

Priv-Dozâ€™Drâ€™Dr Jan Rybniker

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,395
citations

279798

23
h-index

175258

52
g-index

55
all docs

55
docs citations

55
times ranked

6641
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 associated pulmonary aspergillosis. <i>Mycoses</i> , 2020, 63, 528-534.	4.0	434
2	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	27.8	375
3	<i>Mycobacterium tuberculosis</i> Differentially Activates cGAS- and Inflammasome-Dependent Intracellular Immune Responses through ESX-1. <i>Cell Host and Microbe</i> , 2015, 17, 799-810.	11.0	341
4	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , 2020, 53, 1296-1314.e9.	14.3	278
5	Low-Avidity CD4+ T Cell Responses to SARS-CoV-2 in Unexposed Individuals and Humans with Severe COVID-19. <i>Immunity</i> , 2020, 53, 1258-1271.e5.	14.3	255
6	Remdesivir against COVID-19 and Other Viral Diseases. <i>Clinical Microbiology Reviews</i> , 2020, 34, .	13.6	181
7	Tuberculosis drug discovery in the post-genomic era. <i>EMBO Molecular Medicine</i> , 2014, 6, 158-168.	6.9	157
8	Lansoprazole is an antituberculous prodrug targeting cytochrome bc1. <i>Nature Communications</i> , 2015, 6, 7659.	12.8	141
9	Long-lived macrophage reprogramming drives spike protein-mediated inflammasome activation in COVID-19. <i>EMBO Molecular Medicine</i> , 2021, 13, e14150.	6.9	98
10	The Diagnosis and Treatment of Tuberculosis. <i>Deutsches A&#x0308;rztblatt International</i> , 2019, 116, 729-735.	0.9	91
11	Anticytolytic Screen Identifies Inhibitors of Mycobacterial Virulence Protein Secretion. <i>Cell Host and Microbe</i> , 2014, 16, 538-548.	11.0	83
12	Insights into the function of the WhiB-like protein of mycobacteriophage TM4 – a transcriptional inhibitor of WhiB2. <i>Molecular Microbiology</i> , 2010, 77, 642-657.	2.5	80
13	Host range of 14 mycobacteriophages in <i>Mycobacterium ulcerans</i> and seven other mycobacteria including <i>Mycobacterium tuberculosis</i> – application for identification and susceptibility testing. <i>Journal of Medical Microbiology</i> , 2006, 55, 37-42.	1.8	77
14	A comparative analysis of remdesivir and other repurposed antivirals against SARS-CoV-2. <i>EMBO Molecular Medicine</i> , 2021, 13, e13105.	6.9	62
15	RNAemia Corresponds to Disease Severity and Antibody Response in Hospitalized COVID-19 Patients. <i>Viruses</i> , 2020, 12, 1045.	3.3	53
16	Human antibodies targeting a <i>Mycobacterium</i> transporter protein mediate protection against tuberculosis. <i>Nature Communications</i> , 2021, 12, 602.	12.8	48
17	Detailed stratified GWAS analysis for severe COVID-19 in four European populations. <i>Human Molecular Genetics</i> , 2022, 31, 3945-3966.	2.9	46
18	Using observational data to emulate a randomized trial of dynamic treatment-switching strategies: an application to antiretroviral therapy. <i>International Journal of Epidemiology</i> , 2016, 45, 2038-2049.	1.9	43

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19	The cysteine desulfurase IscS of <i>Mycobacterium tuberculosis</i> is involved in iron-sulfur cluster biogenesis and oxidative stress defence. <i>Biochemical Journal</i> , 2014, 459, 467-478.	3.7	41
20	Corticosteroids inhibit <i>Mycobacterium tuberculosis</i> -induced necrotic host cell death by abrogating mitochondrial membrane permeability transition. <i>Nature Communications</i> , 2019, 10, 688.	12.8	40
21	Treatment of visceral leishmaniasis with intravenous pentamidine and oral fluconazole in an HIV-positive patient with chronic renal failure – a case report and brief review of the literature. <i>International Journal of Infectious Diseases</i> , 2010, 14, e522-e525.	3.3	33
22	Pharmacokinetics of remdesivir in a COVID-19 patient with end-stage renal disease on intermittent haemodialysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 825-827.	3.0	33
23	Identification of three cytotoxic early proteins of mycobacteriophage L5 leading to growth inhibition in <i>Mycobacterium smegmatis</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 2304-2314.	1.8	29
24	The Expanding Role of p38 Mitogen-Activated Protein Kinase in Programmed Host Cell Death. <i>Microbiology Insights</i> , 2019, 12, 117863611986459.	2.0	29
25	Pooled RT-qPCR testing for SARS-CoV-2 surveillance in schools - a cluster randomised trial. <i>EClinicalMedicine</i> , 2021, 39, 101082.	7.1	29
26	Prediction of anti-tuberculosis treatment duration based on a 22-gene transcriptomic model. <i>European Respiratory Journal</i> , 2021, 58, 2003492.	6.7	27
27	Viral Glycoproteins Induce NLRP3 Inflammasome Activation and Pyroptosis in Macrophages. <i>Viruses</i> , 2021, 13, 2076.	3.3	22
28	Synthesis of New Cyclomarin Derivatives and Their Biological Evaluation towards <i>Mycobacterium Tuberculosis</i> and <i>Plasmodium Falciparum</i> . <i>Chemistry - A European Journal</i> , 2019, 25, 8894-8902.	3.3	21
29	Detection of SARS-CoV-2 viremia before onset of COVID-19 symptoms in an allo-transplanted patient with acute leukemia. <i>Bone Marrow Transplantation</i> , 2021, 56, 716-719.	2.4	20
30	Novel and revisited approaches in antituberculosis drug discovery. <i>Current Opinion in Biotechnology</i> , 2017, 48, 94-101.	6.6	19
31	Low prevalence of DHFR and DHPS mutations in <i>Pneumocystis jirovecii</i> strains obtained from a German cohort. <i>Infection</i> , 2017, 45, 341-347.	4.7	19
32	Severe disseminated tuberculosis in HIV-negative refugees. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e352-e359.	9.1	19
33	Leptin signaling impairs macrophage defenses against <i>Salmonella Typhimurium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16551-16560.	7.1	17
34	The cytotoxic early protein 77 of mycobacteriophage L5 interacts with MSMEG_3532, an L-serine dehydratase of <i>Mycobacterium smegmatis</i> . <i>Journal of Basic Microbiology</i> , 2011, 51, 515-522.	3.3	15
35	Diagnostic challenges in infective endocarditis: is PET/CT the solution?. <i>Infection</i> , 2019, 47, 579-587.	4.7	15
36	Extremely Low Hit Rate in a Diverse Chemical Drug Screen Targeting <i>Mycobacterium abscessus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	14

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37	Effective high-throughput RT-qPCR screening for SARS-CoV-2 infections in children. <i>Nature Communications</i> , 2022, 13, .	12.8	14
38	Mould-reactive T cells for the diagnosis of invasive mould infection – A prospective study. <i>Mycoses</i> , 2019, 62, 562-569.	4.0	12
39	Postoperative granulomatous peritonitis mimicking abdominal tuberculosis. <i>Clinical Case Reports (discontinued)</i> , 2018, 6, 1810-1814.	0.5	8
40	Gasdermin D mediates host cell death but not interleukin-1 β secretion in <i>Mycobacterium tuberculosis</i> -infected macrophages. <i>Cell Death Discovery</i> , 2021, 7, 327.	4.7	8
41	Chemical p38 MAP kinase inhibition constrains tissue inflammation and improves antibiotic activity in <i>Mycobacterium tuberculosis</i> -infected mice. <i>Scientific Reports</i> , 2020, 10, 13629.	3.3	7
42	Importance of precise data on SARS-CoV-2 transmission dynamics control. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 877-879.	9.1	7
43	Spleen tyrosine kinase mediates innate and adaptive immune crosstalk in SARS-CoV-2 mRNA vaccination. <i>EMBO Molecular Medicine</i> , 2022, 14, .	6.9	7
44	HBsAg-negative/anti-HBc-positive patients treated with rituximab: prophylaxis or monitoring to prevent hepatitis B reactivation?. <i>Infection</i> , 2019, 47, 293-300.	4.7	6
45	Intensified adjunctive corticosteroid therapy for CNS tuberculomas. <i>Infection</i> , 2020, 48, 289-293.	4.7	6
46	Comprehensive Host Cell-Based Screening Assays for Identification of Anti-Virulence Drugs Targeting <i>Pseudomonas aeruginosa</i> and <i>Salmonella Typhimurium</i> . <i>Microorganisms</i> , 2020, 8, 1096.	3.6	6
47	Host-Directed Therapies and Anti-Virulence Compounds to Address Anti-Microbial Resistant Tuberculosis Infection. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2688.	2.5	6
48	Familial acquired thrombotic thrombocytopenic purpura in siblings – no immunogenetic link with associated human leucocyte antigens. <i>European Journal of Haematology</i> , 2017, 98, 311-313.	2.2	4
49	Plasma interferon- β -inducible protein 10 (IP-10) levels correlate with disease severity and paradoxical reactions in extrapulmonary tuberculosis. <i>Infection</i> , 2021, 49, 437-445.	4.7	4
50	Contrast-Enhanced Ultrasound for the Detection of Abdominal Complications in Infective Endocarditis: First Experience From a Prospective Cohort. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 2965-2971.	1.5	4
51	Short Communication: Tracking Tregs: Translocation of CD49b/LAG-3 ⁺ Type 1 T Regulatory Cells to the Gut-Associated Lymphoid Tissue of HIV ⁺ Patients. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 247-250.	1.1	3
52	Case Report: Clinical Management of a Patient With Metastatic Non-Small Cell Lung Cancer Newly Receiving Immune Checkpoint Inhibition During Symptomatic COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 798276.	4.8	3
53	Implementing the Lolli-Method and pooled RT-qPCR testing for SARS-CoV-2 surveillance in schools: a pilot project. <i>Infection</i> , 0, , .	4.7	3
54	Providing care in isolation while awaiting SARS-CoV-2 test results. <i>Medicine (United States)</i> , 2021, 100, e26720.	1.0	0