

Cristina Cunha

List of Publications by Year in descending order

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106
papers

6,135
citations

109321
35
h-index

74163
75
g-index

112
all docs

112
docs citations

112
times ranked

9380
citing authors

#	ARTICLE	IF	CITATIONS
1	Lung microbiota predict invasive pulmonary aspergillosis and its outcome in immunocompromised patients. <i>Thorax</i> , 2022, 77, 283-291.	5.6	19
2	Association of Skeletal Muscle and Cardiovascular Risk Factors in Patients with Lower Extremity Arterial Disease. <i>Annals of Vascular Surgery</i> , 2022, 80, 223-234.	0.9	1
3	Understanding the genetic basis of immune responses to fungal infection. <i>Expert Review of Anti-Infective Therapy</i> , 2022, , 1-10.	4.4	1
4	Targeting immunometabolism in host-directed therapies to fungal disease. <i>Clinical and Experimental Immunology</i> , 2022, 208, 158-166.	2.6	5
5	Erythrocyte-derived liposomes for the treatment of inflammatory diseases. <i>Journal of Drug Targeting</i> , 2022, 30, 873-883.	4.4	2
6	Is Obesity a Risk Factor for Carotid Atherosclerotic Disease? “Opportunistic Review. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 162.	1.6	2
7	MAVS Expression in Alveolar Macrophages Is Essential for Host Resistance against <i>Aspergillus fumigatus</i> . <i>Journal of Immunology</i> , 2022, 209, 346-353.	0.8	5
8	Paracoccin Overexpression in <i>Paracoccidioides brasiliensis</i> Enhances Fungal Virulence by Remodeling Chitin Properties of the Cell Wall. <i>Journal of Infectious Diseases</i> , 2021, 224, 164-174.	4.0	5
9	Biofunctionalized Liposomes to Monitor Rheumatoid Arthritis Regression Stimulated by Interleukin-23 Neutralization. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001570.	7.6	21
10	TREM1 regulates antifungal immune responses in invasive pulmonary aspergillosis. <i>Virulence</i> , 2021, 12, 570-583.	4.4	3
11	Functional Genetic Variants in ATG10 Are Associated with Acute Myeloid Leukemia. <i>Cancers</i> , 2021, 13, 1344.	3.7	4
12	Neuraminidase and SIGLEC15 modulate the host defense against pulmonary aspergillosis. <i>Cell Reports Medicine</i> , 2021, 2, 100289.	6.5	15
13	Genetic Variation in PFKFB3 Impairs Antifungal Immunometabolic Responses and Predisposes to Invasive Pulmonary Aspergillosis. <i>MBio</i> , 2021, 12, e0036921.	4.1	6
14	Fungal and host protein persulfidation are functionally correlated and modulate both virulence and antifungal response. <i>PLoS Biology</i> , 2021, 19, e3001247.	5.6	8
15	Serum amyloid P component is an essential element of resistance against <i>Aspergillus fumigatus</i> . <i>Nature Communications</i> , 2021, 12, 3739.	12.8	18
16	Sarcopenia as a Prognostic Factor in Peripheral Arterial Disease: Descriptive Review. <i>Annals of Vascular Surgery</i> , 2021, 74, 460-474.	0.9	9
17	Early IL-10 promotes vasculature-associated CD4+ T cells unable to control <i>Mycobacterium tuberculosis</i> infection. <i>JCI Insight</i> , 2021, 6, .	5.0	8
18	Genetic variants in human BCL2L11 (BIM) are associated with ulcerative forms of Buruli ulcer. <i>Emerging Microbes and Infections</i> , 2021, 10, 223-225.	6.5	4

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19	Polymorphisms within the TNFSF4 and MAPKAPK2 Loci Influence the Risk of Developing Invasive Aspergillosis: A Two-Stage Case Control Study in the Context of the aspBIOmics Consortium. Journal of Fungi (Basel, Switzerland), 2021, 7, 4.	3.5	5
20	Proteome analysis of bronchoalveolar lavage fluids reveals host and fungal proteins highly expressed during invasive pulmonary aspergillosis in mice and humans. Virulence, 2020, 11, 1337-1351.	4.4	8
21	Microbiota-derived metabolites as diagnostic markers for respiratory fungal infections. Journal of Pharmaceutical and Biomedical Analysis, 2020, 189, 113473.	2.8	6
22	Host immune genetic variations influence the risk of developing acute myeloid leukaemia: results from the NuCLEAR consortium. Blood Cancer Journal, 2020, 10, 75.	6.2	2
23	Flotillin-Dependent Membrane Microdomains Are Required for Functional Phagolysosomes against Fungal Infections. Cell Reports, 2020, 32, 108017.	6.4	39
24	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. Nature Communications, 2020, 11, 2282.	12.8	68
25	The Absence of HIF-1 α Increases Susceptibility to Leishmania donovani Infection via Activation of BNIP3/mTOR/SREBP-1c Axis. Cell Reports, 2020, 30, 4052-4064.e7.	6.4	32
26	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. PLoS Neglected Tropical Diseases, 2020, 14, e0008125.	3.0	25
27	Positive allosteric modulation of indoleamine 2,3-dioxygenase 1 restrains neuroinflammation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3848-3857.	7.1	58
28	Mothers' distress exposure and children's withdrawn behavior – A moderating role for the Interferon Gamma gene (<i>IFNG</i>). Developmental Psychobiology, 2020, 62, 783-791.	1.6	4
29	Polymorphisms within the <i>ARNT2</i> and <i>CX3CR1</i> Genes Are Associated with the Risk of Developing Invasive Aspergillosis. Infection and Immunity, 2020, 88, .	2.2	8
30	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. , 2020, 14, e0008125.		0
31	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. , 2020, 14, e0008125.		0
32	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. , 2020, 14, e0008125.		0
33	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. , 2020, 14, e0008125.		0
34	Genetic Regulation of the Host-Fungus Interaction in the Pathogenesis of Aspergillosis. Current Fungal Infection Reports, 2019, 13, 77-85.	2.6	0
35	Genetic defects in fungal recognition and susceptibility to invasive pulmonary aspergillosis. Medical Mycology, 2019, 57, S211-S218.	0.7	16
36	PTX3 Polymorphisms Influence Cytomegalovirus Reactivation After Stem-Cell Transplantation. Frontiers in Immunology, 2019, 10, 88.	4.8	9

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37	Ploidy Determination in the Pathogenic Fungus <i>Sporothrix</i> spp.. <i>Frontiers in Microbiology</i> , 2019, 10, 284.	3.5	6
38	Biofunctional Nanofibrous Substrate for Local TNF-Capturing as a Strategy to Control Inflammation in Arthritic Joints. <i>Nanomaterials</i> , 2019, 9, 567.	4.1	9
39	High-Resolution Melting Assay for Genotyping Variants of the CYP2C19 Enzyme and Predicting Voriconazole Effectiveness. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	4
40	The Lung Microbiome, Metabolome, and Breath Volatolome in the Diagnosis of Pulmonary Disease. , 2019, , 297-305.		0
41	Recognition of DHN-melanin by a C-type lectin receptor is required for immunity to <i>Aspergillus</i> . <i>Nature</i> , 2018, 555, 382-386.	27.8	157
42	Interleukin-6 Neutralization by Antibodies Immobilized at the Surface of Polymeric Nanoparticles as a Therapeutic Strategy for Arthritic Diseases. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13839-13850.	8.0	35
43	Metabolic Regulation of Innate Immunity to Fungal Infection. <i>Experientia Supplementum</i> (2012), 2018, 109, 403-420.	0.9	0
44	Cytotoxic T lymphocyte antigen-4 gene polymorphisms and susceptibility to type 1 autoimmune hepatitis in the Tunisian population. <i>Genes and Diseases</i> , 2018, 5, 256-262.	3.4	14
45	Toward the Identification of a Genetic Risk Signature for Pulmonary Aspergillosis in Chronic Obstructive Pulmonary Disease. <i>Clinical Infectious Diseases</i> , 2018, 66, 1153-1154.	5.8	9
46	Host Genetics Takes a Toll on Immunity to <i>Cryptococcus</i> . <i>EBioMedicine</i> , 2018, 37, 9-10.	6.1	1
47	L-Threonine Supplementation During Colitis Onset Delays Disease Recovery. <i>Frontiers in Physiology</i> , 2018, 9, 1247.	2.8	20
48	Calcium sequestration by fungal melanin inhibits calcium-calmodulin signalling to prevent LC3-associated phagocytosis. <i>Nature Microbiology</i> , 2018, 3, 791-803.	13.3	66
49	Role of Deficits in Pathogen Recognition Receptors in Infection Susceptibility. , 2018, , 115-131.		0
50	Host Genetic Signatures of Susceptibility to Fungal Disease. <i>Current Topics in Microbiology and Immunology</i> , 2018, 422, 237-263.	1.1	20
51	Genetic deficiency of NOD2 confers resistance to invasive aspergillosis. <i>Nature Communications</i> , 2018, 9, 2636.	12.8	38
52	The impact of IL-10 dynamic modulation on host immune response against visceral leishmaniasis. <i>Cytokine</i> , 2018, 112, 16-20.	3.2	23
53	Deficiency of immunoregulatory indoleamine 2,3-dioxygenase 1 in juvenile diabetes. <i>JCI Insight</i> , 2018, 3, .	5.0	51
54	Fungal Vaccines and Immunotherapeutics: Current Concepts and Future Challenges. <i>Current Fungal Infection Reports</i> , 2017, 11, 16-24.	2.6	6

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55	IL-10 overexpression predisposes to invasive aspergillosis by suppressing antifungal immunity. Journal of Allergy and Clinical Immunology, 2017, 140, 867-870.e9.	2.9	37
56	Impact of Paracoccin Gene Silencing on <i>Paracoccidioides brasiliensis</i> Virulence. MBio, 2017, 8, .	4.1	18
57	Host-Derived Biomarkers for Risk Assessment of Invasive Fungal Diseases. Methods in Molecular Biology, 2017, 1508, 153-165.	0.9	0
58	The microbiome-metabolome crosstalk in the pathogenesis of respiratory fungal diseases. Virulence, 2017, 8, 673-684.	4.4	25
59	The Cell Biology of the Trichosporon-Host Interaction. Frontiers in Cellular and Infection Microbiology, 2017, 7, 118.	3.9	53
60	Evaluation of Bronchoalveolar Lavage Fluid Cytokines as Biomarkers for Invasive Pulmonary Aspergillosis in At-Risk Patients. Frontiers in Microbiology, 2017, 8, 2362.	3.5	54
61	Common Genetic Polymorphisms within NF κ B-Related Genes and the Risk of Developing Invasive Aspergillosis. Frontiers in Microbiology, 2016, 7, 1243.	3.5	13
62	Immunometabolic Pathways in BCG-Induced Trained Immunity. Cell Reports, 2016, 17, 2562-2571.	6.4	467
63	Glutaminolysis and Fumarate Accumulation Integrate Immunometabolic and Epigenetic Programs in Trained Immunity. Cell Metabolism, 2016, 24, 807-819.	16.2	584
64	The soluble pattern recognition receptor PTX3 links humoral innate and adaptive immune responses by helping marginal zone B cells. Journal of Experimental Medicine, 2016, 213, 2167-2185.	8.5	69
65	Polymorphisms in Host Immunity-Modulating Genes and Risk of Invasive Aspergillosis: Results from the AspBIOMics Consortium. Infection and Immunity, 2016, 84, 643-657.	2.2	35
66	Association of a variable number tandem repeat in the NLRP3 gene in women with susceptibility to RVVC. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 797-801.	2.9	51
67	Genetic Variation in Autophagy-Related Genes Influences the Risk and Phenotype of Buruli Ulcer. PLoS Neglected Tropical Diseases, 2016, 10, e0004671.	3.0	35
68	Paving the way for predictive diagnostics and personalized treatment of invasive aspergillosis. Frontiers in Microbiology, 2015, 6, 411.	3.5	26
69	PTX3-Based Genetic Testing for Risk of Aspergillosis After Lung Transplant: Table 1.. Clinical Infectious Diseases, 2015, 61, 1893-1894.	5.8	46
70	Genetic PTX3 Deficiency and Aspergillosis in Stem-Cell Transplantation. New England Journal of Medicine, 2014, 370, 421-432.	27.0	265
71	PTX3 Deficiency and Aspergillosis. New England Journal of Medicine, 2014, 370, 1665-1667.	27.0	7
72	Neutrophil Responses to Aspergillosis: New Roles for Old Players. Mycopathologia, 2014, 178, 387-393.	3.1	31

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73	Tryptophan Catabolites from Microbiota Engage Aryl Hydrocarbon Receptor and Balance Mucosal Reactivity via Interleukin-22. <i>Immunity</i> , 2013, 39, 372-385.	14.3	1,663
74	Invasive fungal diseases in haematopoietic cell transplant recipients and in patients with acute myeloid leukaemia or myelodysplasia in Brazil. <i>Clinical Microbiology and Infection</i> , 2013, 19, 745-751.	6.0	118
75	Th17/Treg Imbalance in Murine Cystic Fibrosis Is Linked to Indoleamine 2,3-Dioxygenase Deficiency but Corrected by Kynurenines. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 609-620.	5.6	86
76	TLR9 Activation Dampens the Early Inflammatory Response to <i>Paracoccidioides brasiliensis</i> , Impacting Host Survival. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2317.	3.0	18
77	Human Genetic Susceptibility to Invasive Aspergillosis. <i>PLoS Pathogens</i> , 2013, 9, e1003434.	4.7	58
78	IL-22 and IDO1 Affect Immunity and Tolerance to Murine and Human Vaginal Candidiasis. <i>PLoS Pathogens</i> , 2013, 9, e1003486.	4.7	102
79	Hypoxia Promotes Danger-mediated Inflammation via Receptor for Advanced Glycation End Products in Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1338-1350.	5.6	39
80	Immunity and Tolerance to Fungi in Hematopoietic Transplantation: Principles and Perspectives. <i>Frontiers in Immunology</i> , 2012, 3, 156.	4.8	26
81	DAMP signaling in fungal infections and diseases. <i>Frontiers in Immunology</i> , 2012, 3, 286.	4.8	48
82	Host genetics and invasive fungal diseases: towards improved diagnosis and therapy?. <i>Expert Review of Anti-Infective Therapy</i> , 2012, 10, 257-259.	4.4	10
83	TLR3 essentially promotes protective class I-restricted memory CD8+ T-cell responses to <i>Aspergillus fumigatus</i> in hematopoietic transplanted patients. <i>Blood</i> , 2012, 119, 967-977.	1.4	117
84	The rs5743836 polymorphism in TLR9 confers a population-based increased risk of non-Hodgkin lymphoma. <i>Genes and Immunity</i> , 2012, 13, 197-201.	4.1	35
85	Inflammation in aspergillosis: the good, the bad, and the therapeutic. <i>Annals of the New York Academy of Sciences</i> , 2012, 1273, 52-59.	3.8	19
86	Host Defense Pathways Against Fungi: The Basis for Vaccines and Immunotherapy. <i>Frontiers in Microbiology</i> , 2012, 3, 176.	3.5	17
87	Dectin-1 isoforms contribute to distinct Th1/Th17 cell activation in mucosal candidiasis. <i>Cellular and Molecular Immunology</i> , 2012, 9, 276-286.	10.5	97
88	Immunotherapy of aspergillosis. <i>Clinical Microbiology and Infection</i> , 2012, 18, 120-125.	6.0	32
89	CD4+ T cell vaccination overcomes defective cross-presentation of fungal antigens in a mouse model of chronic granulomatous disease. <i>Journal of Clinical Investigation</i> , 2012, 122, 1816-1831.	8.2	71
90	Immunity and tolerance to infections in experimental hematopoietic transplantation. <i>Best Practice and Research in Clinical Haematology</i> , 2011, 24, 435-442.	1.7	3

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91	Genetic susceptibility to aspergillosis in allogeneic stem-cell transplantation. <i>Medical Mycology</i> , 2011, 49, S137-S143.	0.7	14
92	Immunogenetic Profiling to Predict Risk of Invasive Fungal Diseases: Where Are We Now?. <i>Immunological Investigations</i> , 2011, 40, 723-734.	2.0	14
93	Genetically-Determined Hyperfunction of the S100B/RAGE Axis Is a Risk Factor for Aspergillosis in Stem Cell Transplant Recipients. <i>PLoS ONE</i> , 2011, 6, e27962.	2.5	47
94	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.	2.5	37
95	Dectin-1 Y238X polymorphism associates with susceptibility to invasive aspergillosis in hematopoietic transplantation through impairment of both recipient- and donor-dependent mechanisms of antifungal immunity. <i>Blood</i> , 2010, 116, 5394-5402.	1.4	259
96	Non-hematopoietic cells contribute to protective tolerance to <i>Aspergillus fumigatus</i> via a TRIF pathway converging on IDO. <i>Cellular and Molecular Immunology</i> , 2010, 7, 459-470.	10.5	62
97	Intranasally delivered siRNA targeting PI3K/Akt/mTOR inflammatory pathways protects from aspergillosis. <i>Mucosal Immunology</i> , 2010, 3, 193-205.	6.0	64
98	Prognostic significance of genetic variants in the IL-23/Th17 pathway for the outcome of T cell-depleted allogeneic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2010, 45, 1645-1652.	2.4	42
99	Cracking the Toll-like receptor code in fungal infections. <i>Expert Review of Anti-Infective Therapy</i> , 2010, 8, 1121-1137.	4.4	19
100	Genetic variability of innate immunity impacts human susceptibility to fungal diseases. <i>International Journal of Infectious Diseases</i> , 2010, 14, e460-e468.	3.3	44
101	Polymorphisms in Toll-like receptor genes and susceptibility to infections in allogeneic stem cell transplantation. <i>Experimental Hematology</i> , 2009, 37, 1022-1029.	0.4	96
102	Cdc42p controls yeast-cell shape and virulence of <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 919-926.	2.1	54
103	Towards a molecular genetic system for the pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2007, 44, 1387-1398.	2.1	54
104	Transcription-dependent nucleocytoplasmic distribution of hnRNP A1 protein in early mouse embryos. <i>Journal of Cell Science</i> , 2001, 114, 1521-1531.	2.0	32
105	Localization of hepatitis delta virus RNA in the nucleus of human cells. <i>Rna</i> , 1998, 4, 680-693.	3.5	33
106	PTX3 Inhibits Complement-Driven Macrophage Activation to Restrain Granuloma Formation in Sarcoidosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 0, , .	5.6	5