaling in Mice. Journal of Virology, 2016, 90, 2240-2253.	3.4	31
42	Erythropoietin Levels Increase during Cerebral Malaria and Correlate with Heme, Interleukin-10 and Tumor Necrosis Factor-Alpha in India. PLoS ONE, 2016, 11, e0158420.	2.5	6
43	Evidence of IL-17, IP-10, and IL-10 involvement in multiple-organ dysfunction and IL-17 pathway in acute renal failure associated to Plasmodium falciparum malaria. Journal of Translational Medicine, 2015, 13, 369.	4.4	27
44	Delayed Inflammatory and Cell Death Responses Are Associated with Reduced Pathogenicity in Lujo Virus-Infected Cynomolgus Macaques. Journal of Virology, 2015, 89, 2543-2552.	3.4	11
45	Sequencing, Annotation and Analysis of the Syrian Hamster (Mesocricetus auratus) Transcriptome. PLoS ONE, 2014, 9, e112617.	2.5	24
46	Annotation of long non-coding RNAs expressed in Collaborative Cross founder mice in response to respiratory virus infection reveals a new class of interferon-stimulated transcripts. RNA Biology, 2014, 11, 875-890.	3.1	122
47	A comprehensive collection of systems biology data characterizing the host response to viral infection. Scientific Data, 2014, 1, 140033.	5.3	62
48	H7N9 and Other Pathogenic Avian Influenza Viruses Elicit a Three-Pronged Transcriptomic Signature That Is Reminiscent of 1918 Influenza Virus and Is Associated with Lethal Outcome in Mice. Journal of Virology, 2014, 88, 10556-10568.	3.4	63
49	Specific mutations in H5N1 mainly impact the magnitude and velocity of the host response in mice. BMC Systems Biology, 2013, 7, 69.	3.0	20
50	Systems approaches to influenza-virus host interactions and the pathogenesis of highly virulent and pandemic viruses. Seminars in Immunology, 2013, 25, 228-239.	5.6	52
51	1918 Influenza Virus Hemagglutinin (HA) and the Viral RNA Polymerase Complex Enhance Viral Pathogenicity, but Only HA Induces Aberrant Host Responses in Mice. Journal of Virology, 2013, 87, 5239-5254.	3.4	35
52	A Network Integration Approach to Predict Conserved Regulators Related to Pathogenicity of Influenza and SARS-CoV Respiratory Viruses. PLoS ONE, 2013, 8, e69374.	2.5	68
53	Expression sequence tag library derived from peripheral blood mononuclear cells of the chlorocebus sabaeus. BMC Genomics, 2012, 13, 279.	2.8	4
54	CDS: A Fold-change Based Statistical Test for Concomitant Identification of Distinctness and Similarity in Gene Expression Analysis. Genomics, Proteomics and Bioinformatics, 2012, 10, 127-135.	6.9	12

#	Article	IF	Citations
55	2009 pandemic H1N1 influenza virus elicits similar clinical course but differential host transcriptional response in mouse, macaque, and swine infection models. BMC Genomics, 2012, 13, 627.	2.8	50
56	Early transcriptional programming links progression to hepatitis C virus-induced severe liver disease in transplant patients. Hepatology, 2012, 56, 17-27.	7.3	20
57	A chemokine gene expression signature derived from meta-analysis predicts the pathogenicity of viral respiratory infections. BMC Systems Biology, 2011, 5, 202.	3.0	18
58	Mineralocorticoid Receptor Mutations Differentially Affect Individual Gene Expression Profiles in Pseudohypoaldosteronism Type 1. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E519-E527.	3.6	30
59	Improving the efficiency of multidimensional scaling in the analysis of high-dimensional data using singular value decomposition. Bioinformatics, 2011, 27, 1413-1421.	4.1	43
60	The Microbiota Mediates Pathogen Clearance from the Gut Lumen after Non-Typhoidal Salmonella Diarrhea. PLoS Pathogens, 2010, 6, e1001097.	4.7	314
61	Vaccine Inoculation Route Modulates Early Immunity and Consequently Antigen-Specific Immune Response. SSRN Electronic Journal, 0, , .	0.4	2