

# Philip Butcher

## List of Publications by Year in descending order

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78  
papers

6,911  
citations

117453

34  
h-index

71532

76  
g-index

78  
all docs

78  
docs citations

78  
times ranked

7570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug resistant TB: UK multicentre study (DRUMS): Treatment, management and outcomes in London and West Midlands 2008–2014. <i>Journal of Infection</i> , 2017, 74, 260-271.	1.7	15
2	Whole-genome sequencing illuminates the evolution and spread of multidrug-resistant tuberculosis in Southwest Nigeria. <i>PLoS ONE</i> , 2017, 12, e0184510.	1.1	27
3	XDR-TB transmission in London: Case management and contact tracing investigation assisted by early whole genome sequencing. <i>Journal of Infection</i> , 2016, 73, 210-218.	1.7	28
4	Accurate detection of <i>Neisseria gonorrhoeae</i> ciprofloxacin susceptibility directly from genital and extragenital clinical samples: towards genotype-guided antimicrobial therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 897-902.	1.3	41
5	Clinical Application of Whole-Genome Sequencing To Inform Treatment for Multidrug-Resistant Tuberculosis Cases. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1473-1483.	1.8	89
6	Performance evaluation of automated urine microscopy as a rapid, non-invasive approach for the diagnosis of non-gonococcal urethritis. <i>Sexually Transmitted Infections</i> , 2015, 91, 165-170.	0.8	12
7	Oleoyl Coenzyme A Regulates Interaction of Transcriptional Regulator RaaS (Rv1219c) with DNA in Mycobacteria. <i>Journal of Biological Chemistry</i> , 2014, 289, 25241-25249.	1.6	8
8	High Prevalence of Antibiotic-Resistant <i>Mycoplasma genitalium</i> in Nongonococcal Urethritis: The Need for Routine Testing and the Inadequacy of Current Treatment Options. <i>Clinical Infectious Diseases</i> , 2014, 58, 631-637.	2.9	142
9	Antimicrobial Treatment Improves Mycobacterial Survival in Nonpermissive Growth Conditions. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2798-2806.	1.4	11
10	Genome sequencing and characterization of an extensively drug-resistant sequence type 111 serotype O12 hospital outbreak strain of <i>Pseudomonas aeruginosa</i> . <i>Clinical Microbiology and Infection</i> , 2014, 20, O609-O618.	2.8	57
11	High-Dose Rifapentine with Moxifloxacin for Pulmonary Tuberculosis. <i>New England Journal of Medicine</i> , 2014, 371, 1599-1608.	13.9	383
12	Evidence for a Role for Interleukin-17, Th17 Cells and Iron Homeostasis in Protective Immunity against Tuberculosis in <i>Cynomolgus</i> Macaques. <i>PLoS ONE</i> , 2014, 9, e88149.	1.1	40
13	BAG@Sbase—a microbial gene expression and comparative genomic database. <i>Nucleic Acids Research</i> , 2012, 40, D605-D609.	6.5	3
14	Characterisation of Bovine Leukocyte Ig-like Receptors. <i>PLoS ONE</i> , 2012, 7, e34291.	1.1	22
15	Mycobacterial P1-Type ATPases Mediate Resistance to Zinc Poisoning in Human Macrophages. <i>Cell Host and Microbe</i> , 2011, 10, 248-259.	5.1	304
16	Methionine Sulfoximine Resistance in <i>Mycobacterium tuberculosis</i> Is Due to a Single Nucleotide Deletion Resulting in Increased Expression of the Major Glutamine Synthetase, GlnA1. <i>Microbial Drug Resistance</i> , 2011, 17, 351-355.	0.9	10
17	Prevalence and clinical correlations of genetic subtypes of <i>Giardia lamblia</i> in an urban setting. <i>Epidemiology and Infection</i> , 2010, 138, 1459-1467.	1.0	45
18	Contrasting Transcriptional Responses of a Virulent and an Attenuated Strain of <i>Mycobacterium tuberculosis</i> Infecting Macrophages. <i>PLoS ONE</i> , 2010, 5, e11066.	1.1	42

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19	Point-of-care antibiotic susceptibility testing for gonorrhoea: improving therapeutic options and sparing the use of cephalosporins. <i>Sexually Transmitted Infections</i> , 2010, 86, 445-446.	0.8	20
20	Examining the basis of isoniazid tolerance in nonreplicating <i>Mycobacterium tuberculosis</i> using transcriptional profiling. <i>Future Medicinal Chemistry</i> , 2010, 2, 1371-1383.	1.1	29
21	Variation in <i>Salmonella enterica</i> Serovar Typhi IncHI1 Plasmids during the Global Spread of Resistant Typhoid Fever. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 716-727.	1.4	81
22	Benzothiazinones Kill <i>Mycobacterium tuberculosis</i> by Blocking Arabinan Synthesis. <i>Science</i> , 2009, 324, 801-804.	6.0	660
23	Cytological and Transcript Analyses Reveal Fat and Lazy Persister-Like Bacilli in Tuberculous Sputum. <i>PLoS Medicine</i> , 2008, 5, e75.	3.9	383
24	<i>Mycobacterium tuberculosis</i> DNA repair in response to subinhibitory concentrations of ciprofloxacin. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1199-1202.	1.3	47
25	Probing Host Pathogen Cross-Talk by Transcriptional Profiling of Both <i>Mycobacterium tuberculosis</i> and Infected Human Dendritic Cells and Macrophages. <i>PLoS ONE</i> , 2008, 3, e1403.	1.1	172
26	Genomic Diversity among Beijing and non-Beijing <i>Mycobacterium tuberculosis</i> Isolates from Myanmar. <i>PLoS ONE</i> , 2008, 3, e1973.	1.1	18
27	Microarray Analysis of Whole Genome Expression of Intracellular <i>Mycobacterium tuberculosis</i> . <i>Current Molecular Medicine</i> , 2007, 7, 287-296.	0.6	36
28	RNA profiling in host-pathogen interactions. <i>Current Opinion in Microbiology</i> , 2007, 10, 297-302.	2.3	31
29	Microarrays Reveal that Each of the Ten Dominant Lineages of <i>Staphylococcus aureus</i> Has a Unique Combination of Surface-Associated and Regulatory Genes. <i>Journal of Bacteriology</i> , 2006, 188, 669-676.	1.0	303
30	Dissection of ESAT-6 System 1 of <i>Mycobacterium tuberculosis</i> and Impact on Immunogenicity and Virulence. <i>Infection and Immunity</i> , 2006, 74, 88-98.	1.0	279
31	Cytokine mRNA Expression in <i>Mycobacterium ulcerans</i> -Infected Human Skin and Correlation with Local Inflammatory Response. <i>Infection and Immunity</i> , 2006, 74, 2917-2924.	1.0	28
32	Inactivation of polyketide synthase and related genes results in the loss of complex lipids in <i>Mycobacterium tuberculosis</i> H37Rv. <i>Letters in Applied Microbiology</i> , 2005, 40, 201-206.	1.0	43
33	Design, Validation, and Application of a Seven-Strain <i>Staphylococcus aureus</i> PCR Product Microarray for Comparative Genomics. <i>Applied and Environmental Microbiology</i> , 2005, 71, 7504-7514.	1.4	77
34	Use of Genome Level-Informed PCR as a New Investigational Approach for Analysis of Outbreak-Associated <i>Mycobacterium tuberculosis</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1890-1896.	1.8	24
35	DNA Microarrays for Virus Detection in Cases of Central Nervous System Infection. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5811-5818.	1.8	88
36	Advanced significance analysis of microarray data based on weighted resampling: a comparative study and application to gene deletions in <i>Mycobacterium bovis</i> . <i>Bioinformatics</i> , 2004, 20, 357-363.	1.8	9

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37	Stationary phase gene expression of <i>Mycobacterium tuberculosis</i> following a progressive nutrient depletion: a model for persistent organisms?. <i>Tuberculosis</i> , 2004, 84, 228-238.	0.8	185
38	The influence of reduced oxygen availability on pathogenicity and gene expression in <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2004, 84, 205-217.	0.8	127
39	Microarrays for <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2004, 84, 131-137.	0.8	35
40	Increased transcription of a potential sigma factor regulatory gene Rv1364c in <i>Mycobacterium bovis</i> BCG while residing in macrophages indicates use of alternative promoters. <i>FEMS Microbiology Letters</i> , 2004, 233, 333-339.	0.7	7
41	Fidelity and reproducibility of antisense RNA amplification for the study of gene expression in human CD34+ haemopoietic stem and progenitor cells. <i>British Journal of Haematology</i> , 2003, 122, 498-505.	1.2	7
42	Transcriptional Adaptation of <i>Mycobacterium tuberculosis</i> within Macrophages. <i>Journal of Experimental Medicine</i> , 2003, 198, 693-704.	4.2	1,311
43	Evolutionary Relationships among Strains of <i>Mycobacterium tuberculosis</i> with Few Copies of IS 6110. <i>Journal of Bacteriology</i> , 2003, 185, 2555-2562.	1.0	38
44	Genetic Composition of <i>Mycobacterium bovis</i> BCG Substrain Sofia. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5349-5349.	1.8	23
45	Genomic Analysis of <i>Mycobacterium tuberculosis</i> Complex Strains Used for Production of Purified Protein Derivative. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3929-3932.	1.8	16
46	Estimation of the Rate of Unrecognized Cross-Contamination with <i>Mycobacterium tuberculosis</i> in London Microbiology Laboratories. <i>Journal of Clinical Microbiology</i> , 2002, 40, 4100-4104.	1.8	37
47	Molecular epidemiology of tuberculosis in London 1995-7 showing low rate of active transmission. <i>Thorax</i> , 2002, 57, 617-622.	2.7	111
48	Gene expression during host-pathogen interactions: Approaches to bacterial mRNA extraction and labelling for microarray analysis. <i>Methods in Microbiology</i> , 2002, 33, 137-151.	0.4	34
49	Early detection of cytomegalovirus (CMV) infection in bone marrow transplant patients by reverse transcription-PCR for CMV spliced late gene UL21.5: a two site evaluation. <i>Journal of Clinical Virology</i> , 2002, 24, 13-23.	1.6	20
50	Microarray-Based Comparative Genomics: Genome Plasticity in <i>Mycobacterium bovis</i> . <i>Comparative and Functional Genomics</i> , 2002, 3, 342-344.	2.0	2
51	The Heat Shock Response of <i>Mycobacterium tuberculosis</i> : Linking Gene Expression, Immunology and Pathogenesis. <i>Comparative and Functional Genomics</i> , 2002, 3, 348-351.	2.0	19
52	Microarrays for Microbes: the $\frac{1}{4}$ G@S Approach. <i>Comparative and Functional Genomics</i> , 2002, 3, 333-337.	2.0	3
53	The 1st Symposium of the Wellcome Trust-Funded Multi-Collaborative Microbial Pathogen Microarray Facility's $\frac{1}{4}$ G@S 2002: "Bacterial Pathogens, Microarrays and Functional Genomics". <i>Comparative and Functional Genomics</i> , 2002, 3, 326-329.	2.0	1
54	Whole Genome Comparison of <i>Campylobacter jejuni</i> Human Isolates Using a Low-Cost Microarray Reveals Extensive Genetic Diversity. <i>Genome Research</i> , 2001, 11, 1706-1715.	2.4	278

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55	Detection of mRNA Transcripts and Active Transcription in Persistent Mycobacterium tuberculosis Induced by Exposure to Rifampin or Pyrazinamide. <i>Journal of Bacteriology</i> , 2000, 182, 6358-6365.	1.0	168
56	Mycobacterium tuberculosis Expresses a Novel Ph-Dependent Divalent Cation Transporter Belonging to the Nramp Family. <i>Journal of Experimental Medicine</i> , 1999, 190, 717-724.	4.2	131
57	Diagnosis of Pneumocystis carinii pneumonia: Immunofluorescence staining, simple PCR or nPCR. <i>Journal of Infection</i> , 1999, 39, 77-80.	1.7	31
58	Human cytomegalovirus genome sequences in lymph nodes. <i>Microbes and Infection</i> , 1999, 1, 279-283.	1.0	5
59	Recognition of tissue cyst-specific antigens in reactivating toxoplasmosis. <i>Journal of Medical Microbiology</i> , 1997, 46, 587-595.	0.7	11
60	An effective method of RNA extraction from bacteria refractory to disruption, including mycobacteria. <i>Nucleic Acids Research</i> , 1997, 25, 675-676.	6.5	80
61	A polymerase chain reaction to detect a spliced late transcript of human cytomegalovirus in the blood of bone marrow transplant recipients. <i>Journal of Virological Methods</i> , 1996, 56, 139-148.	1.0	29
62	Minisatellites corresponding to the human polycore probes 33.6 and 33.15 in the genome of the most "primitive" known eukaryote Giardia lamblia. <i>Gene</i> , 1995, 166, 167-172.	1.0	7
63	Association of cytomegalovirus infection with post-transplantation cardiac rejection as studied using the polymerase chain reaction. <i>Journal of Medical Virology</i> , 1994, 42, 396-404.	2.5	28
64	Quantification of cytomegalovirus DNA in blood specimens from bone marrow transplant recipients by the polymerase chain reaction. <i>Journal of Virological Methods</i> , 1994, 47, 189-202.	1.0	29
65	Application of the polymerase chain reaction to the diagnosis of human toxoplasmosis. <i>Journal of Infection</i> , 1993, 26, 147-158.	1.7	66
66	Development of an in vitro model of Toxoplasma gondii cyst formation. <i>FEMS Microbiology Letters</i> , 1993, 114, 325-332.	0.7	30
67	Determination of Mycobacterium leprae Viability by Polymerase Chain Reaction Amplification of 71-kDa Heat-Shock Protein mRNA. <i>Journal of Infectious Diseases</i> , 1993, 168, 799-800.	1.9	61
68	Mycobacterium tuberculosis expresses two chaperonin-60 homologs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 2608-2612.	3.3	134
69	Extraction and characterization of mRNA from mycobacteria: implication for virulence gene identification. <i>Journal of Microbiological Methods</i> , 1991, 13, 99-111.	0.7	21
70	Characterization of the heat shock response in Mycobacterium bovis BCG. <i>Journal of Bacteriology</i> , 1991, 173, 7982-7987.	1.0	30
71	Antibodies to gut protozoa in commercial immunoglobulin preparations. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1991, 85, 74-76.	0.7	0
72	DNA probes for the faecal diagnosis of Giardia lamblia infections in man. <i>Biochemical Society Transactions</i> , 1989, 17, 363-364.	1.6	24

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73	Investigation of mycobacteria in Crohn's disease tissue by Southern blotting and DNA hybridisation with cloned mycobacterial genomic DNA probes from a Crohn's disease isolated mycobacteria.. Gut, 1988, 29, 1222-1228.	6.1	31
74	Serodiagnosis of giardiasis. Serodiagnosis and Immunotherapy in Infectious Disease, 1987, 1, 233-235.	0.2	8
75	The use of DNA probes identifying restriction-fragment-length polymorphisms to examine the Mycobacterium avium complex. Molecular Microbiology, 1987, 1, 283-291.	1.2	110
76	The electrophoretic analysis of low molecular weight nucleic acids from Crohn's disease tissues in the search for an unconventional small infections agent. Archives of Virology, 1986, 88, 113-120.	0.9	1
77	Comparison of human low-molecular-weight RNA from normal and Crohn's disease derived blood and mesenteric, lymph node leucocytes. Biochemical Society Transactions, 1984, 12, 1112-1113.	1.6	0
78	Efficient translation and polyribosome binding of 125 I-labelled rabbit globin messenger ribonucleoprotein. FEBS Letters, 1983, 153, 119-124.	1.3	15