

# Jorge M Pedrosa

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

3,726  
citations

117453

34  
h-index

138251

58  
g-index

71  
all docs

71  
docs citations

71  
times ranked

5078  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | T cell apoptosis characterizes severe Covid-19 disease. <i>Cell Death and Differentiation</i> , 2022, 29, 1486-1499.  | 5.0 | 90        |
| 2  | Multiple facets and functions of the toxin mycolactone produced by <i>Mycobacterium ulcerans</i> . , 2022, , 271-290.   |     | 0         |
| 3  | Purification and Characterization of a Thrombolytic Enzyme Produced by a New Strain of <i>Bacillus subtilis</i> . <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 327-337.                     | 0.9 | 6         |
| 4  | Interleukin-6 Is a Biomarker for the Development of Fatal Severe Acute Respiratory Syndrome Coronavirus 2 Pneumonia. <i>Frontiers in Immunology</i> , 2021, 12, 613422.                                     | 2.2 | 228       |
| 5  | Genetics in the Host- <i>Mycobacterium ulcerans</i> interaction. <i>Immunological Reviews</i> , 2021, 301, 222-241.   | 2.8 | 0         |
| 6  | Genetic variants in human BCL2L11 (BIM) are associated with ulcerative forms of Buruli ulcer. <i>Emerging Microbes and Infections</i> , 2021, 10, 223-225.  | 3.0 | 4         |
| 7  | Individual and clinical variables associated with the risk of Buruli ulcer acquisition: A systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008161.                | 1.3 | 4         |
| 8  | Antimicrobial activity of Mycobacteriophage D29 Lysin B during <i>Mycobacterium ulcerans</i> infection. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007113.                                       | 1.3 | 25        |
| 9  | Increasing the potential of cell-penetrating peptides for cancer therapy using a new pentagonal scaffold. <i>European Journal of Pharmacology</i> , 2019, 860, 172554.                                      | 1.7 | 7         |
| 10 | K2 Capsule Depolymerase Is Highly Stable, Is Refractory to Resistance, and Protects Larvae and Mice from <i>Acinetobacter baumannii</i> Sepsis. <i>Applied and Environmental Microbiology</i> , 2019, 85, . | 1.4 | 38        |
| 11 | The Immunology of Buruli Ulcer. , 2019, , 135-158.  |     | 3         |
| 12 | Exploring inhalable polymeric dry powders for anti-tuberculosis drug delivery. <i>Materials Science and Engineering C</i> , 2018, 93, 1090-1103.  | 3.8 | 23        |
| 13 | Development of Inhalable Superparamagnetic Iron Oxide Nanoparticles (SPIONs) in Microparticulate System for Antituberculosis Drug Delivery. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800124.       | 3.9 | 34        |
| 14 | Immune-evasion Strategies of Mycobacteria and Their Implications for the Protective Immune Response. <i>Current Issues in Molecular Biology</i> , 2018, 25, 169-198.  | 1.0 | 12        |
| 15 | Natural based eumelanin nanoparticles functionalization and preliminary evaluation as carrier for gentamicin. <i>Reactive and Functional Polymers</i> , 2017, 114, 38-48.                                   | 2.0 | 16        |
| 16 | Preparation and biological evaluation of ethionamide-mesoporous silicon nanoparticles against <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 403-405.    | 1.0 | 11        |
| 17 | Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. <i>Journal of Controlled Release</i> , 2016, 235, 112-124.  | 4.8 | 80        |
| 18 | Genetic Variation in Autophagy-Related Genes Influences the Risk and Phenotype of Buruli Ulcer. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004671.   | 1.3 | 35        |

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|----|---|-----|-----------|
| 19 | IL-17A Promotes Intracellular Growth of Mycobacterium by Inhibiting Apoptosis of Infected Macrophages. <i>Frontiers in Immunology</i> , 2015, 6, 498.   | 2.2 | 28        |
| 20 | Clinical Epidemiology of Buruli Ulcer from Benin (2005-2013): Effect of Time-Delay to Diagnosis on Clinical Forms and Severe Phenotypes. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004005.         | 1.3 | 23        |
| 21 | Spontaneous Healing of Mycobacterium ulcerans Lesions in the Guinea Pig Model. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004265.   | 1.3 | 18        |
| 22 | Detecting Antibody-Labeled BCG MNPs Using a Magnetoresistive Biosensor and Magnetic Labeling Technique. <i>Journal of Nano Research</i> , 2015, 35, 92-103.   | 0.8 | 1         |
| 23 | Analysis of a Local HIV-1 Epidemic in Portugal Highlights Established Transmission of Non-B and Non-G Subtypes. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1506-1514.                                | 1.8 | 26        |
| 24 | BCG vaccination-induced long-lasting control of Mycobacterium tuberculosis correlates with the accumulation of a novel population of CD4+IL-17+TNF+IL-2+ T cells. <i>Vaccine</i> , 2015, 33, 85-91.           | 1.7 | 42        |
| 25 | Proteomic Analysis of the Action of the Mycobacterium ulcerans Toxin Mycolactone: Targeting Host Cells Cytoskeleton and Collagen. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3066.                   | 1.3 | 27        |
| 26 | Differential post-transcriptional regulation of IL-10 by TLR2 and TLR4-activated macrophages. <i>European Journal of Immunology</i> , 2014, 44, 856-866.  | 1.6 | 42        |
| 27 | TLR9 Activation Dampens the Early Inflammatory Response to Paracoccidioides brasiliensis, Impacting Host Survival. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2317.                                  | 1.3 | 18        |
| 28 | Phage Therapy Is Effective against Infection by Mycobacterium ulcerans in a Murine Footpad Model. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2183.   | 1.3 | 91        |
| 29 | Update on the challenging role of biofilms in peritoneal dialysis. <i>Biofouling</i> , 2013, 29, 1015-1027.   | 0.8 | 24        |
| 30 | Evidence for Diversifying Selection in a Set of Mycobacterium tuberculosis Genes in Response to Antibiotic- and Nonantibiotic-Related Pressure. <i>Molecular Biology and Evolution</i> , 2013, 30, 1326-1336. | 3.5 | 43        |
| 31 | Mycobacterium tuberculosis Strains Are Differentially Recognized by TLRs with an Impact on the Immune Response. <i>PLoS ONE</i> , 2013, 8, e67277.  | 1.1 | 76        |
| 32 | P. brasiliensis Virulence Is Affected by SconC, the Negative Regulator of Inorganic Sulfur Assimilation. <i>PLoS ONE</i> , 2013, 8, e74725.   | 1.1 | 15        |
| 33 | Corticosteroid-Induced Immunosuppression Ultimately Does Not Compromise the Efficacy of Antibiotherapy in Murine Mycobacterium ulcerans Infection. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1925.  | 1.3 | 13        |
| 34 | The rs5743836 polymorphism in TLR9 confers a population-based increased risk of non-Hodgkin lymphoma. <i>Genes and Immunity</i> , 2012, 13, 197-201.  | 2.2 | 35        |
| 35 | Local and Regional Re-Establishment of Cellular Immunity during Curative Antibiotherapy of Murine Mycobacterium ulcerans Infection. <i>PLoS ONE</i> , 2012, 7, e32740.  | 1.1 | 21        |
| 36 | Cellular Immunity Confers Transient Protection in Experimental Buruli Ulcer following BCG or Mycolactone-Negative Mycobacterium ulcerans Vaccination. <i>PLoS ONE</i> , 2012, 7, e33406.                      | 1.1 | 38        |

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|----|--|-----|-----------|
| 37 | TLR2 deficiency by compromising p19 (IL-23) expression limits Th 17 cell responses to Mycobacterium tuberculosis. <i>International Immunology</i> , 2011, 23, 89-96.   | 1.8 | 28        |
| 38 | <i>Mycobacterium ulcerans</i> Triggers T-Cell Immunity followed by Local and Regional but Not Systemic Immunosuppression. <i>Infection and Immunity</i> , 2011, 79, 421-430.   | 1.0 | 41        |
| 39 | The C Allele of rs5743836 Polymorphism in the Human TLR9 Promoter Links IL-6 and TLR9 Up-Regulation and Confers Increased B-Cell Proliferation. <i>PLoS ONE</i> , 2011, 6, e28256.                                     | 1.1 | 37        |
| 40 | The selective COX-2 inhibitor Etoricoxib reduces acute inflammatory markers in a model of neurogenic laryngitis but loses its efficacy with prolonged treatment. <i>Inflammation Research</i> , 2010, 59, 743-753.     | 1.6 | 8         |
| 41 | Dextrin nanoparticles: Studies on the interaction with murine macrophages and blood clearance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 483-489.  | 2.5 | 47        |
| 42 | IFN- $\gamma$ -Dependent Activation of Macrophages during Experimental Infections by <i>Mycobacterium ulcerans</i> Is Impaired by the Toxin Mycolactone. <i>Journal of Immunology</i> , 2010, 184, 947-955.            | 0.4 | 50        |
| 43 | Response to Treatment in a Prospective Cohort of Patients with Large Ulcerated Lesions Suspected to Be Buruli Ulcer ( <i>Mycobacterium ulcerans</i> Disease). <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e736. | 1.3 | 53        |
| 44 | Virulence Attenuation of <i>Candida albicans</i> Genetic Variants Isolated from a Patient with a Recurrent Bloodstream Infection. <i>PLoS ONE</i> , 2010, 5, e10155.   | 1.1 | 22        |
| 45 | 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.             | 4.2 | 230       |
| 46 | Influenza Infectious Dose May Explain the High Mortality of the Second and Third Wave of 1918-1919 Influenza Pandemic. <i>PLoS ONE</i> , 2010, 5, e11655.  | 1.1 | 59        |
| 47 | Fine-Needle Aspiration, an Efficient Sampling Technique for Bacteriological Diagnosis of Nonulcerative Buruli Ulcer. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1700-1704.                                    | 1.8 | 58        |
| 48 | Buruli ulcer disease: prospects for a vaccine. <i>Medical Microbiology and Immunology</i> , 2009, 198, 69-77.  | 2.6 | 42        |
| 49 | Pathogenetic mechanisms of the intracellular parasite <i>Mycobacterium ulcerans</i> leading to Buruli ulcer. <i>Lancet Infectious Diseases</i> , The, 2009, 9, 699-710.  | 4.6 | 85        |
| 50 | A New Model of Laryngitis: Neuropeptide, Cyclooxygenase, and Cytokine Profile. <i>Laryngoscope</i> , 2008, 118, 78-86.   | 1.1 | 13        |
| 51 | Induction and expression of protective T cells during <i>Mycobacterium avium</i> infections in mice. <i>Clinical and Experimental Immunology</i> , 2008, 87, 379-385.  | 1.1 | 24        |
| 52 | Characterization of the virulence of <i>Mycobacterium avium</i> complex (MAC) isolates in mice. <i>Clinical and Experimental Immunology</i> , 2008, 98, 210-216.   | 1.1 | 81        |
| 53 | IL-10 modulates depressive-like behavior. <i>Journal of Psychiatric Research</i> , 2008, 43, 89-97.  | 1.5 | 121       |
| 54 | Rifabutin encapsulated in liposomes exhibits increased therapeutic activity in a model of disseminated tuberculosis. <i>International Journal of Antimicrobial Agents</i> , 2008, 31, 37-45.                           | 1.1 | 85        |

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|----|--|-----|-----------|
| 55 | New Foci of Buruli Ulcer, Angola and Democratic Republic of Congo. <i>Emerging Infectious Diseases</i> , 2008, 14, 1790-1792.  | 2.0 | 17        |
| 56 | Developments on Drug Delivery Systems for the Treatment of Mycobacterial Infections. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 579-591.  | 1.0 | 45        |
| 57 | First Cultivation and Characterization of <i>Mycobacterium ulcerans</i> from the Environment. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e178.   | 1.3 | 175       |
| 58 | Mycolactone-Mediated Inhibition of Tumor Necrosis Factor Production by Macrophages Infected with <i>Mycobacterium ulcerans</i> Has Implications for the Control of Infection. <i>Infection and Immunity</i> , 2007, 75, 3979-3988. | 1.0 | 88        |
| 59 | Aquatic Insects and <i>Mycobacterium ulcerans</i> : An Association Relevant to Buruli Ulcer Control?. <i>PLoS Medicine</i> , 2007, 4, e63.   | 3.9 | 37        |
| 60 | Evidence for an Intramacrophage Growth Phase of <i>Mycobacterium ulcerans</i> . <i>Infection and Immunity</i> , 2007, 75, 977-987.   | 1.0 | 91        |
| 61 | Cutting Edge: IFN- $\gamma$ Regulates the Induction and Expansion of IL-17-Producing CD4 T Cells during Mycobacterial Infection. <i>Journal of Immunology</i> , 2006, 177, 1416-1420.  | 0.4 | 249       |
| 62 | Infection with <i>Mycobacterium ulcerans</i> Induces Persistent Inflammatory Responses in Mice. <i>Infection and Immunity</i> , 2005, 73, 6299-6310.   | 1.0 | 92        |
| 63 | Therapeutic Efficacy of Liposomal Rifabutin in a <i>Mycobacterium avium</i> Model of Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2424-2430.  | 1.4 | 37        |
| 64 | Differences in Resistance of C57BL/6 and C57BL/10 Mice to Infection by <i>Mycobacterium avium</i> Are Independent of Gamma Interferon. <i>Infection and Immunity</i> , 2000, 68, 19-23.  | 1.0 | 12        |
| 65 | Neutrophils Play a Protective Nonphagocytic Role in Systemic <i>Mycobacterium tuberculosis</i> Infection of Mice. <i>Infection and Immunity</i> , 2000, 68, 577-583.   | 1.0 | 259       |
| 66 | Effects of iron deprivation on <i>Mycobacterium avium</i> growth. <i>Tubercle and Lung Disease</i> , 1999, 79, 321-328.  | 2.1 | 40        |
| 67 | Cytokines Involved in Resistance to <i>Mycobacterium avium</i> in a Mouse Model of Infection. <i>Medical Principles and Practice</i> , 1997, 6, 97-102.  | 1.1 | 1         |
| 68 | Susceptibility of beige mice to <i>Mycobacterium avium</i> : role of neutrophils. <i>Infection and Immunity</i> , 1995, 63, 3381-3387.   | 1.0 | 100       |
| 69 | Role of gamma interferon and tumor necrosis factor alpha during T-cell-independent and -dependent phases of <i>Mycobacterium avium</i> infection. <i>Infection and Immunity</i> , 1994, 62, 3962-3971.                             | 1.0 | 194       |
| 70 | Detecting Antibody-Labeled BCG MNPs Using a Magnetoresistive Biosensor and Magnetic Labeling Technique. <i>Journal of Nano Research</i> , 0, 34, 49-60.  | 0.8 | 7         |