

Nacho Aguilo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1388170/publications.pdf>

Version: 2024-02-01

70
papers

2,583
citations

172457

29
h-index

214800

47
g-index

70
all docs

70
docs citations

70
times ranked

3078
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction, characterization and preclinical evaluation of MTBVAC, the first live-attenuated M. tuberculosis-based vaccine to enter clinical trials. <i>Vaccine</i> , 2013, 31, 4867-4873.	3.8	211
2	Safety of human immunisation with a live-attenuated Mycobacterium tuberculosis vaccine: a randomised, double-blind, controlled phase I trial. <i>Lancet Respiratory Medicine</i> , 2015, 3, 953-962.	10.7	148
3	Pulmonary but Not Subcutaneous Delivery of BCG Vaccine Confers Protection to Tuberculosis-Susceptible Mice by an Interleukin 17-Dependent Mechanism. <i>Journal of Infectious Diseases</i> , 2016, 213, 831-839.	4.0	120
4	ESX-1-induced apoptosis is involved in cell-to-cell spread of Mycobacterium tuberculosis. <i>Cellular Microbiology</i> , 2013, 15, 1994-2005.	2.1	116
5	Klebsiella pneumoniae survives within macrophages by avoiding delivery to lysosomes. <i>Cellular Microbiology</i> , 2015, 17, 1537-1560.	2.1	116
6	Reactogenicity to major tuberculosis antigens absent in BCG is linked to improved protection against Mycobacterium tuberculosis. <i>Nature Communications</i> , 2017, 8, 16085.	12.8	109
7	The biology of cytotoxic cell granule exocytosis pathway: granzymes have evolved to induce cell death and inflammation. <i>Microbes and Infection</i> , 2009, 11, 452-459.	1.9	92
8	Live-attenuated Mycobacterium tuberculosis vaccine MTBVAC versus BCG in adults and neonates: a randomised controlled, double-blind dose-escalation trial. <i>Lancet Respiratory Medicine</i> , 2019, 7, 757-770.	10.7	92
9	A Specific Polymorphism in Mycobacterium tuberculosis H37Rv Causes Differential ESAT-6 Expression and Identifies WhiB6 as a Novel ESX-1 Component. <i>Infection and Immunity</i> , 2014, 82, 3446-3456.	2.2	74
10	MTBVAC: Attenuating the Human Pathogen of Tuberculosis (TB) Toward a Promising Vaccine against the TB Epidemic. <i>Frontiers in Immunology</i> , 2017, 8, 1803.	4.8	70
11	Oxidative Phosphorylation Induces De Novo Expression of the MHC Class I in Tumor Cells through the ERK5 Pathway. <i>Journal of Immunology</i> , 2010, 185, 3498-3503.	0.8	58
12	Elucidating Sources and Roles of Granzymes A and B during Bacterial Infection and Sepsis. <i>Cell Reports</i> , 2014, 8, 420-429.	6.4	58
13	New live attenuated tuberculosis vaccine MTBVAC induces trained immunity and confers protection against experimental lethal pneumonia. <i>PLoS Pathogens</i> , 2020, 16, e1008404.	4.7	58
14	New insights into the transposition mechanisms of IS6110 and its dynamic distribution between Mycobacterium tuberculosis Complex lineages. <i>PLoS Genetics</i> , 2018, 14, e1007282.	3.5	57
15	IL-17-dependent SigA-mediated protection against nasal Bordetella pertussis infection by live attenuated BPZE1 vaccine. <i>Mucosal Immunology</i> , 2018, 11, 1753-1762.	6.0	55
16	MHC-I modulation due to changes in tumor cell metabolism regulates tumor sensitivity to CTL and NK cells. <i>OncImmunology</i> , 2015, 4, e985924.	4.6	48
17	MTBVAC from discovery to clinical trials in tuberculosis-endemic countries. <i>Expert Review of Vaccines</i> , 2017, 16, 565-576.	4.4	48
18	Deciphering the role of IS6110 in a highly transmissible Mycobacterium tuberculosis Beijing strain, GC1237. <i>Tuberculosis</i> , 2011, 91, 117-126.	1.9	47

#	ARTICLE	IF	CITATIONS
19	Protective immunity afforded by attenuated, PhoP-deficient <i>Mycobacterium tuberculosis</i> is associated with sustained generation of CD4 ⁺ T cell memory. <i>European Journal of Immunology</i> , 2012, 42, 385-392.	2.9	46
20	MTBVAC vaccine is safe, immunogenic and confers protective efficacy against <i>Mycobacterium tuberculosis</i> in newborn mice. <i>Tuberculosis</i> , 2016, 96, 71-74.	1.9	46
21	Cell death induced by cytotoxic CD8 ⁺ T cells is immunogenic and primes caspase-3-dependent spread immunity against endogenous tumor antigens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 8, e000528.		46
22	Pulmonary <i>Mycobacterium bovis</i> BCG Vaccination Confers Dose-Dependent Superior Protection Compared to That of Subcutaneous Vaccination. <i>Vaccine Journal</i> , 2014, 21, 594-597.	3.1	43
23	ESX-1-induced apoptosis during mycobacterial infection: to be or not to be, that is the question. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 88.	3.9	42
24	Bim is a crucial regulator of apoptosis induced by <i>Mycobacterium tuberculosis</i> . <i>Cell Death and Disease</i> , 2014, 5, e1343-e1343.	6.3	41
25	Stronger induction of trained immunity by mucosal BCG or MTBVAC vaccination compared to standard intradermal vaccination. <i>Cell Reports Medicine</i> , 2021, 2, 100185.	6.5	41
26	Update on TB Vaccine Pipeline. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2632.	2.5	38
27	Human NK cells activated by EBV ⁺ lymphoblastoid cells overcome anti-apoptotic mechanisms of drug resistance in haematological cancer cells. <i>Oncolmmunology</i> , 2015, 4, e991613.	4.6	36
28	Protein Kinase C- δ Is Required for NK Cell Activation and In Vivo Control of Tumor Progression. <i>Journal of Immunology</i> , 2009, 182, 1972-1981.	0.8	33
29	Recent developments in tuberculosis vaccines. <i>Expert Review of Vaccines</i> , 2013, 12, 1431-1448.	4.4	33
30	Attenuated <i>Mycobacterium tuberculosis</i> SO2 Vaccine Candidate Is Unable to Induce Cell Death. <i>PLoS ONE</i> , 2012, 7, e45213.	2.5	32
31	MTBVAC, a live TB vaccine poised to initiate efficacy trials 100 years after BCG. <i>Vaccine</i> , 2021, 39, 7277-7285.	3.8	31
32	ERK5 Knockdown Generates Mouse Leukemia Cells with Low MHC Class I Levels That Activate NK Cells and Block Tumorigenesis. <i>Journal of Immunology</i> , 2009, 182, 3398-3405.	0.8	28
33	Pulmonary BCG induces lung-resident macrophage activation and confers long-term protection against tuberculosis. <i>Science Immunology</i> , 2021, 6, eabc2934.	11.9	27
34	Pulmonary MTBVAC vaccination induces immune signatures previously correlated with prevention of tuberculosis infection. <i>Cell Reports Medicine</i> , 2021, 2, 100187.	6.5	26
35	The induction of Bim expression in human T-cell blasts is dependent on nonapoptotic Fas/CD95 signaling. <i>Blood</i> , 2007, 109, 1627-1635.	1.4	25
36	Hyper-attenuated MTBVAC erp mutant protects against tuberculosis in mice. <i>Vaccine</i> , 2014, 32, 5192-5197.	3.8	24

#	ARTICLE	IF	CITATIONS
37	Evaluation of the immunogenicity and efficacy of BCG and MTBVAC vaccines using a natural transmission model of tuberculosis. <i>Veterinary Research</i> , 2019, 50, 82.	3.0	22
38	Live attenuated TB vaccines representing the three modern <i>Mycobacterium tuberculosis</i> lineages reveal that the Euro-American genetic background confers optimal vaccine potential. <i>EBioMedicine</i> , 2020, 55, 102761.	6.1	22
39	Impaired anti-leukemic immune response in PKC δ -deficient mice. <i>Molecular Immunology</i> , 2008, 45, 3463-3469.	2.2	21
40	Granzyme B of cytotoxic T cells induces extramitochondrial reactive oxygen species production via caspase β -dependent NADPH oxidase activation. <i>Immunology and Cell Biology</i> , 2010, 88, 545-554.	2.3	21
41	Mouse Cytotoxic T Cell-derived Granzyme B Activates the Mitochondrial Cell Death Pathway in a Bim-dependent Fashion. <i>Journal of Biological Chemistry</i> , 2015, 290, 6868-6877.	3.4	21
42	Phenotypic and functional evaluation of CD3+CD4-CD8- T cells in human CD8 immunodeficiency. <i>Haematologica</i> , 2011, 96, 1195-1203.	3.5	18
43	Autoimmune lymphoproliferative syndrome (ALPS) in a patient with a new germline Fas gene mutation. <i>Immunobiology</i> , 2007, 212, 73-83.	1.9	17
44	Cell cycle regulation by FasL and Apo2L/TRAIL in human T-cell blasts. Implications for autoimmune lymphoproliferative syndromes. <i>Journal of Leukocyte Biology</i> , 2008, 84, 488-498.	3.3	17
45	Evaluation of the immunogenicity and diagnostic interference caused by <i>M. tuberculosis</i> SO2 vaccination against tuberculosis in goats. <i>Research in Veterinary Science</i> , 2015, 103, 73-79.	1.9	17
46	Cytotoxicity of quinone drugs on highly proliferative human leukemia T cells: Reactive oxygen species generation and inactive shortened SOD1 isoform implications. <i>Chemico-Biological Interactions</i> , 2012, 198, 18-28.	4.0	16
47	Determination of the Concentration of IgG against the Spike Receptor-Binding Domain That Predicts the Viral Neutralizing Activity of Convalescent Plasma and Serum against SARS-CoV-2. <i>Biology</i> , 2021, 10, 208.	2.8	16
48	Antigen-specific primed cytotoxic T cells eliminate tumour cells in vivo and prevent tumour development, regardless of the presence of anti-apoptotic mutations conferring drug resistance. <i>Cell Death and Differentiation</i> , 2018, 25, 1536-1548.	11.2	15
49	Evaluation of the <i>Mycobacterium tuberculosis</i> SO2 vaccine using a natural tuberculosis infection model in goats. <i>Veterinary Journal</i> , 2017, 223, 60-67.	1.7	14
50	MTBVAC-Based TB-HIV Vaccine Is Safe, Elicits HIV-T Cell Responses, and Protects against <i>Mycobacterium tuberculosis</i> in Mice. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 13, 253-264.	4.1	14
51	A human dendritic cell-based in vitro model to assess <i>Mycobacterium tuberculosis</i> SO2 vaccine immunogenicity. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2014, 31, 397-406.	1.5	12
52	Respiratory Immunization With a Whole Cell Inactivated Vaccine Induces Functional Mucosal Immunoglobulins Against Tuberculosis in Mice and Non-human Primates. <i>Frontiers in Microbiology</i> , 2020, 11, 1339.	3.5	11
53	IFN γ signaling through PKC δ is essential for antitumor NK cell function. <i>Oncot Immunology</i> , 2014, 3, e948705.	4.6	10
54	Protective Efficacy and Pulmonary Immune Response Following Subcutaneous and Intranasal BCG Administration in Mice. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	10

#	ARTICLE	IF	CITATIONS
55	BCG vaccination improves DTaP immune responses in mice and is associated with lower pertussis incidence in ecological epidemiological studies. <i>EBioMedicine</i> , 2021, 65, 103254.	6.1	10
56	Granzyme A Is Expressed in Mouse Lungs during <i>Mycobacterium tuberculosis</i> Infection but Does Not Contribute to Protection In Vivo. <i>PLoS ONE</i> , 2016, 11, e0153028.	2.5	10
57	The <i>Mycobacterium tuberculosis</i> PhoPR virulence system regulates expression of the universal second messenger c-di-AMP and impacts vaccine safety and efficacy. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 1235-1248.	5.1	10
58	Therapeutic efficacy of the live-attenuated <i>Mycobacterium tuberculosis</i> vaccine, MTBVAC, in a preclinical model of bladder cancer. <i>Translational Research</i> , 2018, 197, 32-42.	5.0	9
59	Therapeutic efficacy of pulmonary live tuberculosis vaccines against established asthma by subverting local immune environment. <i>EBioMedicine</i> , 2021, 64, 103186.	6.1	8
60	<i>Mycobacterium tuberculosis</i> infection prevents asthma and abrogates eosinophilopoiesis in an experimental model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2512-2514.	5.7	6
61	Breaking Transmission with Vaccines: The Case of Tuberculosis. <i>Microbiology Spectrum</i> , 2017, 5, .	3.0	6
62	Vacunaci3n frente a tuberculosis. <i>Enfermedades Infecciosas Y Microbiolog3a Cl3nica</i> , 2018, 36, 648-656.	0.5	4
63	Independent genomic polymorphisms in the PknH serine threonine kinase locus during evolution of the <i>Mycobacterium tuberculosis</i> Complex affect virulence and host preference. <i>PLoS Pathogens</i> , 2020, 16, e1009061.	4.7	4
64	Novel intravesical bacterial immunotherapy induces rejection of BCG-unresponsive established bladder tumors. , 2022, 10, e004325.		4
65	Vaccination against tuberculosis. <i>Enfermedades Infecciosas Y Microbiologia Clinica (English Ed)</i> , 2018, 36, 648-656.	0.3	3
66	Breaking Transmission with Vaccines: The Case of Tuberculosis. , 2019, , 249-261.		0
67	Title is missing!. , 2020, 16, e1009061.		0
68	Title is missing!. , 2020, 16, e1009061.		0
69	Title is missing!. , 2020, 16, e1009061.		0
70	Title is missing!. , 2020, 16, e1009061.		0