

Oliver Bader

List of Publications by Year in descending order

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81
papers

4,441
citations

136950

32
h-index

110387

64
g-index

88
all docs

88
docs citations

88
times ranked

5331
citing authors

#	ARTICLE	IF	CITATIONS
1	Candidalysin is a fungal peptide toxin critical for mucosal infection. <i>Nature</i> , 2016, 532, 64-68.	27.8	628
2	<i>Candida albicans</i> proteinases and host/pathogen interactions. <i>Cellular Microbiology</i> , 2004, 6, 915-926.	2.1	288
3	Gain of Function Mutations in CgPDR1 of <i>Candida glabrata</i> Not Only Mediate Antifungal Resistance but Also Enhance Virulence. <i>PLoS Pathogens</i> , 2009, 5, e1000268.	4.7	248
4	Adhesins in Human Fungal Pathogens: Glue with Plenty of Stick. <i>Eukaryotic Cell</i> , 2013, 12, 470-481.	3.4	246
5	The Cell Wall of the Human Pathogen <i>Candida glabrata</i> : Differential Incorporation of Novel Adhesin-Like Wall Proteins. <i>Eukaryotic Cell</i> , 2008, 7, 1951-1964.	3.4	199
6	Improved clinical laboratory identification of human pathogenic yeasts by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>Clinical Microbiology and Infection</i> , 2011, 17, 1359-1365.	6.0	194
7	A Clinical Isolate of <i>Candida albicans</i> with Mutations in <i>ERG11</i> (Encoding Sterol Tj ETQq1 1 0.784314 rgBT /Overlock 107) Amphotericin B. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3578-3583.	3.2	152
8	Identification and Characterization of Four Azole-Resistant <i>erg3</i> Mutants of <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4527-4533.	3.2	150
9	MALDI-TOF-MS-based species identification and typing approaches in medical mycology. <i>Proteomics</i> , 2013, 13, 788-799.	2.2	127
10	<i>cyp51A</i> -Based Mechanisms of <i>Aspergillus fumigatus</i> Azole Drug Resistance Present in Clinical Samples from Germany. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3513-3517.	3.2	117
11	Patterns of Genomic Variation in the Opportunistic Pathogen <i>Candida glabrata</i> Suggest the Existence of Mating and a Secondary Association with Humans. <i>Current Biology</i> , 2018, 28, 15-27.e7.	3.9	114
12	Facultative Sterol Uptake in an Ergosterol-Deficient Clinical Isolate of <i>Candida glabrata</i> Harboring a Missense Mutation in <i>ERG11</i> and Exhibiting Cross-Resistance to Azoles and Amphotericin B. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4223-4232.	3.2	90
13	Rapid Discrimination of <i>Salmonella enterica</i> Serovar Typhi from Other Serovars by MALDI-TOF Mass Spectrometry. <i>PLoS ONE</i> , 2012, 7, e40004.	2.5	87
14	Environmental Isolates of Azole-Resistant <i>Aspergillus fumigatus</i> in Germany. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4356-4359.	3.2	87
15	Molecular Tools for the Detection and Deduction of Azole Antifungal Drug Resistance Phenotypes in <i>Aspergillus</i> Species. <i>Clinical Microbiology Reviews</i> , 2017, 30, 1065-1091.	13.6	86
16	Remote near infrared identification of pathogens with multiplexed nanosensors. <i>Nature Communications</i> , 2020, 11, 5995.	12.8	81
17	CandidaDB: a genome database for <i>Candida albicans</i> pathogenomics. <i>Nucleic Acids Research</i> , 2004, 33, D353-D357.	14.5	79
18	Ruxolitinib Induces Interleukin 17 and Ameliorates Chronic Mucocutaneous Candidiasis Caused by STAT1 Gain-of-Function Mutation. <i>Clinical Infectious Diseases</i> , 2016, 62, 951.2-953.	5.8	73

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19	Processing of <i>Candida albicans</i> Ece1p Is Critical for Candidalysin Maturation and Fungal Virulence. <i>MBio</i> , 2018, 9, .	4.1	72
20	Epidemiology of invasive aspergillosis and azole resistance in patients with acute leukaemia: the SEPIA Study. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 218-223.	2.5	71
21	Processing of predicted substrates of fungal Kex2 proteinases from <i>Candida albicans</i> , <i>C. glabrata</i> , <i>Saccharomyces cerevisiae</i> and <i>Pichia pastoris</i> . <i>BMC Microbiology</i> , 2008, 8, 116.	3.3	66
22	Two Clinical Isolates of <i>Candida glabrata</i> Exhibiting Reduced Sensitivity to Amphotericin B Both Harbor Mutations in <i>ERG2</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 6417-6421.	3.2	62
23	Variation Among Biosynthetic Gene Clusters, Secondary Metabolite Profiles, and Cards of Virulence Across <i>Aspergillus</i> Species. <i>Genetics</i> , 2020, 216, 481-497.	2.9	50
24	Discrimination of multilocus sequence typing-based <i>Campylobacter jejuni</i> subgroups by MALDI-TOF mass spectrometry. <i>BMC Microbiology</i> , 2013, 13, 247.	3.3	49
25	One Small Step for a Yeast - Microevolution within Macrophages Renders <i>Candida glabrata</i> Hypervirulent Due to a Single Point Mutation. <i>PLoS Pathogens</i> , 2014, 10, e1004478.	4.7	49
26	High Oral Carriage of Non- <i>albicans</i> <i>Candida</i> spp. among HIV-infected individuals. <i>International Journal of Infectious Diseases</i> , 2016, 49, 185-188.	3.3	47
27	The KEX2 gene of <i>Candida glabrata</i> is required for cell surface integrity. <i>Molecular Microbiology</i> , 2001, 41, 1431-1444.	2.5	45
28	Mass Spectrometry-based PhyloProteomics (MSPP): A novel microbial typing Method. <i>Scientific Reports</i> , 2015, 5, 13431.	3.3	42
29	Genome Comparisons of <i>Candida glabrata</i> Serial Clinical Isolates Reveal Patterns of Genetic Variation in Infecting Clonal Populations. <i>Frontiers in Microbiology</i> , 2019, 10, 112.	3.5	40
30	Oral candidiasis among African human immunodeficiency virus-infected individuals: 10 years of systematic review and meta-analysis from sub-Saharan Africa. <i>Journal of Oral Microbiology</i> , 2017, 9, 1317579.	2.7	37
31	Human Coronavirus NL63 Open Reading Frame 3 encodes a virion-incorporated N-glycosylated membrane protein. <i>Virology Journal</i> , 2010, 7, 6.	3.4	35
32	The <i>Candida albicans</i> cell wall protein Rhd3/Pga29 is abundant in the yeast form and contributes to virulence. <i>Yeast</i> , 2010, 27, 611-624.	1.7	34
33	Fungal Species Identification by MALDI-ToF Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1508, 323-337.	0.9	34
34	Prevalence of pregnancy-relevant infections in a rural setting of Ghana. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 172.	2.4	33
35	Proteomic analysis of hyperadhesive <i>Candida glabrata</i> clinical isolates reveals a core wall proteome and differential incorporation of adhesins. <i>FEMS Yeast Research</i> , 2015, 15, fov098.	2.3	32
36	Prevalence of azole-resistant <i>Aspergillus fumigatus</i> in the environment of Thailand. <i>Medical Mycology</i> , 2016, 55, myw090.	0.7	32

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37	Glycosylation of <i>Candida albicans</i> Cell Wall Proteins Is Critical for Induction of Innate Immune Responses and Apoptosis of Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e50518.	2.5	29
38	Gross Karyotypic and Phenotypic Alterations among Different Progenies of the <i>Candida glabrata</i> CBS138/ATCC2001 Reference Strain. <i>PLoS ONE</i> , 2012, 7, e52218.	2.5	29
39	Proteotyping as alternate typing method to differentiate <i>Campylobacter coli</i> clades. <i>Scientific Reports</i> , 2019, 9, 4244.	3.3	29
40	SMRT sequencing of the <i>Campylobacter coli</i> BfR-CA-9557 genome sequence reveals unique methylation motifs. <i>BMC Genomics</i> , 2015, 16, 1088.	2.8	26
41	Oral findings and dental behaviour before and after liver transplantation – a single-centre cross-sectional study. <i>International Dental Journal</i> , 2017, 67, 244-251.	2.6	25
42	<i>Aspergillus oerlinghausenensis</i> , a new mould species closely related to <i>A. fumigatus</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fnv236.	1.8	23
43	<i>Aspergillus fumigatus</i> carrying TR34/L98H resistance allele causing complicated suppurative otitis media in Tanzania: Call for improved diagnosis of fungi in sub-Saharan Africa. <i>BMC Infectious Diseases</i> , 2016, 16, 464.	2.9	22
44	Molecular types of <i>Cryptococcus gattii</i> / <i>Cryptococcus neoformans</i> species complex from clinical and environmental sources in Nairobi, Kenya. <i>Mycoses</i> , 2015, 58, 665-670.	4.0	21
45	Comparison of Two Molecular Assays for Detection and Characterization of <i>Aspergillus fumigatus</i> Triazole Resistance and Cyp51A Mutations in Clinical Isolates and Primary Clinical Samples of Immunocompromised Patients. <i>Frontiers in Microbiology</i> , 2018, 9, 555.	3.5	21
46	Rapid and Sensitive Detection of Azole-Resistant <i>Aspergillus fumigatus</i> by Tandem Repeat Loop-Mediated Isothermal Amplification. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 286-295.	2.8	20
47	Epidemiology and Prevalence of Oral Candidiasis in HIV Patients From Chad in the Post-HAART Era. <i>Frontiers in Microbiology</i> , 2022, 13, 844069.	3.5	20
48	Diagnosing SARS-CoV-2 with Antigen Testing, Transcription-Mediated Amplification and Real-Time PCR. <i>Journal of Clinical Medicine</i> , 2021, 10, 2404.	2.4	19
49	Identification of <i>Stachybotrys</i> spp. by MALDI-TOF mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7565-7581.	3.7	17
50	A 32-Year-Old Man With Ulcerative Mucositis, Skin Lesions, and Nail Dystrophy. <i>Clinical Infectious Diseases</i> , 2012, 54, 1035-1036.	5.8	14
51	Molecular Typing of <i>Candida glabrata</i> . <i>Mycopathologia</i> , 2020, 185, 755-764.	3.1	14
52	Kex2 protease converts the endoplasmic reticulum α 1,2-mannosidase of <i>Candida albicans</i> into a soluble cytosolic form. <i>Microbiology (United Kingdom)</i> , 2008, 154, 3782-3794.	1.8	14
53	Yeast On-Target Lysis (YOTL), a Procedure for Making Auxiliary Mass Spectrum Data Sets for Clinical Routine Identification of Yeasts. <i>Journal of Clinical Microbiology</i> , 2014, 52, 4163-4167.	3.9	13
54	Identification of a distinct subset of disease-associated gain-of-function missense mutations in the STAT1 coiled-coil domain as system mutants. <i>Molecular Immunology</i> , 2019, 114, 30-40.	2.2	13

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55	Comparative evaluation of different gradient diffusion tests for detection of azole resistance in <i>Aspergillus fumigatus</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 91, 52-54.	1.8	12
56	The Reduction in Antibiotic Use in Hospitals. <i>Deutsches Arzteblatt International</i> , 2015, 112, 714-21.	0.9	12
57	A 32-Year-Old Man With Ulcerative Mucositis, Skin Lesions, and Nail Dystrophy. <i>Clinical Infectious Diseases</i> , 2012, 54, 972-972.	5.8	11
58	Subtyping of <i>Campylobacter jejuni</i> ssp. <i>doylei</i> Isolates Using Mass Spectrometry-based PhyloProteomics (MSPP). <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	11
59	Virulence and susceptibility patterns of clinical <i>Candida</i> spp. isolates from a tertiary hospital, Tanzania. <i>Medical Mycology</i> , 2019, 57, 566-572.	0.7	11
60	Mass Spectrometry-Based Proteomic and Immunoproteomic Analyses of the <i>Candida albicans</i> Hyphal Secretome Reveal Diagnostic Biomarker Candidates for Invasive Candidiasis. <i>Journal of Fungi (Basel)</i> , 2020, 6, 10.	0.8	10
61	Prevalence and Antifungal Susceptibility of <i>Cryptococcus neoformans</i> Isolated from Pigeon Excreta in Chon Buri Province, Eastern Thailand. <i>Medical Mycology Journal</i> , 2013, 54, 303-307.	1.4	10
62	Diversity and Antifungal Drug Susceptibility of <i>Cryptococcus</i> Isolates in Thailand: Table 1.. <i>Medical Mycology</i> , 2016, 55, myw130.	0.7	10
63	Progressive Dispersion of Azole Resistance in <i>Aspergillus fumigatus</i> : Fatal Invasive Aspergillosis in a Patient with Acute Myeloid Leukemia Infected with an <i>A. fumigatus</i> Strain with a <i>cyp51A</i> TR₄₆ Y121F M172I T289A Allele. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	10
64	Phenotypic Variability in a Coinfection With Three Independent <i>Candida parapsilosis</i> Lineages. <i>Frontiers in Microbiology</i> , 2020, 11, 1994.	3.5	10
65	Bloodstream Infections Caused by <i>Magnusiomyces capitatus</i> and <i>Magnusiomyces clavatus</i> : Epidemiological, Clinical, and Microbiological Features of Two Emerging Yeast Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0183421.	3.2	10
66	Proteotyping of <i>Clostridioides difficile</i> as Alternate Typing Method to Ribotyping Is Able to Distinguish the Ribotypes RT027 and RT176 From Other Ribotypes. <i>Frontiers in Microbiology</i> , 2019, 10, 2087.	3.5	9
67	<i>Candida parapsilosis</i> Colony Morphotype Forecasts Biofilm Formation of Clinical Isolates. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 33.	3.5	9
68	Towards proteomic species barcoding of fungi – An example using <i>Scedosporium/Pseudallescheria</i> complex isolates. <i>Fungal Biology</i> , 2016, 120, 162-165.	2.5	8
69	Differentiation of <i>Campylobacter fetus</i> subspecies by proteotyping. <i>European Journal of Microbiology and Immunology</i> , 2019, 9, 62-71.	2.8	8
70	High Biofilm Formation of Non-Smooth <i>Candida parapsilosis</i> Correlates with Increased Incorporation of GPI-Modified Wall Adhesins. <i>Pathogens</i> , 2021, 10, 493.	2.8	7
71	Soybean Toxin (SBTX) Impairs Fungal Growth by Interfering with Molecular Transport, Carbohydrate/Amino Acid Metabolism and Drug/Stress Responses. <i>PLoS ONE</i> , 2013, 8, e70425.	2.5	6
72	High diversity of <i>Candida glabrata</i> in a tertiary hospital – Mwanza, Tanzania. <i>Medical Mycology</i> , 2019, 57, 914-917.	0.7	6

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73	Rapid direct detection of pathogens for diagnosis of joint infections by MALDI-TOF MS after liquid enrichment in the BacT/Alert blood culture system. PLoS ONE, 2020, 15, e0243790.	2.5	6
74	CryptoType – Public Datasets for MALDI-TOF-MS Based Differentiation of Cryptococcus neoformans/gattii Complexes. Frontiers in Cellular and Infection Microbiology, 2021, 11, 634382.	3.9	4
75	Looking into the virulence of <i>Candida parapsilosis</i> . Virulence, 2014, 5, 457-459.	4.4	3
76	Disseminated cryptococcosis in a HIV-negative patient: Case report of a newly diagnosed hypertensive adult presenting with hemiparesis. Medical Mycology Case Reports, 2018, 22, 4-7.	1.3	2
77	Characterization of Awp14, A Novel Cluster III Adhesin Identified in a High Biofilm-Forming <i>Candida glabrata</i> Isolate. Frontiers in Cellular and Infection Microbiology, 2021, 11, 790465.	3.9	2
78	Phylogenetic Distribution of csp1 Types in <i>Aspergillus fumigatus</i> and Their Correlates to Azole Antifungal Drug Resistance. Microbiology Spectrum, 2021, , e0121421.	3.0	1
79	Host Age and Denture Wearing Jointly Contribute to Oral Colonization with Intrinsically Azole-Resistant Yeasts in the Elderly. Microorganisms, 2021, 9, 1627.	3.6	0
80	Genome and Methylome analysis of a phylogenetic novel <i>Campylobacter coli</i> cluster with <i>C. jejuni</i> introgression. Microbial Genomics, 2021, 7, .	2.0	0
81	Whole Genome Sequencing of Azole-Resistant <i>Aspergillus Fumigatus</i> Strains from Hematopoietic Stem Cell Recipients Identifies Candidate Molecular Targets Potentially Implicated in Novel Resistance Mediating Mechanisms - First Results. Blood, 2015, 126, 4325-4325.	1.4	0