

Javier Rangel-Moreno

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

9,379
citations

66343

42
h-index

51608

86
g-index

115
all docs

115
docs citations

115
times ranked

11189
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-23 and IL-17 in the establishment of protective pulmonary CD4+ T cell responses after vaccination and during Mycobacterium tuberculosis challenge. <i>Nature Immunology</i> , 2007, 8, 369-377.	14.5	1,253
2	Defining inflammatory cell states in rheumatoid arthritis joint synovial tissues by integrating single-cell transcriptomics and mass cytometry. <i>Nature Immunology</i> , 2019, 20, 928-942.	14.5	760
3	Role of inducible bronchus associated lymphoid tissue (iBALT) in respiratory immunity. <i>Nature Medicine</i> , 2004, 10, 927-934.	30.7	658
4	Inducible bronchus-associated lymphoid tissue (iBALT) in patients with pulmonary complications of rheumatoid arthritis. <i>Journal of Clinical Investigation</i> , 2006, 116, 3183-3194.	8.2	388
5	The development of inducible bronchus-associated lymphoid tissue depends on IL-17. <i>Nature Immunology</i> , 2011, 12, 639-646.	14.5	359
6	Interleukin-17 Is Required for T Helper 1 Cell Immunity and Host Resistance to the Intracellular Pathogen <i>Francisella tularensis</i> . <i>Immunity</i> , 2009, 31, 799-810.	14.3	255
7	Development of Secondary Lymphoid Organs. <i>Annual Review of Immunology</i> , 2008, 26, 627-650.	21.8	254
8	Ectopic lymphoid tissues and local immunity. <i>Seminars in Immunology</i> , 2008, 20, 26-42.	5.6	239
9	Pathological role of interleukin 17 in mice subjected to repeated BCG vaccination after infection with <i>Mycobacterium tuberculosis</i> . <i>Journal of Experimental Medicine</i> , 2010, 207, 1609-1616.	8.5	230
10	Unexpected Role for IL-17 in Protective Immunity against Hypervirulent <i>Mycobacterium tuberculosis</i> HN878 Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004099.	4.7	222
11	Persistence and Responsiveness of Immunologic Memory in the Absence of Secondary Lymphoid Organs. <i>Immunity</i> , 2006, 25, 643-654.	14.3	220
12	Omental Milky Spots Develop in the Absence of Lymphoid Tissue-Inducer Cells and Support B and T Cell Responses to Peritoneal Antigens. <i>Immunity</i> , 2009, 30, 731-743.	14.3	218
13	S100A8/A9 Proteins Mediate Neutrophilic Inflammation and Lung Pathology during Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1137-1146.	5.6	216
14	CXCR5+ T helper cells mediate protective immunity against tuberculosis. <i>Journal of Clinical Investigation</i> , 2013, 123, 712-26.	8.2	203
15	Mucosal vaccination with attenuated <i>Mycobacterium tuberculosis</i> induces strong central memory responses and protects against tuberculosis. <i>Nature Communications</i> , 2015, 6, 8533.	12.8	196
16	IL-22 regulates lymphoid chemokine production and assembly of tertiary lymphoid organs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11024-11029.	7.1	173
17	IL-23 Is Required for Long-Term Control of <i>Mycobacterium tuberculosis</i> and B Cell Follicle Formation in the Infected Lung. <i>Journal of Immunology</i> , 2011, 187, 5402-5407.	0.8	172
18	Interleukin-17-dependent CXCL13 mediates mucosal vaccine-induced immunity against tuberculosis. <i>Mucosal Immunology</i> , 2013, 6, 972-984.	6.0	154

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19	Pulmonary expression of CXC chemokine ligand 13, CC chemokine ligand 19, and CC chemokine ligand 21 is essential for local immunity to influenza. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10577-10582.	7.1	153
20	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. <i>Nature</i> , 2019, 570, 528-532.	27.8	153
21	Production of RANKL by Memory B Cells: A Link Between B Cells and Bone Erosion in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 805-816.	5.6	138
22	CD4 T Cell-Independent Antibody Response Promotes Resolution of Primary Influenza Infection and Helps to Prevent Reinfection. <i>Journal of Immunology</i> , 2005, 175, 5827-5838.	0.8	129
23	In a Murine Tuberculosis Model, the Absence of Homeostatic Chemokines Delays Granuloma Formation and Protective Immunity. <i>Journal of Immunology</i> , 2009, 183, 8004-8014.	0.8	119
24	The role of prostaglandin E2 in the immunopathogenesis of experimental pulmonary tuberculosis. <i>Immunology</i> , 2002, 106, 257-266.	4.4	118
25	Profiling Early Lung Immune Responses in the Mouse Model of Tuberculosis. <i>PLoS ONE</i> , 2011, 6, e16161.	2.5	111
26	B cells inhibit bone formation in rheumatoid arthritis by suppressing osteoblast differentiation. <i>Nature Communications</i> , 2018, 9, 5127.	12.8	105
27	Targeting dendritic cells to accelerate T-cell activation overcomes a bottleneck in tuberculosis vaccine efficacy. <i>Nature Communications</i> , 2016, 7, 13894.	12.8	100
28	The immune landscape in tuberculosis reveals populations linked to disease and latency. <i>Cell Host and Microbe</i> , 2021, 29, 165-178.e8.	11.0	98
29	<i>Mycobacterium tuberculosis</i> carrying a rifampicin drug resistance mutation reprograms macrophage metabolism through cell wall lipid changes. <i>Nature Microbiology</i> , 2018, 3, 1099-1108.	13.3	90
30	Helminth-induced arginase-1 exacerbates lung inflammation and disease severity in tuberculosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4699-4713.	8.2	87
31	S100A8/A9 regulates CD11b expression and neutrophil recruitment during chronic tuberculosis. <i>Journal of Clinical Investigation</i> , 2020, 130, 3098-3112.	8.2	85
32	B Cells Promote Resistance to Heterosubtypic Strains of Influenza via Multiple Mechanisms. <i>Journal of Immunology</i> , 2008, 180, 454-463.	0.8	82
33	Neutrophil-Mediated IFN Activation in the Bone Marrow Alters B Cell Development in Human and Murine Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2014, 192, 906-918.	0.8	81
34	Immune requirements for protective Th17 recall responses to <i>Mycobacterium tuberculosis</i> challenge. <i>Mucosal Immunology</i> , 2015, 8, 1099-1109.	6.0	75
35	Novel role for IL-22 in protection during chronic <i>Mycobacterium tuberculosis</i> HN878 infection. <i>Mucosal Immunology</i> , 2017, 10, 1069-1081.	6.0	73
36	CD40, but Not CD154, Expression on B Cells Is Necessary for Optimal Primary B Cell Responses. <i>Journal of Immunology</i> , 2003, 171, 5707-5717.	0.8	72

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37	Infiltrating Myeloid Cells Exert Protumorigenic Actions via Neutrophil Elastase. <i>Molecular Cancer Research</i> , 2017, 15, 1138-1152.	3.4	66
38	Lipocalin 2 Regulates Inflammation during Pulmonary Mycobacterial Infections. <i>PLoS ONE</i> , 2012, 7, e50052.	2.5	59
39	Pneumocystis -Driven Inducible Bronchus-Associated Lymphoid Tissue Formation Requires Th2 and Th17 Immunity. <i>Cell Reports</i> , 2017, 18, 3078-3090.	6.4	57
40	Role of CXC Chemokine Ligand 13, CC Chemokine Ligand (CCL) 19, and CCL21 in the Organization and Function of Nasal-Associated Lymphoid Tissue. <i>Journal of Immunology</i> , 2005, 175, 4904-4913.	0.8	54
41	Immune correlates of tuberculosis disease and risk translate across species. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	52
42	A Unique Cellular and Molecular Microenvironment Is Present in Tertiary Lymphoid Organs of Patients with Spontaneous Prostate Cancer Regression. <i>Frontiers in Immunology</i> , 2017, 8, 563.	4.8	51
43	Antigen-specific clonal expansion and cytolytic effector function of CD8+ T lymphocytes depend on the transcription factor Bcl11b. <i>Journal of Experimental Medicine</i> , 2010, 207, 1687-1699.	8.5	48
44	Differential and Site Specific Impact of B Cells in the Protective Immune Response to Mycobacterium tuberculosis in the Mouse. <i>PLoS ONE</i> , 2013, 8, e61681.	2.5	45
45	A novel nanoemulsion vaccine induces mucosal Interleukin-17 responses and confers protection upon Mycobacterium tuberculosis challenge in mice. <i>Vaccine</i> , 2017, 35, 4983-4989.	3.8	45
46	Interleukin-17 limits hypoxia-inducible factor 1 α and development of hypoxic granulomas during tuberculosis. <i>JCI Insight</i> , 2017, 2, .	5.0	45
47	A novel role for CCR2 motif chemokine receptor 2 during infection with hypervirulent Mycobacterium tuberculosis. <i>Mucosal Immunology</i> , 2018, 11, 1727-1742.	6.0	43
48	A Novel Fluorescent and Bioluminescent Bireporter Influenza A Virus To Evaluate Viral Infections. <i>Journal of Virology</i> , 2019, 93, .	3.4	43
49	Epigenetic Suppression of SERPINB1 Promotes Inflammation-Mediated Prostate Cancer Progression. <i>Molecular Cancer Research</i> , 2019, 17, 845-859.	3.4	42
50	Pulmonary Expression of Oncostatin M (OSM) Promotes Inducible BALT Formation Independently of IL-6, Despite a Role for IL-6 in OSM-Driven Pulmonary Inflammation. <i>Journal of Immunology</i> , 2013, 191, 1453-1464.	0.8	38
51	STAT2 Signaling Regulates Macrophage Phenotype During Influenza and Bacterial Super-Infection. <i>Frontiers in Immunology</i> , 2018, 9, 2151.	4.8	38
52	Selective Ablation of Lung Epithelial IKK2 Impairs Pulmonary Th17 Responses and Delays the Clearance of <i>Pneumocystis</i> . <i>Journal of Immunology</i> , 2013, 191, 4720-4730.	0.8	34
53	Mucosal Pre-Exposure to Th17-Inducing Adjuvants Exacerbates Pathology after Influenza Infection. <i>American Journal of Pathology</i> , 2014, 184, 55-63.	3.8	34
54	Interactions between hormone-mediated and vaccine-mediated immunotherapy for pulmonary tuberculosis in BALB/c mice. <i>Immunology</i> , 2000, 100, 391-398.	4.4	32

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55	Bronchus-Associated Lymphoid Tissue (BALT) and Survival in a Vaccine Mouse Model of Tularemia. <i>PLoS ONE</i> , 2010, 5, e11156.	2.5	32
56	Transfer factors as immunotherapy and supplement of chemotherapy in experimental pulmonary tuberculosis. <i>Clinical and Experimental Immunology</i> , 2004, 136, 215-223.	2.6	31
57	Long-Term B Cell Depletion in Murine Lupus Eliminates Autoantibody-Secreting Cells and Is Associated with Alterations in the Kidney Plasma Cell Niche. <i>Journal of Immunology</i> , 2014, 192, 3011-3020.	0.8	30
58	Genetic ablation of histone deacetylase 2 leads to lung cellular senescence and lymphoid follicle formation in COPD/emphysema. <i>FASEB Journal</i> , 2018, 32, 4955-4971.	0.5	28
59	Vaccine-driven lung TRM cells provide immunity against <i>Klebsiella</i> via fibroblast IL-17R signaling. <i>Science Immunology</i> , 2021, 6, eabf1198.	11.9	28
60	IL-10 Restrains IL-17 to Limit Lung Pathology Characteristics following Pulmonary Infection with <i>Francisella tularensis</i> Live Vaccine Strain. <i>American Journal of Pathology</i> , 2013, 183, 1397-1404.	3.8	26
61	Rationalized design of a mucosal vaccine protects against <i>Mycobacterium tuberculosis</i> challenge in mice. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1373-1381.	3.3	25
62	The Function of Local Lymphoid Tissues in Pulmonary Immune Responses. <i>Advances in Experimental Medicine and Biology</i> , 2007, 590, 55-68.	1.6	25
63	Selective Sexual Dimorphisms in Musculoskeletal and Cardiopulmonary Pathologic Manifestations and Mortality Incidence in the Tumor Necrosis Factor ^Δ Transgenic Mouse Model of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 1512-1523.	5.6	24
64	Neutrophils Slow Disease Progression in Murine Lupus via Modulation of Autoreactive Germinal Centers. <i>Journal of Immunology</i> , 2017, 199, 458-466.	0.8	22
65	Serpine2 deficiency results in lung lymphocyte accumulation and bronchus-associated lymphoid tissue formation. <i>FASEB Journal</i> , 2016, 30, 2615-2626.	0.5	21
66	Dynamic spectrum of ectopic lymphoid B cell activation and hypermutation in the RA synovium characterized by NR4A nuclear receptor expression. <i>Cell Reports</i> , 2022, 39, 110766.	6.4	20
67	Protective role of B cells in sterile particulate-induced lung injury. <i>JCI Insight</i> , 2019, 4, .	5.0	17
68	<i>Mycobacterium tuberculosis</i> HN878 Infection Induces Human-Like B-Cell Follicles in Mice. <i>Journal of Infectious Diseases</i> , 2020, 221, 1636-1646.	4.0	15
69	A Luciferase-fluorescent Reporter Influenza Virus for Live Imaging and Quantification of Viral Infection. <i>Journal of Visualized Experiments</i> , 2019, .	0.3	14
70	Humanized Mice Exhibit Exacerbated Abscess Formation and Osteolysis During the Establishment of Implant-Associated <i>Staphylococcus aureus</i> Osteomyelitis. <i>Frontiers in Immunology</i> , 2021, 12, 651515.	4.8	14
71	Inhibition of G Protein $\beta\gamma$ Subunit Signaling Abrogates Nephritis in Lupus-Prone Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 2244-2256.	5.6	11
72	Formation of Lung Inducible Bronchus Associated Lymphoid Tissue Is Regulated by <i>Mycobacterium tuberculosis</i> Expressed Determinants. <i>Frontiers in Immunology</i> , 2020, 11, 1325.	4.8	11

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73	Lung Epithelial Signaling Mediates Early Vaccine-Induced CD4 ⁺ T Cell Activation and <i>Mycobacterium tuberculosis</i> Control. <i>MBio</i> , 2021, 12, e0146821.	4.1	11
74	Neutrophil elastase from myeloid cells promotes TSC2-null tumor growth. <i>Endocrine-Related Cancer</i> , 2020, 27, 261-274.	3.1	11
75	Inducible Bronchus-Associated Lymphoid Tissue (iBALT) Attenuates Pulmonary Pathology in a Mouse Model of Allergic Airway Disease. <i>Frontiers in Immunology</i> , 2020, 11, 570661.	4.8	10
76	Role of lymphotoxin and homeostatic chemokines in the development and function of local lymphoid tissues in the respiratory tract. <i>Immunologia (Barcelona, Spain: 1987)</i> , 2007, 26, 13-28.	0.1	10
77	Bi-Reporter Vaccinia Virus for Tracking Viral Infections <i>In Vitro</i> and <i>In Vivo</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0160121.	3.0	10
78	Neutrophil-Macrophage Imbalance Drives the Development of Renal Scarring during Experimental Pyelonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 69-85.	6.1	9
79	Successive Intramuscular Boosting with IFN-Alpha Protects <i>Mycobacterium bovis</i> BCG-Vaccinated Mice against <i>M. lepraemurium</i> Infection. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	7
80	<i>Cryptococcus neoformans</i> Evades Pulmonary Immunity by Modulating Xylose Precursor Transport. <i>Infection and Immunity</i> , 2020, 88, .	2.2	7
81	Neonatal Irradiation Sensitizes Mice to Delayed Pulmonary Challenge. <i>Radiation Research</i> , 2013, 179, 475-484.	1.5	6
82	HLA Alleles are Genetic Markers for Susceptibility and Resistance towards Leprosy in a Mexican Mestizo Population. <i>Annals of Human Genetics</i> , 2017, 81, 35-40.	0.8	4
83	Long-Lasting Impact of Neonatal Exposure to Total Body Gamma Radiation on Secondary Lymphoid Organ Structure and Function. <i>Radiation Research</i> , 2015, 184, 352-366.	1.5	3
84	IL-17 Is Critical for the Generation of Protective Vaccine-Induced Immunity Against Tuberculosis. , 2009, , .		2
85	Induction of BALT in the absence of IL-17. <i>Nature Immunology</i> , 2012, 13, 2-2.	14.5	2
86	Small molecule inhibitors of nuclear export ameliorate lupus by modulating plasma cell generation and survival. <i>Arthritis and Rheumatology</i> , 2022, , .	5.6	1
87	Secretion Antigens of <i>Mycobacterium tuberculosis</i> . <i>Archives of Medical Research</i> , 1999, 30, 171-178.	3.3	0
88	Role Of Inducible Bronchus Associated Lymphoid Tissue (iBALT) In Allergic Airway Disease. , 2010, , .		0
89	SerpineE2 Deficiency Is Associated With Alterations In Lung Lymphocyte Trafficking. , 2012, , .		0
90	THU0263...Kpt-350, A Selective Inhibitor of Nuclear Export (SINE) Compound, Effectively Reduces Interferon-Alpha Activation and Autoreactive Plasma Cells in Murine Lupus. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 283.1-283.	0.9	0

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91	THU0241â€¦LUPUS PROGRESSION IS PREVENTED BY TREATMENT WITH VERDINEXOR, AN INHIBITOR OF THE NUCLEAR EXPORT PROTEIN EXPORTIN-1, BY LIMITING GERMINAL CENTER FORMATION AND DEVELOPMENT OF AUTOACTIVE ANTIBODY SECRETING CELLS. , 2019, , .		0
92	228â€¦Verdinexor, an inhibitor of the nuclear export protein exportin-1 prevents lupus progression by limiting germinal center formation and development of autoreactive antibody secreting cells. , 2019, , .		0
93	P140â€¦Verdinexor, a selective inhibitor of nuclear export (SINE), ameliorates cellular and molecular pathogenic immune mechanisms of systemic lupus erythematosus. , 2020, , .		0
94	Intramuscular Boosting with hIFN-Alpha 2b Enhances BCGphipp-Induced Protection in a Murine Model of Leprosy. Microbiology Research, 2021, 12, 711-726.	1.9	0
95	Characterization of Small Molecule GÎ²Î³ Inhibitors in the Context of Inflammation. FASEB Journal, 2015, 29, 618.4.	0.5	0
96	Abstract POSTER-BIOL-1337: Omentum promotes suppression against peritoneal tumors. , 2015, , .		0
97	OR34-5 Infiltrating Neutrophils and Neutrophil Elastase (NE) Promote Tumor Growth in a Mouse Model for Lymphangiomiomatosis (LAM). Journal of the Endocrine Society, 2019, 3, .	0.2	0
98	CD4+ T Cells Are Dispensable for Induction of Broad Heterologous HIV Neutralizing Antibodies in Rhesus Macaques. Frontiers in Immunology, 2021, 12, 757811.	4.8	0