

# Jean-Pierre Gangneux

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

5,212  
citations

94433

37  
h-index

95266

68  
g-index

118  
all docs

118  
docs citations

118  
times ranked

6068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining and managing COVID-19-associated pulmonary aspergillosis: the 2020 ECMM/ISHAM consensus criteria for research and clinical guidance. <i>Lancet Infectious Diseases</i> , The, 2021, 21, e149-e162.	9.1	586
2	Epidemiology, management, and risk factors for death of invasive <i>Candida</i> infections in critical care: A multicenter, prospective, observational study in France (2005-2006). <i>Critical Care Medicine</i> , 2009, 37, 1612-1618.	0.9	453
3	The emergence of COVID-19 associated mucormycosis: a review of cases from 18 countries. <i>Lancet Microbe</i> , The, 2022, 3, e543-e552.	7.3	255
4	Invasive fungal diseases during COVID-19: We should be prepared. <i>Journal De Mycologie Medicale</i> , 2020, 30, 100971.	1.5	250
5	COVID-19-associated Pulmonary Aspergillosis, March-August 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 1077-1086.	4.3	175
6	Fungal infections in mechanically ventilated patients with COVID-19 during the first wave: the French multicentre MYCOVID study. <i>Lancet Respiratory Medicine</i> , the, 2022, 10, 180-190.	10.7	161
7	Diagnosing COVID-19-associated pulmonary aspergillosis. <i>Lancet Microbe</i> , The, 2020, 1, e53-e55.	7.3	158
8	Empirical Micafungin Treatment and Survival Without Invasive Fungal Infection in Adults With ICU-Acquired Sepsis, <i>Candida</i> Colonization, and Multiple Organ Failure. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1555.	7.4	152
9	ECMM/ISHAM recommendations for clinical management of COVID-19 associated mucormycosis in low- and middle-income countries. <i>Mycoses</i> , 2021, 64, 1028-1037.	4.0	137
10	Risk factors and outcome of pulmonary aspergillosis in critically ill coronavirus disease 2019 patients—a multinational observational study by the European Confederation of Medical Mycology. <i>Clinical Microbiology and Infection</i> , 2022, 28, 580-587.	6.0	133
11	Fungal Contamination of Food in Hematology Units. <i>Journal of Clinical Microbiology</i> , 2000, 38, 4272-4273.	3.9	106
12	Diagnosis of <i>Pneumocystis jirovecii</i> Pneumonia in Immunocompromised Patients by Real-Time PCR: a 4-Year Prospective Study. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3370-3376.	3.9	96
13	Indoor fungal contamination: Health risks and measurement methods in hospitals, homes and workplaces. <i>Critical Reviews in Microbiology</i> , 2014, 40, 248-260.	6.1	85
14	Indoor air quality in two French hospitals: Measurement of chemical and microbiological contaminants. <i>Science of the Total Environment</i> , 2018, 642, 168-179.	8.0	77
15	VOC Contamination in Hospital, from Stationary Sampling of a Large Panel of Compounds, in View of Healthcare Workers and Patients Exposure Assessment. <i>PLoS ONE</i> , 2013, 8, e55535.	2.5	76
16	Crucial and Diverse Role of the Interleukin-33/ST2 Axis in Infectious Diseases. <i>Infection and Immunity</i> , 2015, 83, 1738-1748.	2.2	75
17	An estimation of burden of serious fungal infections in France. <i>Journal De Mycologie Medicale</i> , 2016, 26, 385-390.	1.5	71
18	The placenta: a main role in congenital toxoplasmosis?. <i>Trends in Parasitology</i> , 2011, 27, 530-536.	3.3	65

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19	Clinical Relevance of Placenta Examination for the Diagnosis of Congenital Toxoplasmosis. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 33-38.	2.0	64
20	Impaired Functions of Macrophage from Cystic Fibrosis Patients: CD11b, TLR-5 Decrease and sCD14, Inflammatory Cytokines Increase. <i>PLoS ONE</i> , 2013, 8, e75667.	2.5	61
21	A 10-Year Retrospective Comparison of Two Target Sequences, REP-529 and B1, for <i>Toxoplasma gondii</i> Detection by Quantitative PCR. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1294-1300.	3.9	60
22	Evaluation of MucorGenius <sup>®</sup> mucorales PCR assay for the diagnosis of pulmonary mucormycosis. <i>Journal of Infection</i> , 2020, 81, 311-317.	3.3	57
23	Antifungal de-escalation was not associated with adverse outcome in critically ill patients treated for invasive candidiasis: post hoc analyses of the AmarCAND2 study data. <i>Intensive Care Medicine</i> , 2015, 41, 1931-1940.	8.2	53
24	Global guidelines and initiatives from the European Confederation of Medical Mycology to improve patient care and research worldwide: New leadership is about working together. <i>Mycoses</i> , 2018, 61, 885-894.	4.0	52
25	Correlation of Parasite Load Determined by Quantitative PCR to Clinical Outcome in a Heart Transplant Patient with Disseminated Toxoplasmosis. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2541-2545.	3.9	51
26	The IL-33/ST2 Axis Is Associated with Human Visceral Leishmaniasis and Suppresses Th1 Responses in the Livers of BALB/c Mice Infected with <i>Leishmania donovani</i> . <i>MBio</i> , 2013, 4, e00383-13.	4.1	50
27	Liposomal amphotericin B in travelers with cutaneous and muco-cutaneous leishmaniasis: Not a panacea. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006094.	3.0	50
28	Is the COVID-19 Pandemic a Good Time to Include <i>Aspergillus</i> Molecular Detection to Categorize Aspergillosis in ICU Patients? A Monocentric Experience. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 105.	3.5	50
29	Elevated levels of soluble non-classical major histocompatibility class I molecule human leucocyte antigen (HLA)-G in the blood of HIV-infected patients with or without visceral leishmaniasis. <i>Clinical and Experimental Immunology</i> , 2006, 147, 061129014413003-???	2.6	49
30	Experimental Evaluation of Second-Line Oral Treatments of Visceral Leishmaniasis Caused by <i>Leishmania infantum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 172-174.	3.2	48
31	Transient aspergillus antigenaemia: think of milk. <i>Lancet, The</i> , 2002, 359, 1251.	13.7	48
32	Prospective Value of PCR Amplification and Sequencing for Diagnosis and Typing of Old World <i>Leishmania</i> Infections in an Area of Nonendemicity. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1419-1422.	3.9	46
33	Population pharmacokinetics of micafungin in ICU patients with sepsis and mechanical ventilation. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 181-189.	3.0	46
34	Soluble CD14 acts as a DAMP in human macrophages: origin and involvement in inflammatory cytokine/chemokine production. <i>FASEB Journal</i> , 2017, 31, 1891-1902.	0.5	42
35	Indications and outcomes of antifungal therapy in French patients with haematological conditions or recipients of haematopoietic stem cell transplantation. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2731-2738.	3.0	41
36	Real-time PCR for diagnosis of imported schistosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007711.	3.0	40

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37	Leishmania cell wall as a potent target for antiparasitic drugs. A focus on the glycoconjugates. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8393-8404.	2.8	39
38	Home Environmental Interventions for the Prevention or Control of Allergic and Respiratory Diseases: What Really Works. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 66-79.	3.8	39
39	Virulence of <i>Leishmania infantum</i> Is Expressed as a Clonal and Dominant Phenotype in Experimental Infections. <i>Infection and Immunity</i> , 2001, 69, 7365-7373.	2.2	38
40	Improving the diagnosis of invasive aspergillosis by the detection of <i>Aspergillus</i> in broncho-alveolar lavage fluid: Comparison of non-culture-based assays. <i>Journal of Infection</i> , 2018, 76, 196-205.	3.3	38
41	Prevention of Nosocomial Fungal Infection: The French Approach. <i>Clinical Infectious Diseases</i> , 2002, 35, 343-346.	5.8	36
42	The current state of clinical mycology in Africa: a European Confederation of Medical Mycology and International Society for Human and Animal Mycology survey. <i>Lancet Microbe</i> , The, 2022, 3, e464-e470.	7.3	35
43	Epidemiology of <i>Trichophyton verrucosum</i> infection in Rennes University Hospital, France: A 12-year retrospective study. <i>Medical Mycology</i> , 2017, 55, myw142.	0.7	34
44	COVID-19-Associated Pulmonary Aspergillosis, Fungemia, and Pneumocystosis in the Intensive Care Unit: a Retrospective Multicenter Observational Cohort during the First French Pandemic Wave. <i>Microbiology Spectrum</i> , 2021, 9, e0113821.	3.0	32
45	Bacterial and Fungal Counts in Hospital Air: Comparative Yields for 4 Sieve Impactor Air Samplers With 2 Culture Media. <i>Infection Control and Hospital Epidemiology</i> , 2006, 27, 1405-1408.	1.8	30
46	Invariant NKT Cells Drive Hepatic Cytokinic Microenvironment Favoring Efficient Granuloma Formation and Early Control of <i>Leishmania donovani</i> Infection. <i>PLoS ONE</i> , 2012, 7, e33413.	2.5	30
47	High level of soluble HLA-G in amniotic fluid is correlated with congenital transmission of <i>Toxoplasma gondii</i> . <i>Clinical Immunology</i> , 2011, 138, 129-134.	3.2	29
48	The Extent of Aspergillosis in Critically Ill Patients With Severe Influenza Pneumonia: A Multicenter Cohort Study. <i>Critical Care Medicine</i> , 2021, 49, 934-942.	0.9	29
49	Comparison of three commercial multiplex PCR assays for the diagnosis of intestinal protozoa. <i>Parasite</i> , 2018, 25, 48.	2.0	28
50	Essential in vitro diagnostics for advanced HIV and serious fungal diseases: international experts' consensus recommendations. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1581-1584.	2.9	28
51	Use of the intramuscular route to administer pentamidine isethionate in <i>Leishmania guyanensis</i> cutaneous leishmaniasis increases the risk of treatment failure. <i>Travel Medicine and Infectious Disease</i> , 2018, 24, 31-36.	3.0	26
52	Performance of Molecular Approaches for <i>Aspergillus</i> Detection and Azole Resistance Surveillance in Cystic Fibrosis. <i>Frontiers in Microbiology</i> , 2018, 9, 531.	3.5	26
53	Influenza- and COVID-19-Associated Pulmonary Aspergillosis: Are the Pictures Different?. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 388.	3.5	26
54	Epidemiology of invasive aspergillosis and risk factors in non neutropaenic patients. <i>Revue Des Maladies Respiratoires</i> , 2010, 27, e34-e46.	1.7	25

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55	Metagenomic Characterization of Indoor Dust Bacterial and Fungal Microbiota in Homes of Asthma and Non-asthma Patients Using Next Generation Sequencing. <i>Frontiers in Microbiology</i> , 2020, 11, 1671.	3.5	23
56	<i>Aspergillus</i> Lateral Flow Assay with Digital Reader for the Diagnosis of COVID-19-Associated Pulmonary Aspergillosis (CAPA): a Multicenter Study. <i>Journal of Clinical Microbiology</i> , 2022, 60, JCM0168921.	3.9	23
57	Experimental Pathogenicity of a Presumed Monoxenous Trypanosomatid Isolated from Humans in a Murine Model. <i>Journal of Eukaryotic Microbiology</i> , 2001, 48, 170-176.	1.7	21
58	Recurrent American Cutaneous Leishmaniasis. <i>Emerging Infectious Diseases</i> , 2007, 13, 1436-1438.	4.3	21
59	Eighty Years of Mycopathologia: A Retrospective Analysis of Progress Made in Understanding Human and Animal Fungal Pathogens. <i>Mycopathologia</i> , 2018, 183, 859-877.	3.1	21
60	Diagnosis of Breakthrough Fungal Infections in the Clinical Mycology Laboratory: An ECMM Consensus Statement. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 216.	3.5	21
61	Anti-Inflammatory Effect of Fluvastatin on IL-8 Production Induced by <i>Pseudomonas aeruginosa</i> and <i>Aspergillus fumigatus</i> Antigens in Cystic Fibrosis. <i>PLoS ONE</i> , 2011, 6, e22655.	2.5	21
62	Contribution of molecular tools for the diagnosis and epidemiology of fungal chronic rhinosinusitis. <i>Medical Mycology</i> , 2016, 54, 794-800.	0.7	20
63	Evaluation of the Allplex™ Gastrointestinal Panel™ Parasite Assay for Protozoa Detection in Stool Samples: A Retrospective and Prospective Study. <i>Microorganisms</i> , 2020, 8, 569.	3.6	20
64	A review of significance of <i>Aspergillus</i> detection in airways of ICU COVID-19 patients. <i>Mycoses</i> , 2021, 64, 980-988.	4.0	20
65	Correlation between Environmental Relative Moldiness Index (ERMI) values in French dwellings and other measures of fungal contamination. <i>Science of the Total Environment</i> , 2012, 438, 319-324.	8.0	19
66	ECMM <i>Candida</i> RegA™ A ready to use platform for outbreaks and epidemiological studies. <i>Mycoses</i> , 2019, 62, 920-927.	4.0	19
67	Experimental assessment of disinfection procedures for eradication of <i>Aspergillus fumigatus</i> in food. <i>Blood</i> , 2004, 104, 2000-2002.	1.4	18
68	Prevalence of and risk factors for acute mountain sickness among a cohort of high-altitude travellers who received pre-travel counselling. <i>Travel Medicine and Infectious Disease</i> , 2014, 12, 534-540.	3.0	18
69	Bridging the knowledge gap on mycoses in Africa: Setting up a Pan-African Mycology Working Group. <i>Mycoses</i> , 2020, 63, 244-249.	4.0	18
70	Evidence for determining parasitic factors in addition to host genetics and immune status in the outcome of murine <i>Leishmania infantum</i> visceral leishmaniasis. <i>Parasite Immunology</i> , 2000, 22, 515-519.	1.5	16
71	Possible application of the Environmental Relative Moldiness Index in France: A pilot study in Brittany. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 333-340.	4.3	16
72	Near-Fatal Multiple Organ Dysfunction Syndrome Induced by <i>Plasmodium malariae</i> . <i>Emerging Infectious Diseases</i> , 2009, 15, 832-834.	4.3	16

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73	Evaluation of a new mobile system for protecting immune-suppressed patients against airborne contamination. <i>American Journal of Infection Control</i> , 2007, 35, 460-466.	2.3	15
74	High negative predictive value diagnostic strategies for the reevaluation of early antifungal treatment: A multicenter prospective trial in patients at risk for invasive fungal infections. <i>Journal of Infection</i> , 2015, 71, 258-265.	3.3	14
75	Indoor Carbon Dioxide, Fine Particulate Matter and Total Volatile Organic Compounds in Private Healthcare and Elderly Care Facilities. <i>Toxics</i> , 2022, 10, 136.	3.7	13
76	<i>Pneumocystis jirovecii</i> and Cystic Fibrosis in Brittany, France. <i>Mycopathologia</i> , 2018, 183, 81-87.	3.1	12
77	Immune Parameters for Diagnosis and Treatment Monitoring in Invasive Mold Infection. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 116.	3.5	12
78	Evaluation of the Allplex <sup>®</sup> GI-Helminth(I) Assay, the first marketed multiplex PCR for helminth diagnosis. <i>Parasite</i> , 2021, 28, 33.	2.0	11
79	In Vitro and Ex Vivo Permissivity of Hepatocytes for <i>Leishmania donovani</i> . <i>Journal of Eukaryotic Microbiology</i> , 2005, 52, 489-491.	1.7	10
80	Immunostimulatory Properties of Dendritic Cells after <i>Leishmania donovani</i> Infection Using an In Vitro Model of Liver Microenvironment. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e703.	3.0	10
81	Indoor Air Quality in Healthcare and Care Facilities: Chemical Pollutants and Microbiological Contaminants. <i>Atmosphere</i> , 2021, 12, 1337.	2.3	10
82	Differential Interactions of Serum and Bronchoalveolar Lavage Fluid Complement Proteins with <i>Conidia</i> of Airborne Fungal Pathogen <i>Aspergillus fumigatus</i> . <i>Infection and Immunity</i> , 2020, 88, .	2.2	9
83	Toward the personalized and integrative management of voriconazole dosing during COVID-19-associated pulmonary aspergillosis. <i>Critical Care</i> , 2021, 25, 152.	5.8	9
84	Efficient and Quality-Optimized Metagenomic Pipeline Designed for Taxonomic Classification in Routine Microbiological Clinical Tests. <i>Microorganisms</i> , 2022, 10, 711.	3.6	9
85	Treatment outcome definitions in chronic pulmonary aspergillosis: a CPAnet consensus statement. <i>European Respiratory Journal</i> , 2022, 59, 2102950.	6.7	9
86	A European ECMM-ESCMID survey on goals and practices for mycobiota characterisation using next-generation sequencing. <i>Mycoses</i> , 2019, 62, 1096-1099.	4.0	8
87	European confederation of medical mycology expert consultation "An ECMM excellence center initiative. <i>Mycoses</i> , 2020, 63, 566-572.	4.0	8
88	Identification, biochemical characterization, and in-vivo expression of the intracellular invertase BfrA from the pathogenic parasite <i>Leishmania major</i> . <i>Carbohydrate Research</i> , 2015, 415, 31-38.	2.3	7
89	Comparative Evaluation of Three Impactor Samplers for Measuring Airborne Bacteria and Fungi Concentrations. <i>Journal of Occupational and Environmental Hygiene</i> , 2013, 10, 455-459.	1.0	6
90	Quantitative Health Risk Assessment of the Chronic Inhalation of Chemical Compounds in Healthcare and Elderly Care Facilities. <i>Toxics</i> , 2022, 10, 141.	3.7	6

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91	Cryptococcal Meningitis in Kidney Transplant Recipients: A Two-Decade Cohort Study in France. <i>Pathogens</i> , 2022, 11, 699.	2.8	6
92	Systemic Antifungal Prophylaxis in Patients Hospitalized in Hematology Units in France: The AFHEM Cross-Sectional Observational Study. <i>Infectious Diseases and Therapy</i> , 2018, 7, 309-325.	4.0	5
93	<i>Dibothriocephalus nihonkaiensis</i> : an emerging concern in western countries?. <i>Expert Review of Anti-Infective Therapy</i> , 2019, 17, 677-679.	4.4	5
94	IL-33/ST2 axis is involved in disease progression in the spleen during <i>Leishmania donovani</i> infection. <i>Parasites and Vectors</i> , 2020, 13, 320.	2.5	5
95	The challenge of access to refined fungal diagnosis: An investment case for low- and middle-income countries. <i>Journal De Mycologie Medicale</i> , 2021, 31, 101140.	1.5	5
96	Clinical value of serology for the diagnosis of strongyloidiasis in travelers and migrants: A 4-year retrospective study using the Bordier IVD <sup>®</sup> <i>Strongyloides ratti</i> ELISA assay. <i>Parasite</i> , 2021, 28, 79.	2.0	5
97	Antifungal Stewardship in Hematology: Reflection of a Multidisciplinary Group of Experts. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2021, 21, 35-45.	0.4	4
98	Proteomic Analysis of Humoral Immune Components in Bronchoalveolar Lavage of Patients Infected or Colonized by <i>Aspergillus fumigatus</i> . <i>Frontiers in Immunology</i> , 2021, 12, 677798.	4.8	4
99	Asthma and Indoor Environment: Usefulness of a Global Allergen Avoidance Method on Asthma Control and Exposure to Molds. <i>Mycopathologia</i> , 2020, 185, 367-371.	3.1	3
100	Outcomes of Antifungal Prophylaxis in High-Risk Haematological Patients (AML under Intensive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 36, 281.	3.5	3
101	Fungal infections in transplant recipients: pros and cons of immunosuppressive and antimicrobial treatment. <i>Lancet Microbe, The</i> , 2021, 2, e6-e8.	7.3	3
102	Environmental Fungal Risk in Health Facilities. , 2017, , 303-319.		2
103	Chromoblastomycosis Due to a Never-before-Seen Dematiaceous Fungus in a Kidney Transplant Patient. <i>Microorganisms</i> , 2021, 9, 2139.	3.6	2
104	Mycoses profondes et transplantation. <i>Revue Francophone Des Laboratoires</i> , 2008, 2008, 41-48.	0.0	1
105	Les helminthoses Ã tropisme hÃ©patique. <i>Revue Francophone Des Laboratoires</i> , 2019, 2019, 73-80.	0.0	1
106	Des cerfs-volants dans les selles. <i>Revue Francophone Des Laboratoires</i> , 2021, 2021, 77-79.	0.0	0
107	Migrants et maladies parasitaires dâ€™importation. <i>Revue Francophone Des Laboratoires</i> , 2022, 2022, 79-80.	0.0	0
108	Time-dependent bias when analysing COVID-19-associated pulmonary aspergillosis â€œ Authors' reply. <i>Lancet Respiratory Medicine</i> , the, 2022, , .	10.7	0

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109	Systemic antifungal strategies in allogeneic hematopoietic stem cell recipients hospitalized in french hematology units: a post-hoc analysis of the cross-sectional observational AFHEM study»ç. BMC Infectious Diseases, 2022, 22, 352.	2.9	0
110	Evaluation of Commercial Concentration Methods for Microscopic Diagnosis of Protozoa and Helminths in Human Stool Samples in a Non-Endemic Area. Microorganisms, 2022, 10, 1237.	3.6	0