

Jean-Louis Herrmann

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

4,587
citations

38
h-index

66
g-index

106
ext. papers

5,654
ext. citations

5.8
avg, IF

5.34
L-index

#	Paper	IF	Citations
96	IgA Serological Response for the Diagnosis of Mycobacterium abscessus Infections in Patients with Cystic Fibrosis.. <i>Microbiology Spectrum</i> , 2022 , e0019222	8.9	0
95	Cutibacterium acnes clonal complexes display various growth rates in blood culture vials used for diagnosing orthopedic device-related infections. <i>Anaerobe</i> , 2021 , 72, 102469	2.8	1
94	The first wave of COVID-19 in hospital staff members of a tertiary care hospital in the greater Paris area: A surveillance and risk factors study. <i>International Journal of Infectious Diseases</i> , 2021 , 105, 172-179	10.5	8
93	Versatile and flexible microfluidic qPCR test for high-throughput SARS-CoV-2 and cellular response detection in nasopharyngeal swab samples. <i>PLoS ONE</i> , 2021 , 16, e0243333	3.7	6
92	Liposomal drug delivery to manage nontuberculous mycobacterial pulmonary disease and other chronic lung infections. <i>European Respiratory Review</i> , 2021 , 30,	9.8	3
91	A mobile DNA laboratory for forensic science adapted to coronavirus SARS-CoV-2 diagnosis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 197-200	5.3	3
90	Conserved and specialized functions of Type VII secretion systems in non-tuberculous mycobacteria. <i>Microbiology (United Kingdom)</i> , 2021 , 167,	2.9	5
89	Serological biomarkers for the diagnosis of Mycobacterium abscessus infections in cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2021 ,	4.1	2
88	Structure-Based Design and Synthesis of Piperidinol-Containing Molecules as New Inhibitors. <i>ChemistryOpen</i> , 2020 , 9, 351-365	2.3	10
87	Non-tuberculous mycobacteria and the rise of Mycobacterium abscessus. <i>Nature Reviews Microbiology</i> , 2020 , 18, 392-407	22.2	152
86	Actinomycetoma Caused by Actinomadura mexicana, A Neglected Entity in the Caribbean. <i>Emerging Infectious Diseases</i> , 2020 , 26, 379-380	10.2	4
85	Guidelines for the management of accidental exposure to Brucella in a country with no case of brucellosis in ruminant animals. <i>Medicine Et Maladies Infectieuses</i> , 2020 , 50, 480-485	4	0
84	Active Benzimidazole Derivatives Targeting the MmpL3 Transporter in. <i>ACS Infectious Diseases</i> , 2020 , 6, 324-337	5.5	25
83	A TLR2-Activating Fraction From Rough Variant Demonstrates Vaccine and Diagnostic Potential. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 432	5.9	2
82	Efficacy of Bedaquiline, Alone or in Combination with Imipenem, against Mycobacterium abscessus in C3HeB/FeJ Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	12
81	Lsr2 Is an Important Determinant of Intracellular Growth and Virulence in. <i>Frontiers in Microbiology</i> , 2019 , 10, 905	5.7	8
80	Verapamil Improves the Activity of Bedaquiline against Mycobacterium abscessus In Vitro and in Macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	13

79	Close proximity interactions support transmission of ESBL-K. pneumoniae but not ESBL-E. coli in healthcare settings. <i>PLoS Computational Biology</i> , 2019 , 15, e1006496	5	14
78	Risk factors for respiratory tract bacterial colonization in adults with neuromuscular or neurological disorders and chronic tracheostomy. <i>Respiratory Medicine</i> , 2019 , 152, 32-36	4.6	8
77	Cyclipostins and Cyclophostin Analogues as Multitarget Inhibitors That Impair Growth of. <i>ACS Infectious Diseases</i> , 2019 , 5, 1597-1608	5.5	17
76	Mycobacterium abscessus virulence traits unraveled by transcriptomic profiling in amoeba and macrophages. <i>PLoS Pathogens</i> , 2019 , 15, e1008069	7.6	16
75	CFTR Protects against Mycobacterium abscessus Infection by Fine-Tuning Host Oxidative Defenses. <i>Cell Reports</i> , 2019 , 26, 1828-1840.e4	10.6	29
74	Identification of genes required for growth in vivo with a prominent role of the ESX-4 locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1002-E1011	11.5	61
73	Cyclophostin and Cyclipostins analogues, new promising molecules to treat mycobacterial-related diseases. <i>International Journal of Antimicrobial Agents</i> , 2018 , 51, 651-654	14.3	17
72	Neutrophil killing of Mycobacterium abscessus by intra- and extracellular mechanisms. <i>PLoS ONE</i> , 2018 , 13, e0196120	3.7	15
71	Glycopeptidolipids, a Double-Edged Sword of the Complex. <i>Frontiers in Microbiology</i> , 2018 , 9, 1145	5.7	38
70	Identification of Virulence Markers of Mycobacterium abscessus for Intracellular Replication in Phagocytes. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	4
69	MmpL8 controls virulence and production of a previously unknown glycolipid family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10147-E10156	11.5	23
68	Scrutiny of Mycobacterium tuberculosis 19 kDa antigen proteoforms provides new insights in the lipoglycoprotein biogenesis paradigm. <i>Scientific Reports</i> , 2017 , 7, 43682	4.9	18
67	The diverse family of MmpL transporters in mycobacteria: from regulation to antimicrobial developments. <i>Molecular Microbiology</i> , 2017 , 104, 889-904	4.1	67
66	Predicting susceptibility to tuberculosis based on gene expression profiling in dendritic cells. <i>Scientific Reports</i> , 2017 , 7, 5702	4.9	6
65	Bedaquiline Inhibits the ATP Synthase in Mycobacterium abscessus and Is Effective in Infected Zebrafish. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	52
64	The Diverse Cellular and Animal Models to Decipher the Physiopathological Traits of Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 100	5.9	46
63	Controlling Extra- and Intramacrophagic by Targeting Mycolic Acid Transport. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 388	5.9	16
62	Inhibition of the β -Lactamase Bla by Avibactam Improves the and Efficacy of Imipenem against Mycobacterium abscessus. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	54

61	US Cystic Fibrosis Foundation and European Cystic Fibrosis Society consensus recommendations for the management of non-tuberculous mycobacteria in individuals with cystic fibrosis: executive summary. <i>Thorax</i> , 2016 , 71, 88-90	7.3	118
60	Genome-wide mosaicism within Mycobacterium abscessus: evolutionary and epidemiological implications. <i>BMC Genomics</i> , 2016 , 17, 118	4.5	44
59	US Cystic Fibrosis Foundation and European Cystic Fibrosis Society consensus recommendations for the management of non-tuberculous mycobacteria in individuals with cystic fibrosis. <i>Thorax</i> , 2016 , 71 Suppl 1, i1-22	7.3	230
58	Vaccine strategies against cystic fibrosis pathogens. <i>Human Vaccines and Immunotherapeutics</i> , 2016 , 12, 751-6	4.4	4
57	Mycobacterium abscessus-Induced Granuloma Formation Is Strictly Dependent on TNF Signaling and Neutrophil Trafficking. <i>PLoS Pathogens</i> , 2016 , 12, e1005986	7.6	51
56	A new piperidinol derivative targeting mycolic acid transport in Mycobacterium abscessus. <i>Molecular Microbiology</i> , 2016 , 101, 515-29	4.1	65
55	Deletion of a dehydratase important for intracellular growth and cording renders rough Mycobacterium abscessus avirulent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E4228-37	11.5	47
54	The distinct fate of smooth and rough Mycobacterium abscessus variants inside macrophages. <i>Open Biology</i> , 2016 , 6,	7	73
53	Méthodes moléculaires et automatisation en microbiologie. <i>Revue Francophone Des Laboratoires</i> , 2016 , 2016, 35-37	0	
52	Insights into the smooth-to-rough transitioning in Mycobacterium boletii unravels a functional Tyr residue conserved in all mycobacterial MmpL family members. <i>Molecular Microbiology</i> , 2016 , 99, 866-83	4.1	63
51	MgtC as a Host-Induced Factor and Vaccine Candidate against Mycobacterium abscessus Infection. <i>Infection and Immunity</i> , 2016 , 84, 2895-903	3.7	22
50	Detailed contact data and the dissemination of Staphylococcus aureus in hospitals. <i>PLoS Computational Biology</i> , 2015 , 11, e1004170	5	43
49	Bacterial phospholipases C as vaccine candidate antigens against cystic fibrosis respiratory pathogens: the Mycobacterium abscessus model. <i>Vaccine</i> , 2015 , 33, 2118-24	4.1	25
48	Fluoroquinolone Impact on Nasal Methicillin-Resistant and Methicillin-Sensitive Staphylococcus aureus Colonization Durations in Neurologic Long-Term-Care Facilities. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 7621-8	5.9	2
47	Ruminococcus gnavus total hip arthroplasty infection in a 62-year-old man with ulcerative colitis. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 1428-30	9.7	17
46	Mycobacterium abscessus phospholipase C expression is induced during coculture within amoebae and enhances M. abscessus virulence in mice. <i>Infection and Immunity</i> , 2015 , 83, 780-91	3.7	39
45	Comparing Mycobacterium massiliense and Mycobacterium abscessus lung infections in cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2015 , 14, 63-9	4.1	70
44	Interindividual Contacts and Carriage of Methicillin-Resistant Staphylococcus aureus: A Nested Case-Control Study. <i>Infection Control and Hospital Epidemiology</i> , 2015 , 36, 922-9	2	12

43	Revisiting the role of phospholipases C in virulence and the lifecycle of Mycobacterium tuberculosis. <i>Scientific Reports</i> , 2015 , 5, 16918	4.9	30
42	Deciphering and Imaging Pathogenesis and Cording of Mycobacterium abscessus in Zebrafish Embryos. <i>Journal of Visualized Experiments</i> , 2015 ,	1.6	36
41	β-Lactamase inhibition by avibactam in Mycobacterium abscessus. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1051-8	5.1	88
40	In vivo assessment of drug efficacy against Mycobacterium abscessus using the embryonic zebrafish test system. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4054-63	5.9	53
39	Fluoroquinolone use is a risk factor for methicillin-resistant Staphylococcus aureus acquisition in long-term care facilities: a nested case-case-control study. <i>Clinical Infectious Diseases</i> , 2014 , 59, 206-15	11.6	32
38	Mycobacterium tuberculosis evolutionary pathogenesis and its putative impact on drug development. <i>Future Microbiology</i> , 2014 , 9, 969-85	2.9	22
37	Mycobacterium abscessus cording prevents phagocytosis and promotes abscess formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E943-52	11.5	208
36	Structural and functional characterization of an arylamine N-acetyltransferase from the pathogen Mycobacterium abscessus: differences from other mycobacterial isoforms and implications for selective inhibition. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 3066-79		6
35	Quantiferon-TB Gold: performance for ruling out active tuberculosis in HIV-infected adults with high CD4 count in Côte d'Ivoire, West Africa. <i>PLoS ONE</i> , 2014 , 9, e107245	3.7	7
34	Inhaled therapies, azithromycin and Mycobacterium abscessus in cystic fibrosis patients. <i>European Respiratory Journal</i> , 2013 , 41, 1101-6	13.6	30
33	Mycobacterium avium and Mycobacterium abscessus complex target distinct cystic fibrosis patient subpopulations. <i>Journal of Cystic Fibrosis</i> , 2013 , 12, 74-80	4.1	66
32	Genetic analysis of glycopeptide-resistant Staphylococcus epidermidis strains from bone and joint infections. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 1014-9	9.7	11
31	Identification and characterization of the genetic changes responsible for the characteristic smooth-to-rough morphotype alterations of clinically persistent Mycobacterium abscessus. <i>Molecular Microbiology</i> , 2013 , 90, 612-29	4.1	95
30	Robustness of two MALDI-TOF mass spectrometry systems for bacterial identification. <i>Journal of Microbiological Methods</i> , 2012 , 89, 133-6	2.8	71
29	Identifying more epidemic clones during a hospital outbreak of multidrug-resistant Acinetobacter baumannii. <i>PLoS ONE</i> , 2012 , 7, e45758	3.7	8
28	Overexpression of proinflammatory TLR-2-signalling lipoproteins in hypervirulent mycobacterial variants. <i>Cellular Microbiology</i> , 2011 , 13, 692-704	3.9	54
27	The peptidoglycan of Mycobacterium abscessus is predominantly cross-linked by L,D-transpeptidases. <i>Journal of Bacteriology</i> , 2011 , 193, 778-82	3.5	74
26	Conditional gene expression in Mycobacterium abscessus. <i>PLoS ONE</i> , 2011 , 6, e29306	3.7	18

25	Decreased susceptibility to teicoplanin and vancomycin in coagulase-negative Staphylococci isolated from orthopedic-device-associated infections. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 1428-31	9.7	40
24	Acute respiratory failure involving an R variant of Mycobacterium abscessus. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 271-4	9.7	87
23	Temporal dynamics of interferon gamma responses in children evaluated for tuberculosis. <i>PLoS ONE</i> , 2009 , 4, e4130	3.7	36
22	Gardnerella vaginalis acute hip arthritis in a renal transplant recipient. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 264-5	9.7	18
21	Genetic determination of the effect of post-translational modification on the innate immune response to the 19 kDa lipoprotein of Mycobacterium tuberculosis. <i>BMC Microbiology</i> , 2009 , 9, 93	4.5	15
20	Non mycobacterial virulence genes in the genome of the emerging pathogen Mycobacterium abscessus. <i>PLoS ONE</i> , 2009 , 4, e5660	3.7	241
19	Diagnosing latent tuberculosis infection in the HIV era. <i>Open Respiratory Medicine Journal</i> , 2008 , 2, 52-9	1.1	8
18	Intermediate maturation of Mycobacterium tuberculosis LAM-activated human dendritic cells. <i>Cellular Microbiology</i> , 2007 , 9, 1412-25	3.9	31
17	B-cell immune responses in HIV positive and HIV negative patients with tuberculosis evaluated with an ELISA using a glycolipid antigen. <i>Tuberculosis</i> , 2007 , 87, 109-22	2.6	24
16	Dendritic cells and Mycobacterium tuberculosis: which is the Trojan horse?. <i>Pathologie Et Biologie</i> , 2005 , 53, 35-40		22
15	Deciphering the molecular bases of Mycobacterium tuberculosis binding to the lectin DC-SIGN reveals an underestimated complexity. <i>Biochemical Journal</i> , 2005 , 392, 615-24	3.8	86
14	DC-SIGN induction in alveolar macrophages defines privileged target host cells for mycobacteria in patients with tuberculosis. <i>PLoS Medicine</i> , 2005 , 2, e381	11.6	123
13	Use of the INNO-LiPA-MYCOBACTERIA assay (version 2) for identification of Mycobacterium avium-Mycobacterium intracellulare-Mycobacterium scrofulaceum complex isolates. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 2567-74	9.7	38
12	Septic shock caused by Ochrobactrum anthropi in an otherwise healthy host. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 1339-41	9.7	44
11	Constrained intracellular survival of Mycobacterium tuberculosis in human dendritic cells. <i>Journal of Immunology</i> , 2003 , 170, 1939-48	5.3	133
10	The cell surface receptor DC-SIGN discriminates between Mycobacterium species through selective recognition of the mannose caps on lipoarabinomannan. <i>Journal of Biological Chemistry</i> , 2003 , 278, 5513-64	5.4	197
9	DC-SIGN is the major Mycobacterium tuberculosis receptor on human dendritic cells. <i>Journal of Experimental Medicine</i> , 2003 , 197, 121-7	16.6	516
8	The MPB83 antigen from Mycobacterium bovis contains O-linked mannose and (1-->3)-mannobiose moieties. <i>Journal of Biological Chemistry</i> , 2003 , 278, 16423-32	5.4	70

7	Tuberculosis in patients with and without primary health coverage. <i>European Journal of Internal Medicine</i> , 2002 , 13, 180-184	3.9	1
6	Plasmid-mediated rifampin resistance encoded by an arr-2-like gene cassette in <i>Klebsiella pneumoniae</i> producing an ACC-1 class C beta-lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 2971-2	5.9	25
5	Multicenter evaluation of a pathogenic mycobacterium screening probe. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 2687-9	9.7	8
4	Lipoprotein access to MHC class I presentation during infection of murine macrophages with live mycobacteria. <i>Journal of Immunology</i> , 2001 , 166, 447-57	5.3	83
3	Outbreak of <i>Klebsiella pneumoniae</i> producing transferable AmpC-type beta-lactamase (ACC-1) originating from <i>Hafnia alvei</i> . <i>FEMS Microbiology Letters</i> , 2000 , 187, 35-40	2.9	73
2	Analysis of post-translational modification of mycobacterial proteins using a cassette expression system. <i>FEBS Letters</i> , 2000 , 473, 358-62	3.8	45
1	Synergic inhibitory activity of amphotericin-B and gamma interferon against intracellular <i>Cryptococcus neoformans</i> in murine macrophages. <i>Journal of Antimicrobial Chemotherapy</i> , 1994 , 34, 1051-8	5.1	32