

Onya Opota

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

5,680
citations

257450

24
h-index

144013

57
g-index

76
all docs

76
docs citations

76
times ranked

13573
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Blood culture-based diagnosis of bacteraemia: state of the art. <i>Clinical Microbiology and Infection</i> , 2015, 21, 313-322.	6.0	308
3	Genetic evidence for a protective role of the peritrophic matrix against intestinal bacterial infection in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15966-15971.	7.1	275
4	Microbial diagnosis of bloodstream infection: towards molecular diagnosis directly from blood. <i>Clinical Microbiology and Infection</i> , 2015, 21, 323-331.	6.0	183
5	Diagnostic strategies for SARS-CoV-2 infection and interpretation of microbiological results. <i>Clinical Microbiology and Infection</i> , 2020, 26, 1178-1182.	6.0	138
6	Viral load of SARS-CoV-2 across patients and compared to other respiratory viruses. <i>Microbes and Infection</i> , 2020, 22, 617-621.	1.9	135
7	A cluster of multidrug-resistant <i>Mycobacterium tuberculosis</i> among patients arriving in Europe from the Horn of Africa: a molecular epidemiological study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 431-440.	9.1	121
8	Monalysin, a Novel α -Pore-Forming Toxin from the <i>Drosophila</i> Pathogen <i>Pseudomonas entomophila</i> , Contributes to Host Intestinal Damage and Lethality. <i>PLoS Pathogens</i> , 2011, 7, e1002259.	4.7	101
9	Diagnosis of <i>Aerococcus urinae</i> infections: Importance of matrix-assisted laser desorption ionization time-of-flight mass spectrometry and broad-range 16S rDNA PCR. <i>Clinical Microbiology and Infection</i> , 2016, 22, e1-e2.	6.0	84
10	How to: identify non-tuberculous <i>Mycobacterium</i> species using MALDI-TOF mass spectrometry. <i>Clinical Microbiology and Infection</i> , 2018, 24, 599-603.	6.0	83
11	The rapid molecular test Xpert MTB/RIF ultra: towards improved tuberculosis diagnosis and rifampicin resistance detection. <i>Clinical Microbiology and Infection</i> , 2019, 25, 1370-1376.	6.0	75
12	A secondary metabolite acting as a signalling molecule controls <i>Pseudomonas entomophila</i> virulence. <i>Cellular Microbiology</i> , 2010, 12, 1666-1679.	2.1	59
13	Nanomechanical sensor applied to blood culture pellets: a fast approach to determine the antibiotic susceptibility against agents of bloodstream infections. <i>Clinical Microbiology and Infection</i> , 2017, 23, 400-405.	6.0	54
14	Added Value of Xpert MTB/RIF Ultra for Diagnosis of Pulmonary Tuberculosis in a Low-Prevalence Setting. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	53
15	Implementing SARS-CoV-2 Rapid Antigen Testing in the Emergency Ward of a Swiss University Hospital: The INCREASE Study. <i>Microorganisms</i> , 2021, 9, 798.	3.6	51
16	Identification and characterization of the receptor for the <i>Bacillus sphaericus</i> binary toxin in the malaria vector mosquito, <i>Anopheles gambiae</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 149, 419-427.	1.6	48
17	<i>Bacillus sphaericus</i> Binary Toxin Elicits Host Cell Autophagy as a Response to Intoxication. <i>PLoS ONE</i> , 2011, 6, e14682.	2.5	47
18	Comparison of SARS-CoV-2 RT-PCR on a high-throughput molecular diagnostic platform and the cobas SARS-CoV-2 test for the diagnostic of COVID-19 on various clinical samples. <i>Pathogens and Disease</i> , 2020, 78, .	2.0	45

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19	Added value of molecular assay Xpert MTB/RIF compared to sputum smear microscopy to assess the risk of tuberculosis transmission in a low-prevalence country. <i>Clinical Microbiology and Infection</i> , 2016, 22, 613-619.	6.0	41
20	Bacteremia Caused by <i>Comamonaskerstersii</i> in a Patient with Diverticulosis. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1009-1012.	3.9	39
21	Genome of the carbapenemase-producing clinical isolate <i>Elizabethkingia miricola</i> EM_CHUV and comparative genomics with <i>Elizabethkingia meningoseptica</i> and <i>Elizabethkingia anophelis</i> : evidence for intrinsic multidrug resistance trait of emerging pathogens. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 93-97.	2.5	34
22	Post-COVID-19 Syndrome in Outpatients: a Cohort Study. <i>Journal of General Internal Medicine</i> , 2022, 37, 1943-1952.	2.6	34
23	X-ray and Cryo-electron Microscopy Structures of Monolysin Pore-forming Toxin Reveal Multimerization of the Pro-form. <i>Journal of Biological Chemistry</i> , 2015, 290, 13191-13201.	3.4	33
24	SARS-CoV-2 N501Y Introductions and Transmissions in Switzerland from Beginning of October 2020 to February 2021-Implementation of Swiss-Wide Diagnostic Screening and Whole Genome Sequencing. <i>Microorganisms</i> , 2021, 9, 677.	3.6	32
25	Improving the molecular diagnosis of <i>Chlamydia psittaci</i> and <i>Chlamydia abortus</i> infection with a species-specific duplex real-time PCR. <i>Journal of Medical Microbiology</i> , 2015, 64, 1174-1185.	1.8	27
26	Sensitivity of Rapid Antigen Testing and RT-PCR Performed on Nasopharyngeal Swabs versus Saliva Samples in COVID-19 Hospitalized Patients: Results of a Prospective Comparative Trial (RESTART). <i>Microorganisms</i> , 2021, 9, 1910.	3.6	25
27	Genomics of the new species <i>Kingella negevensis</i> : diagnostic issues and identification of a locus encoding a RTX toxin. <i>Microbes and Infection</i> , 2017, 19, 546-552.	1.9	24
28	Size and duration of COVID-19 clusters go along with a high SARS-CoV-2 viral load: A spatio-temporal investigation in Vaud state, Switzerland. <i>Science of the Total Environment</i> , 2021, 787, 147483.	8.0	24
29	<i>Pseudomonas entomophila</i> : A Versatile Bacterium with Entomopathogenic Properties. , 2015, , 25-49.		22
30	Whole-genome sequencing for rapid, reliable and routine investigation of <i>Mycobacterium tuberculosis</i> transmission in local communities. <i>New Microbes and New Infections</i> , 2019, 31, 100582.	1.6	21
31	Detection of respiratory bacterial pathogens causing atypical pneumonia by multiplex Lightmix [®] RT-PCR. <i>International Journal of Medical Microbiology</i> , 2018, 308, 317-323.	3.6	20
32	Universal admission screening strategy for COVID-19 highlighted the clinical importance of reporting SARS-CoV-2 viral loads. <i>New Microbes and New Infections</i> , 2020, 38, 100820.	1.6	20
33	The dark side of SARS-CoV-2 rapid antigen testing: screening asymptomatic patients. <i>New Microbes and New Infections</i> , 2021, 42, 100899.	1.6	18
34	Performance of RT-PCR on Saliva Specimens Compared With Nasopharyngeal Swabs for the Detection of SARS-CoV-2 in Children. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, e300-e304.	2.0	18
35	<i>Cryptococcus neoformans</i> meningitis with negative cryptococcal antigen: Evaluation of a new immunochromatographic detection assay. <i>New Microbes and New Infections</i> , 2015, 4, 1-4.	1.6	13
36	Visceral leishmaniasis in a lung transplant recipient: usefulness of highly sensitive real-time polymerase chain reaction for preemptive diagnosis. <i>Transplant Infectious Disease</i> , 2016, 18, 801-804.	1.7	13

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37	Added diagnostic value of 16S rRNA gene pan-mycobacterial PCR for nontuberculous mycobacterial infections: a 10-year retrospective study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1873-1881.	2.9	13
38	External Quality Assessment of SARS-CoV-2 Sequencing: an ESGMD-SSM Pilot Trial across 15 European Laboratories. <i>Journal of Clinical Microbiology</i> , 2022, 60, JCM0169821.	3.9	13
39	Methods for Real-Time PCR-Based Diagnosis of <i>Chlamydia pneumoniae</i> , <i>Chlamydia psittaci</i> , and <i>Chlamydia abortus</i> Infections in an Opened Molecular Diagnostic Platform. <i>Methods in Molecular Biology</i> , 2017, 1616, 171-181.	0.9	12
40	Interseasonal RSV infections in Switzerland – rapid establishment of a clinician-led national reporting system (RSV EpiCH). <i>Swiss Medical Weekly</i> , 2021, 151, w30057.	1.6	12
41	Compassionate Use of Letemovir in a 2-Year-Old Immunocompromised Child With Resistant Cytomegalovirus Disease. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 96-99.	1.3	10
42	NGS-Based <i>S. aureus</i> Typing and Outbreak Analysis in Clinical Microbiology Laboratories: Lessons Learned From a Swiss-Wide Proficiency Test. <i>Frontiers in Microbiology</i> , 2020, 11, 591093.	3.5	9
43	Impact of different SARS-CoV-2 assays on laboratory turnaround time. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	8
44	Crystallization and preliminary X-ray analysis of monalysin, a novel β -pore-forming toxin from the entomopathogen <i>Pseudomonas entomophila</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 930-933.	0.7	7
45	Utility of Polymerase Chain Reaction in Nasopharyngeal Swabs for Identifying Respiratory Bacteria Causing Community-Acquired Pneumonia. <i>Microbiology Spectrum</i> , 2022, 10, e0037922.	3.0	7
46	A refractory tenosynovitis of the wrist: a case report. <i>Journal of Medical Case Reports</i> , 2022, 16, 75.	0.8	6
47	Multicenter Technical Validation of 30 Rapid Antigen Tests for the Detection of SARS-CoV-2 (VALIDATE). <i>Microorganisms</i> , 2021, 9, 2589.	3.6	6
48	Improvement in Tuberculosis Outcomes With a Combined Medical and Social Approach. <i>Frontiers in Medicine</i> , 2019, 6, 135.	2.6	5
49	CAPNOCYTOPHAGA CANIMORSUS ENDOPHTHALMITIS AFTER CATARACT SURGERY LINKED TO SALIVARY DOG-TO-HUMAN TRANSMISSION. <i>Retinal Cases and Brief Reports</i> , 2020, 14, 183-186.	0.6	5
50	Genome sequencing of <i>Mycobacterium tuberculosis</i> clinical isolates revealed isoniazid resistance mechanisms undetected by conventional molecular methods. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106068.	2.5	5
51	Mentor-mentee relationship in clinical microbiology. <i>Clinical Microbiology and Infection</i> , 2017, 23, 448-453.	6.0	4
52	No evidence of SARS-CoV-2 circulation before identification of the first Swiss SARS-CoV-2 case. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106100.	2.5	4
53	Immunosuppressed gardener pricked by roses grows <i>Legionella longbeachae</i> . <i>Lancet, The</i> , 2020, 395, 604.	13.7	4
54	An Automated Dashboard to Improve Laboratory COVID-19 Diagnostics Management. <i>Frontiers in Digital Health</i> , 2021, 3, 773986.	2.8	4

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55	Computer-Aided Medical Microbiology Monitoring Tool: A Strategy to Adapt to the SARS-CoV-2 Epidemic and That Highlights RT-PCR Consistency. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 594577.	3.9	3
56	Editorial: Tuberculosis and Non-tuberculous Mycobacteria Infections: Control, Diagnosis and Treatment. <i>Frontiers in Public Health</i> , 2021, 9, 666187.	2.7	2
57	Progressive multifocal leukoencephalopathy responsive to withdrawal of imatinib in a patient with FIP1L1-PDGFR α positive myeloid neoplasm. <i>Leukemia and Lymphoma</i> , 2020, 61, 2226-2229.	1.3	1
58	P223 Tuberculosis. Medico-social approach in canton of Vaud, Switzerland. <i>Chest</i> , 2017, 151, A122.	0.8	0
59	Post-COVID-19 Syndrome in Outpatients: A Cohort Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0