

Volker Brinkmann

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

25,500
citations

46984

47
h-index

45285

90
g-index

102
all docs

102
docs citations

102
times ranked

25299
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling Chlamydia and HPV co-infection in patient-derived ectocervix organoids reveals distinct cellular reprogramming. <i>Nature Communications</i> , 2022, 13, 1030.	5.8	32
2	Opposing Wnt signals regulate cervical squamocolumnar homeostasis and emergence of metaplasia. <i>Nature Cell Biology</i> , 2021, 23, 184-197.	4.6	62
3	Epithelial response to IFN γ promotes SARS-CoV-2 infection. <i>EMBO Molecular Medicine</i> , 2021, 13, e13191.	3.3	62
4	Survival Strategies of <i>Streptococcus pyogenes</i> in Response to Phage Infection. <i>Viruses</i> , 2021, 13, 612.	1.5	11
5	Role of Premycofactocin Synthase in Growth, Microaerophilic Adaptation, and Metabolism of <i>Mycobacterium tuberculosis</i> . <i>MBio</i> , 2021, 12, e0166521.	1.8	7
6	EGF and BMPs Govern Differentiation and Patterning in Human Gastric Glands. <i>Gastroenterology</i> , 2021, 161, 623-636.e16.	0.6	25
7	Entering the neutrophil trap. <i>Nature Reviews Immunology</i> , 2021, 21, 615-615.	10.6	3
8	Weaker protection against tuberculosis in BCG-vaccinated male 129 S2 mice compared to females. <i>Vaccine</i> , 2021, 39, 7253-7264.	1.7	8
9	Polarization of MTIP is a signature of gliding locomotion in <i>Plasmodium</i> ookinetes and sporozoites. <i>Molecular and Biochemical Parasitology</i> , 2020, 235, 111247.	0.5	3
10	FX11 limits <i>Mycobacterium tuberculosis</i> growth and potentiates bactericidal activity of isoniazid through host-directed activity. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	1.2	15
11	Immunofluorescent Detection of NET Components in Paraffin-Embedded Tissue. <i>Methods in Molecular Biology</i> , 2020, 2087, 415-424.	0.4	4
12	Neutrophil extracellular traps drive inflammatory pathogenesis in malaria. <i>Science Immunology</i> , 2019, 4, .	5.6	108
13	Immunofluorescence Labelling of Human and Murine Neutrophil Extracellular Traps in Paraffin-Embedded Tissue. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	14
14	<i>Staphylococcus saccharolyticus</i> Isolated From Blood Cultures and Prosthetic Joint Infections Exhibits Excessive Genome Decay. <i>Frontiers in Microbiology</i> , 2019, 10, 478.	1.5	12
15	Chronic Chlamydia infection in human organoids increases stemness and promotes age-dependent CpG methylation. <i>Nature Communications</i> , 2019, 10, 1194.	5.8	76
16	<i>Dnase1</i> deficient mice spontaneously develop a systemic lupus erythematosus-like disease. <i>European Journal of Immunology</i> , 2019, 49, 590-599.	1.6	27
17	Midkine drives cardiac inflammation by promoting neutrophil trafficking and NETosis in myocarditis. <i>Journal of Experimental Medicine</i> , 2019, 216, 350-368.	4.2	76
18	Pan-genome analysis of the genus <i>Finegoldia</i> identifies two distinct clades, strain-specific heterogeneity, and putative virulence factors. <i>Scientific Reports</i> , 2018, 8, 266.	1.6	28

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19	Non-competitive resource exploitation within mosquito shapes within-host malaria infectivity and virulence. <i>Nature Communications</i> , 2018, 9, 3474.	5.8	58
20	Genomic features of the <i>Helicobacter pylori</i> strain PMSS1 and its virulence attributes as deduced from its <i>in vivo</i> colonisation patterns. <i>Molecular Microbiology</i> , 2018, 110, 761-776.	1.2	11
21	Unbiased classification of mosquito blood cells by single-cell genomics and high-content imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7568-E7577.	3.3	57
22	PS5:92â€¦Clarification of the role of dnase 1 on the onset of systemic lupus erythematosus in a murine model. , 2018, , .		0
23	Neutrophil Extracellular Traps in the Second Decade. <i>Journal of Innate Immunity</i> , 2018, 10, 414-421.	1.8	220
24	Neutrophil alterations in pregnancy-associated malaria and induction of neutrophil chemotaxis by <i>Plasmodium falciparum</i> . <i>Parasite Immunology</i> , 2017, 39, e12433.	0.7	13
25	ALPK1- and TIFA-Dependent Innate Immune Response Triggered by the <i>Helicobacter pylori</i> Type IV Secretion System. <i>Cell Reports</i> , 2017, 20, 2384-2395.	2.9	139
26	Cell-Cycle Proteins Control Production of Neutrophil Extracellular Traps. <i>Developmental Cell</i> , 2017, 43, 449-462.e5.	3.1	159
27	The E3 ubiquitin ligase NEDD4 enhances killing of membrane-perturbing intracellular bacteria by promoting autophagy. <i>Autophagy</i> , 2017, 13, 2041-2055.	4.3	58
28	Efficacy Testing of H56 cDNA Tattoo Immunization against Tuberculosis in a Mouse Model. <i>Frontiers in Immunology</i> , 2017, 8, 1744.	2.2	5
29	Prevalence of Flp Pili-Encoding Plasmids in <i>Cutibacterium acnes</i> Isolates Obtained from Prostatic Tissue. <i>Frontiers in Microbiology</i> , 2017, 8, 2241.	1.5	21
30	Diverse stimuli engage different neutrophil extracellular trap pathways. <i>ELife</i> , 2017, 6, .	2.8	598
31	<i>Mycobacterium tuberculosis</i> infection modulates adipose tissue biology. <i>PLoS Pathogens</i> , 2017, 13, e1006676.	2.1	39
32	Immunodetection of NETs in Paraffin-Embedded Tissue. <i>Frontiers in Immunology</i> , 2016, 7, 513.	2.2	56
33	Comparative <i>Plasmodium</i> gene overexpression reveals distinct perturbation of sporozoite transmission by profilin. <i>Molecular Biology of the Cell</i> , 2016, 27, 2234-2244.	0.9	9
34	Genetic characterization of an adapted pandemic 2009 H1N1 influenza virus that reveals improved replication rates in human lung epithelial cells. <i>Virology</i> , 2016, 492, 118-129.	1.1	8
35	Optogenetic monitoring identifies phosphatidylthreonine-regulated calcium homeostasis in <i>Toxoplasma gondii</i> . <i>Microbial Cell</i> , 2016, 3, 215-223.	1.4	20
36	The <i>Plasmodium berghei</i> translocon of exported proteins reveals spatiotemporal dynamics of tubular extensions. <i>Scientific Reports</i> , 2015, 5, 12532.	1.6	41

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37	The Notch and Wnt pathways regulate stemness and differentiation in human fallopian tube organoids. <i>Nature Communications</i> , 2015, 6, 8989.	5.8	354
38	Heparan Sulfate Modulates Neutrophil and Endothelial Function in Antibacterial Innate Immunity. <i>Infection and Immunity</i> , 2015, 83, 3648-3656.	1.0	30
39	The Spatiotemporal Dynamics and Membranous Features of the <i>Plasmodium</i> Liver Stage Tubovesicular Network. <i>Traffic</i> , 2014, 15, 362-382.	1.3	48
40	Type I IFN signaling triggers immunopathology in tuberculosis-susceptible mice by modulating lung phagocyte dynamics. <i>European Journal of Immunology</i> , 2014, 44, 2380-2393.	1.6	190
41	<i>C. trachomatis</i> remodels stable microtubules to coordinate oligo stack recruitment to the chlamydial inclusion surface. <i>Molecular Microbiology</i> , 2014, 94, 1285-1297.	1.2	50
42	Chlamydia infection depends on a functional MDM2-p53 axis. <i>Nature Communications</i> , 2014, 5, 5201.	5.8	69
43	AhR sensing of bacterial pigments regulates antibacterial defence. <i>Nature</i> , 2014, 512, 387-392.	13.7	309
44	Lung-Residing Myeloid-derived Suppressors Display Dual Functionality in Murine Pulmonary Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1053-1066.	2.5	143
45	IcsA Is a <i>Shigella flexneri</i> Adhesin Regulated by the Type III Secretion System and Required for Pathogenesis. <i>Cell Host and Microbe</i> , 2014, 15, 435-445.	5.1	88
46	Wnt/ β -catenin signalling induces MLL to create epigenetic changes in salivary gland tumours. <i>EMBO Journal</i> , 2013, 32, 1977-1989.	3.5	86
47	Comparative genomics reveals distinct host-interacting traits of three major human-associated propionibacteria. <i>BMC Genomics</i> , 2013, 14, 640.	1.2	43
48	A proposed role for neutrophil extracellular traps in cancer immunoediting. <i>Frontiers in Immunology</i> , 2013, 4, 48.	2.2	219
49	Spontaneous formation of IpaB ion channels in host cell membranes reveals how <i>Shigella</i> induces pyroptosis in macrophages. <i>Cell Death and Disease</i> , 2012, 3, e384-e384.	2.7	70
50	Neutrophil extracellular traps: Is immunity the second function of chromatin?. <i>Journal of Cell Biology</i> , 2012, 198, 773-783.	2.3	878
51	Critical Role for Heat Shock Protein 20 (HSP20) in Migration of Malarial Sporozoites. <i>Journal of Biological Chemistry</i> , 2012, 287, 2410-2422.	1.6	62
52	Monocytes, neutrophils, and platelets cooperate to initiate and propagate venous thrombosis in mice in vivo. <i>Journal of Experimental Medicine</i> , 2012, 209, 819-835.	4.2	1,441
53	The exported <i>Plasmodium berghei</i> protein IBIS1 delineates membranous structures in infected red blood cells. <i>Molecular Microbiology</i> , 2012, 83, 1229-1243.	1.2	47
54	<i>Propionibacterium acnes</i> host cell tropism contributes to vimentin-mediated invasion and induction of inflammation. <i>Cellular Microbiology</i> , 2012, 14, 1720-1733.	1.1	43

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55	Automatic quantification of in vitro NET formation. <i>Frontiers in Immunology</i> , 2012, 3, 413.	2.2	176
56	Prevalence of <i>Propionibacterium acnes</i> in diseased prostates and its inflammatory and transforming activity on prostate epithelial cells. <i>International Journal of Medical Microbiology</i> , 2011, 301, 69-78.	1.5	126
57	Autophagy-independent function of MAP-LC3 during intracellular propagation of <i>Chlamydia trachomatis</i> . <i>Autophagy</i> , 2011, 7, 814-828.	4.3	56
58	<i>Helicobacter pylori</i> HP0518 affects flagellin glycosylation to alter bacterial motility. <i>Molecular Microbiology</i> , 2010, 78, 1130-1144.	1.2	49
59	Reciprocal coupling of coagulation and innate immunity via neutrophil serine proteases. <i>Nature Medicine</i> , 2010, 16, 887-896.	15.2	995
60	Impairment of neutrophil extracellular trap degradation is associated with lupus nephritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9813-9818.	3.3	1,201
61	The adaptor molecule CARD9 is essential for tuberculosis control. <i>Journal of Experimental Medicine</i> , 2010, 207, 777-792.	4.2	193
62	Tyrosine-Phosphorylated Caveolin-1 Blocks Bacterial Uptake by Inducing Vav2-RhoA-Mediated Cytoskeletal Rearrangements. <i>PLoS Biology</i> , 2010, 8, e1000457.	2.6	32
63	Neutrophil Extracellular Traps: How to Generate and Visualize Them. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	224
64	Wnt/ β -catenin activity is essential to turn the epigenetic state to "ON" in salivary gland stem cells to create cancer stem cells. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2010, 6, 134.	2.2	1
65	Real-time imaging of <i>Leishmania mexicana</i> -infected early phagosomes: a study using primary macrophages generated from green fluorescent protein-Rab5 transgenic mice. <i>FASEB Journal</i> , 2009, 23, 483-491.	0.2	22
66	Bim and Bmf Synergize To Induce Apoptosis in Neisseria Gonorrhoeae Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000348.	2.1	35
67	Rab6 and Rab11 Regulate <i>Chlamydia trachomatis</i> Development and Golgin-84-Dependent Golgi Fragmentation. <i>PLoS Pathogens</i> , 2009, 5, e1000615.	2.1	121
68	Bacterial Porin Disrupts Mitochondrial Membrane Potential and Sensitizes Host Cells to Apoptosis. <i>PLoS Pathogens</i> , 2009, 5, e1000629.	2.1	72
69	Neutrophil Extracellular Traps Contain Calprotectin, a Cytosolic Protein Complex Involved in Host Defense against <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000639.	2.1	1,378
70	<i>Chlamydia</i> causes fragmentation of the Golgi compartment to ensure reproduction. <i>Nature</i> , 2009, 457, 731-735.	13.7	254
71	Netting neutrophils in autoimmune small-vessel vasculitis. <i>Nature Medicine</i> , 2009, 15, 623-625.	15.2	1,390
72	Mouse Neutrophil Extracellular Traps in Microbial Infections. <i>Journal of Innate Immunity</i> , 2009, 1, 181-193.	1.8	206

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73	Restoration of NET formation by gene therapy in CGD controls aspergillosis. <i>Blood</i> , 2009, 114, 2619-2622.	0.6	500
74	Response: Protecting against <i>Aspergillus</i> infection in CGD. <i>Blood</i> , 2009, 114, 3498-3498.	0.6	2
75	Identifying Activated T Cells in Reconstituted RAG Deficient Mice Using Retrovirally Transduced Pax5 Deficient Pro-B Cells. <i>PLoS ONE</i> , 2009, 4, e5115.	1.1	1
76	Phosphorylation of tyrosine 972 of the <i>Helicobacter pylori</i> CagA protein is essential for induction of a scattering phenotype in gastric epithelial cells. <i>Molecular Microbiology</i> , 2008, 42, 631-644.	1.2	211
77	Requirement of secondary lymphoid tissues for the induction of primary and secondary T cell responses against <i>Listeria monocytogenes</i> . <i>European Journal of Immunology</i> , 2008, 38, 127-138.	1.6	15
78	Role of interleukin-12 in determining differential kinetics of invariant natural killer T cells in response to differential burden of <i>Listeria monocytogenes</i> . <i>Microbes and Infection</i> , 2008, 10, 224-232.	1.0	17
79	Delay of phagosome maturation by a mycobacterial lipid is reversed by nitric oxide. <i>Cellular Microbiology</i> , 2008, 10, 1530-1545.	1.1	122
80	Long-term effects of natural amino acids on infection with <i>Chlamydia trachomatis</i> . <i>Microbial Pathogenesis</i> , 2008, 44, 438-447.	1.3	5
81	Chapter 24 Infection at the Cellular Level. <i>Methods in Cell Biology</i> , 2008, 88, 477-496.	0.5	2
82	Transgenic, Fluorescent <i>Leishmania mexicana</i> Allow Direct Analysis of the Proteome of Intracellular Amastigotes. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1688-1701.	2.5	68
83	Novel cell death program leads to neutrophil extracellular traps. <i>Journal of Cell Biology</i> , 2007, 176, 231-241.	2.3	2,693
84	Beneficial suicide: why neutrophils die to make NETs. <i>Nature Reviews Microbiology</i> , 2007, 5, 577-582.	13.6	798
85	The <i>Helicobacter pylori</i> CagA protein disrupts matrix adhesion of gastric epithelial cells by dephosphorylation of vinculin. <i>Cellular Microbiology</i> , 2007, 9, 1148-1161.	1.1	80
86	A small non-coding RNA of the invasion gene island (SPI-4) represses outer membrane protein synthesis from the <i>Salmonella</i> core genome. <i>Molecular Microbiology</i> , 2007, 66, 1174-1191.	1.2	171
87	Critical Role of Methylglyoxal and AGE in Mycobacteria-Induced Macrophage Apoptosis and Activation. <i>PLoS ONE</i> , 2006, 1, e29.	1.1	64
88	Naturally occurring amino acids differentially influence the development of <i>Chlamydia trachomatis</i> and <i>Chlamydia (Chlamydophila) pneumoniae</i> . <i>Journal of Medical Microbiology</i> , 2006, 55, 879-886.	0.7	15
89	Neutrophil Extracellular Traps Kill Bacteria. <i>Science</i> , 2004, 303, 1532-1535.	6.0	7,806
90	Low iron availability modulates the course of <i>Chlamydia pneumoniae</i> infection. <i>Cellular Microbiology</i> , 2001, 3, 427-437.	1.1	101

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91	ALPK1 and TIFA Dependent Innate Immune Response Triggered by the <i>Helicobacter pylori</i> Type IV Secretion System. SSRN Electronic Journal, 0, , .	0.4	0