# Javier Rangel-Moreno

List of Publications by Year
in descending order

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|---|---|---|---|
| 98 papers | 9,379 citations | 66234 42 h-index | 51492 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. Nature Immunology, 2007, 8, 369-377. | 7.0 | 1,253 |
| 2 | Defining inflammatory cell states in rheumatoid arthritis joint synovial tissues by integrating single-cell transcriptomics and mass cytometry. Nature Immunology, 2019, 20, 928-942. | 7.0 | 760 |
| 3 | Role of inducible bronchus associated lymphoid tissue (iBALT) in respiratory immunity. Nature Medicine, 2004, 10, 927-934. | 15.2 | 658 |
| 4 | Inducible bronchus-associated lymphoid tissue (iBALT) in patients with pulmonary complications of rheumatoid arthritis. Journal of Clinical Investigation, 2006, 116, 3183-3194. | 3.9 | 388 |
| 5 | The development of inducible bronchus-associated lymphoid tissue depends on IL-17. Nature Immunology, 2011, 12, 639-646. | 7.0 | 359 |
| 6 | Interleukin-17 Is Required for T Helper 1 Cell Immunity and Host Resistance to the Intracellular Pathogen Francisella tularensis. Immunity, 2009, 31, 799-810. | 6.6 | 255 |
| 7 | Development of Secondary Lymphoid Organs. Annual Review of Immunology, 2008, 26, 627-650. | 9.5 | 254 |
| 8 | Ectopic lymphoid tissues and local immunity. Seminars in Immunology, 2008, 20, 26-42. | 2.7 | 239 |
| 9 | Pathological role of interleukin 17 in mice subjected to repeated BCG vaccination after infection with Mycobacterium tuberculosis. Journal of Experimental Medicine, 2010, 207, 1609-1616. | 4.2 | 230 |
| 10 | Unexpected Role for IL-17 in Protective Immunity against Hypervirulent Mycobacterium tuberculosis HN878 Infection. PLoS Pathogens, 2014, 10, e1004099. | 2.1 | 222 |
| 11 | Persistence and Responsiveness of Immunologic Memory in the Absence of Secondary Lymphoid Organs. Immunity, 2006, 25, 643-654. | 6.6 | 220 |
| 12 | Omental Milky Spots Develop in the Absence of Lymphoid Tissue-Inducer Cells and Support B and T Cell Responses to Peritoneal Antigens. Immunity, 2009, 30, 731-743. | 6.6 | 218 |
| 13 | S100A8/A9 Proteins Mediate Neutrophilic Inflammation and Lung Pathology during Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1137-1146. | 2.5 | 216 |
| 14 | CXCR5+ T helper cells mediate protective immunity against tuberculosis. Journal of Clinical Investigation, 2013, 123, 712-26. | 3.9 | 203 |
| 15 | Mucosal vaccination with attenuated Mycobacterium tuberculosis induces strong central memory responses and protects against tuberculosis. Nature Communications, 2015, 6, 8533. | 5.8 | 196 |
| 16 | IL-22 regulates lymphoid chemokine production and assembly of tertiary lymphoid organs. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11024-11029. | 3.3 | 173 |
| 17 | IL-23 Is Required for Long-Term Control of Mycobacterium tuberculosis and B Cell Follicle Formation in the Infected Lung. Journal of Immunology, 2011, 187, 5402-5407. | 0.4 | 172 |
| 18 | Interleukin-17-dependent CXCL13 mediates mucosal vaccineâ€“induced immunity against tuberculosis. Mucosal Immunology, 2013, 6, 972-984. | 2.7 | 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. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10577-10582. | 3.3 | 153 |
| 20 | Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. Nature, 2019, 570, 528-532. | 13.7 | 153 |
| 21 | Production of RANKL by Memory B Cells: A Link Between B Cells and Bone Erosion in Rheumatoid Arthritis. Arthritis and Rheumatology, 2016, 68, 805-816. | 2.9 | 138 |
| 22 | CD4 T Cell-Independent Antibody Response Promotes Resolution of Primary Influenza Infection and Helps to Prevent Reinfection. Journal of Immunology, 2005, 175, 5827-5838. | 0.4 | 129 |
| 23 | In a Murine Tuberculosis Model, the Absence of Homeostatic Chemokines Delays Granuloma Formation and Protective Immunity. Journal of Immunology, 2009, 183, 8004-8014. | 0.4 | 119 |
| 24 | The role of prostaglandin E2 in the immunopathogenesis of experimental pulmonary tuberculosis. Immunology, 2002, 106, 257-266. | 2.0 | 118 |
| 25 | Profiling Early Lung Immune Responses in the Mouse Model of Tuberculosis. PLoS ONE, 2011, 6, e16161. | 1.1 | 111 |
| 26 | B cells inhibit bone formation in rheumatoid arthritis by suppressing osteoblast differentiation. Nature Communications, 2018, 9, 5127. | 5.8 | 105 |
| 27 | Targeting dendritic cells to accelerate T-cell activation overcomes a bottleneck in tuberculosis vaccine efficacy. Nature Communications, 2016, 7, 13894. | 5.8 | 100 |
| 28 | The immune landscape in tuberculosis reveals populations linked to disease and latency. Cell Host and Microbe, 2021, 29, 165-178.e8. | 5.1 | 98 |
| 29 | Mycobacterium tuberculosis carrying a rifampicin drug resistance mutation reprograms macrophage metabolism through cell wall lipid changes. Nature Microbiology, 2018, 3, 1099-1108. | 5.9 | 90 |
| 30 | Helminth-induced arginase-1 exacerbates lung inflammation and disease severity in tuberculosis. Journal of Clinical Investigation, 2015, 125, 4699-4713. | 3.9 | 87 |
| 31 | S100A8/A9 regulates CD11b expression and neutrophil recruitment during chronic tuberculosis. Journal of Clinical Investigation, 2020, 130, 3098-3112. | 3.9 | 85 |
| 32 | B Cells Promote Resistance to Heterosubtypic Strains of Influenza via Multiple Mechanisms. Journal of Immunology, 2008, 180, 454-463. | 0.4 | 82 |
| 33 | Neutrophil-Mediated IFN Activation in the Bone Marrow Alters B Cell Development in Human and Murine Systemic Lupus Erythematosus. Journal of Immunology, 2014, 192, 906-918. | 0.4 | 81 |
| 34 | Immune requirements for protective Th17 recall responses to Mycobacterium tuberculosis challenge. Mucosal Immunology, 2015, 8, 1099-1109. | 2.7 | 75 |
| 35 | Novel role for IL-22 in protection during chronic Mycobacterium tuberculosis HN878 infection. Mucosal Immunology, 2017, 10, 1069-1081. | 2.7 | 73 |
| 36 | CD40, but Not CD154, Expression on B Cells Is Necessary for Optimal Primary B Cell Responses. Journal of Immunology, 2003, 171, 5707-5717. | 0.4 | 72 |

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|---|---|---|---|
| 37 | Infiltrating Myeloid Cells Exert Protumorigenic Actions via Neutrophil Elastase. Molecular Cancer Research, 2017, 15, 1138-1152. | 1.5 | 66 |
| 38 | Lipocalin 2 Regulates Inflammation during Pulmonary Mycobacterial Infections. PLoS ONE, 2012, 7, e50052. | 1.1 | 59 |
| 39 | Pneumocystis -Driven Inducible Bronchus-Associated Lymphoid Tissue Formation Requires Th2 and Th17 Immunity. Cell Reports, 2017, 18, 3078-3090. | 2.9 | 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. Journal of Immunology, 2005, 175, 4904-4913. | 0.4 | 54 |
| 41 | Immune correlates of tuberculosis disease and risk translate across species. Science Translational Medicine, 2020, 12, . | 5.8 | 52 |
| 42 | A Unique Cellular and Molecular Microenvironment Is Present in Tertiary Lymphoid Organs of Patients with Spontaneous Prostate Cancer Regression. Frontiers in Immunology, 2017, 8, 563. | 2.2 | 51 |
| 43 | Antigen-specific clonal expansion and cytolytic effector function of CD8+ T lymphocytes depend on the transcription factor Bcl11b. Journal of Experimental Medicine, 2010, 207, 1687-1699. | 4.2 | 48 |
| 44 | Differential and Site Specific Impact of B Cells in the Protective Immune Response to Mycobacterium tuberculosis in the Mouse. PLoS ONE, 2013, 8, e61681. | 1.1 | 45 |
| 45 | A novel nanoemulsion vaccine induces mucosal Interleukin-17 responses and confers protection upon Mycobacterium tuberculosis challenge in mice. Vaccine, 2017, 35, 4983-4989. | 1.7 | 45 |
| 46 | Interleukin-17 limits hypoxia-inducible factor 1Î± and development of hypoxic granulomas during tuberculosis. JCI Insight, 2017, 2, . | 2.3 | 45 |
| 47 | A novel role for Câ€“C motif chemokine receptor 2 during infection with hypervirulent Mycobacterium tuberculosis. Mucosal Immunology, 2018, 11, 1727-1742. | 2.7 | 43 |
| 48 | A Novel Fluorescent and Bioluminescent Bireporter Influenza A Virus To Evaluate Viral Infections. Journal of Virology, 2019, 93, . | 1.5 | 43 |
| 49 | Epigenetic Suppression of SERPINB1 Promotes Inflammation-Mediated Prostate Cancer Progression. Molecular Cancer Research, 2019, 17, 845-859. | 1.5 | 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. Journal of Immunology, 2013, 191, 1453-1464. | 0.4 | 38 |
| 51 | STAT2 Signaling Regulates Macrophage Phenotype During Influenza and Bacterial Super-Infection. Frontiers in Immunology, 2018, 9, 2151. | 2.2 | 38 |
| 52 | Selective Ablation of Lung Epithelial IKK2 Impairs Pulmonary Th17 Responses and Delays the Clearance of Pneumocystis. Journal of Immunology, 2013, 191, 4720-4730. | 0.4 | 34 |
| 53 | Mucosal Pre-Exposure to Th17-Inducing Adjuvants Exacerbates Pathology after Influenza Infection. American Journal of Pathology, 2014, 184, 55-63. | 1.9 | 34 |
| 54 | Interactions between hormone-mediated and vaccine-mediated immunotherapy for pulmonary tuberculosis in BALB/c mice. Immunology, 2000, 100, 391-398. | 2.0 | 32 |

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|---|---|---|---|
| 55 | Bronchus-Associated Lymphoid Tissue (BALT) and Survival in a Vaccine Mouse Model of Tularemia. PLoS ONE, 2010, 5, e11156. | 1.1 | 32 |
| 56 | Transfer factors as immunotherapy and supplement of chemotherapy in experimental pulmonary tuberculosis. Clinical and Experimental Immunology, 2004, 136, 215-223. | 1.1 | 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. Journal of Immunology, 2014, 192, 3011-3020. | 0.4 | 30 |
| 58 | Genetic ablation of histone deacetylase 2 leads to lung cellular senescence and lymphoid follicle formation in COPD/emphysema. FASEB Journal, 2018, 32, 4955-4971. | 0.2 | 28 |
| 59 | Vaccine-driven lung TRM cells provide immunity against Klebsiella via fibroblast IL-17R signaling. Science Immunology, 2021, 6, eabf1198. | 5.6 | 28 |
| 60 | IL-10 Restrains IL-17 to Limit Lung Pathology Characteristics following Pulmonary Infection with Francisella tularensis Live Vaccine Strain. American Journal of Pathology, 2013, 183, 1397-1404. | 1.9 | 26 |
| 61 | Rationalized design of a mucosal vaccine protects against Mycobacterium tuberculosis challenge in mice. Journal of Leukocyte Biology, 2017, 101, 1373-1381. | 1.5 | 25 |
| 62 | The Function of Local Lymphoid Tissues in Pulmonary Immune Responses. Advances in Experimental Medicine and Biology, 2007, 590, 55-68. | 0.8 | 25 |
| 63 | Selective Sexual Dimorphisms in Musculoskeletal and Cardiopulmonary Pathologic Manifestations and Mortality Incidence in the Tumor Necrosis Factorâ€“Transgenic Mouse Model of Rheumatoid Arthritis. Arthritis and Rheumatology, 2019, 71, 1512-1523. | 2.9 | 24 |
| 64 | Neutrophils Slow Disease Progression in Murine Lupus via Modulation of Autoreactive Germinal Centers. Journal of Immunology, 2017, 199, 458-466. | 0.4 | 22 |
| 65 | Serpine2 deficiency results in lung lymphocyte accumulation and bronchusâ€associated lymphoid tissue formation. FASEB Journal, 2016, 30, 2615-2626. | 0.2 | 21 |
| 66 | Dynamic spectrum of ectopic lymphoid B cell activation and hypermutation in the RA synovium characterized by NR4A nuclear receptor expression. Cell Reports, 2022, 39, 110766. | 2.9 | 20 |
| 67 | Protective role of B cells in sterile particulateâ€“induced lung injury. JCI Insight, 2019, 4, . | 2.3 | 17 |
| 68 | Mycobacterium tuberculosis HN878 Infection Induces Human-Like B-Cell Follicles in Mice. Journal of Infectious Diseases, 2020, 221, 1636-1646. | 1.9 | 15 |
| 69 | A Luciferase-fluorescent Reporter Influenza Virus for Live Imaging and Quantification of Viral Infection. Journal of Visualized Experiments, 2019, , . | 0.2 | 14 |
| 70 | Humanized Mice Exhibit Exacerbated Abscess Formation and Osteolysis During the Establishment of Implant-Associated Staphylococcus aureus Osteomyelitis. Frontiers in Immunology, 2021, 12, 651515. | 2.2 | 14 |
| 71 | Inhibition of G Protein Î²Î³ Subunit Signaling Abrogates Nephritis in Lupusâ€Prone Mice. Arthritis and Rheumatology, 2016, 68, 2244-2256. | 2.9 | 11 |
| 72 | Formation of Lung Inducible Bronchus Associated Lymphoid Tissue Is Regulated by Mycobacterium tuberculosis Expressed Determinants. Frontiers in Immunology, 2020, 11, 1325. | 2.2 | 11 |

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|---|---|---|---|
| 73 | Lung Epithelial Signaling Mediates Early Vaccine-Induced CD4<sup>+</sup>T Cell Activation andMycobacterium tuberculosisControl. MBio, 2021, 12, e0146821. | 1.8 | 11 |
| 74 | Neutrophil elastase from myeloid cells promotes TSC2-null tumor growth. Endocrine-Related Cancer, 2020, 27, 261-274. | 1.6 | 11 |
| 75 | Inducible Bronchusâ€“Associated Lymphoid Tissue (iBALT) Attenuates Pulmonary Pathology in a Mouse Model of Allergic Airway Disease. Frontiers in Immunology, 2020, 11, 570661. | 2.2 | 10 |
| 76 | Role of lymphotoxin and homeostatic chemokines in the development and function of local lymphoid tissues in the respiratory tract. Inmunologia (Barcelona, Spain: 1987), 2007, 26, 13-28. | 0.1 | 10 |
| 77 | Bi-Reporter Vaccinia Virus for Tracking Viral Infections In Vitro and In Vivo. Microbiology Spectrum, 2021, 9, e0160121. | 1.2 | 10 |
| 78 | Neutrophil-Macrophage Imbalance Drives the Development of Renal Scarring during Experimental Pyelonephritis. Journal of the American Society of Nephrology: JASN, 2021, 32, 69-85. | 3.0 | 9 |
| 79 | Successive Intramuscular Boosting with IFN-Alpha ProtectsMycobacterium bovisBCG-Vaccinated Mice againstM. lepraemuriumInfection. BioMed Research International, 2015, 2015, 1-9. | 0.9 | 7 |
| 80 | Cryptococcus neoformans Evades Pulmonary Immunity by Modulating Xylose Precursor Transport. Infection and Immunity, 2020, 88, . | 1.0 | 7 |
| 81 | Neonatal Irradiation Sensitizes Mice to Delayed Pulmonary Challenge. Radiation Research, 2013, 179, 475-484. | 0.7 | 6 |
| 82 | HLA Alleles are Genetic Markers for Susceptibility and Resistance towards Leprosy in a Mexican Mestizo Population. Annals of Human Genetics, 2017, 81, 35-40. | 0.3 | 4 |
| 83 | Long-Lasting Impact of Neonatal Exposure to Total Body Gamma Radiation on Secondary Lymphoid Organ Structure and Function. Radiation Research, 2015, 184, 352-366. | 0.7 | 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. Nature Immunology, 2012, 13, 2-2. | 7.0 | 2 |
| 86 | Small molecule inhibitors of nuclear export ameliorate lupus by modulating plasma cell generation and survival. Arthritis and Rheumatology, 2022, , . | 2.9 | 1 |
| 87 | Secretion Antigens of Mycobacterium tuberculosis:. Archives of Medical Research, 1999, 30, 171-178. | 1.5 | 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 | THU0263â€…Kpt-350, A Selective Inhibitor of Nuclear Export (SINE) Compound, Effectively Reduces Interferon-Alpha Activation and Autoreactive Plasma Cells in Murine Lupus. Annals of the Rheumatic Diseases, 2016, 75, 283.1-283. | 0.5 | 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 AUTOREACTIVE 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 BCGphipps-Induced Protection in a Murine Model of Leprosy. Microbiology Research, 2021, 12, 711-726. | 0.8 | 0 |
| 95 | Characterization of Small Molecule Gî²î³ Inhibitors in the Context of Inflammation. FASEB Journal, 2015, 29, 618.4. | 0.2 | 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 Lymphangioleiomyomatosis (LAM). Journal of the Endocrine Society, 2019, 3, . | 0.1 | 0 |
| 98 | CD4+ T Cells Are Dispensable for Induction of Broad Heterologous HIV Neutralizing Antibodies in Rhesus Macaques. Frontiers in Immunology, 2021, 12, 757811. | 2.2 | 0 |