Volker Brinkmann

List of Publications by Year
in descending order

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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	Neutrophil Extracellular Traps Kill Bacteria. Science, 2004, 303, 1532-1535.	6.0	7,806
2	Novel cell death program leads to neutrophil extracellular traps. Journal of Cell Biology, 2007, 176, 231-241.	2.3	2,693
3	Monocytes, neutrophils, and platelets cooperate to initiate and propagate venous thrombosis in mice in vivo. Journal of Experimental Medicine, 2012, 209, 819-835.	4.2	1,441
4	Netting neutrophils in autoimmune small-vessel vasculitis. Nature Medicine, 2009, 15, 623-625.	15.2	1,390
5	Neutrophil Extracellular Traps Contain Calprotectin, a Cytosolic Protein Complex Involved in Host Defense against Candida albicans. PLoS Pathogens, 2009, 5, e1000639.	2.1	1,378
6	Impairment of neutrophil extracellular trap degradation is associated with lupus nephritis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9813-9818.	3.3	1,201
7	Reciprocal coupling of coagulation and innate immunity via neutrophil serine proteases. Nature Medicine, 2010, 16, 887-896.	15.2	995
8	Neutrophil extracellular traps: Is immunity the second function of chromatin?. Journal of Cell Biology, 2012, 198, 773-783.	2.3	878
9	Beneficial suicide: why neutrophils die to make NETs. Nature Reviews Microbiology, 2007, 5, 577-582.	13.6	798
10	Diverse stimuli engage different neutrophil extracellular trap pathways. ELife, 2017, 6, .	2.8	598
11	Restoration of NET formation by gene therapy in CGD controls aspergillosis. Blood, 2009, 114, 2619-2622.	0.6	500
12	The Notch and Wnt pathways regulate stemness and differentiation in human fallopian tube organoids. Nature Communications, 2015, 6, 8989.	5.8	354
13	AhR sensing of bacterial pigments regulates antibacterial defence. Nature, 2014, 512, 387-392.	13.7	309
14	Chlamydia causes fragmentation of the Golgi compartment to ensure reproduction. Nature, 2009, 457, 731-735.	13.7	254
15	Neutrophil Extracellular Traps: How to Generate and Visualize Them. Journal of Visualized Experiments, 2010, , .	0.2	224
16	Neutrophil Extracellular Traps in the Second Decade. Journal of Innate Immunity, 2018, 10, 414-421.	1.8	220
17	A proposed role for neutrophil extracellular traps in cancer immunoediting. Frontiers in Immunology, 2013, 4, 48.	2.2	219
18	Phosphorylation of tyrosine 972 of the Helicobacter pylori CagA protein is essential for induction of a scattering phenotype in gastric epithelial cells. Molecular Microbiology, 2008, 42, 631-644.	1.2	211

#	Article	IF	Citations
19	Mouse Neutrophil Extracellular Traps in Microbial Infections. Journal of Innate Immunity, 2009, 1, 181-193.	1.8	206
20	The adaptor molecule CARD9 is essential for tuberculosis control. Journal of Experimental Medicine, 2010, 207, 777-792.	4.2	193
21	Type I IFN signaling triggers immunopathology in tuberculosisâ€susceptible mice by modulating lung phagocyte dynamics. European Journal of Immunology, 2014, 44, 2380-2393.	1.6	190
22	Automatic quantification of in vitro NET formation. Frontiers in Immunology, 2012, 3, 413.	2.2	176
23	A small nonâ€coding RNA of the invasion gene island (SPIâ€1) represses outer membrane protein synthesis from the Salmonella core genome. Molecular Microbiology, 2007, 66, 1174-1191.	1.2	171
24	Cell-Cycle Proteins Control Production of Neutrophil Extracellular Traps. Developmental Cell, 2017, 43, 449-462.e5.	3.1	159
25	Lung-Residing Myeloid-derived Suppressors Display Dual Functionality in Murine Pulmonary Tuberculosis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1053-1066.	2.5	143
26	ALPK1- and TIFA-Dependent Innate Immune Response Triggered by the Helicobacter pylori Type IV Secretion System. Cell Reports, 2017, 20, 2384-2395.	2.9	139
27	Prevalence of Propionibacterium acnes in diseased prostates and its inflammatory and transforming activity on prostate epithelial cells. International Journal of Medical Microbiology, 2011, 301, 69-78.	1.5	126
28	Delay of phagosome maturation by a mycobacterial lipid is reversed by nitric oxide. Cellular Microbiology, 2008, 10, 1530-1545.	1.1	122
29	Rab6 and Rab11 Regulate Chlamydia trachomatis Development and Golgin-84-Dependent Golgi Fragmentation. PLoS Pathogens, 2009, 5, e1000615.	2.1	121
30	Neutrophil extracellular traps drive inflammatory pathogenesis in malaria. Science Immunology, 2019, 4, .	5.6	108
31	Low iron availability modulates the course ofChlamydia pneumoniaeinfection. Cellular Microbiology, 2001, 3, 427-437.	1.1	101
32	IcsA Is a Shigella flexneri Adhesin Regulated by the Type III Secretion System and Required for Pathogenesis. Cell Host and Microbe, 2014, 15, 435-445.	5.1	88
33	Wnt/Î²-catenin signalling induces MLL to create epigenetic changes in salivary gland tumours. EMBO Journal, 2013, 32, 1977-1989.	3.5	86
34	The Helicobacter pylori CagA protein disrupts matrix adhesion of gastric epithelial cells by dephosphorylation of vinculin. Cellular Microbiology, 2007, 9, 1148-1161.	1.1	80
35	Chronic Chlamydia infection in human organoids increases stemness and promotes age-dependent CpG methylation. Nature Communications, 2019, 10, 1194.	5.8	76
36	Midkine drives cardiac inflammation by promoting neutrophil trafficking and NETosis in myocarditis. Journal of Experimental Medicine, 2019, 216, 350-368.	4.2	76

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37	Bacterial Porin Disrupts Mitochondrial Membrane Potential and Sensitizes Host Cells to Apoptosis. PLoS Pathogens, 2009, 5, e1000629.	2.1	72
38	Spontaneous formation of IpaB ion channels in host cell membranes reveals how Shigella induces pyroptosis in macrophages. Cell Death and Disease, 2012, 3, e384-e384.	2.7	70
39	Chlamydia infection depends on a functional MDM2-p53 axis. Nature Communications, 2014, 5, 5201.	5.8	69
40	Transgenic, Fluorescent Leishmania mexicana Allow Direct Analysis of the Proteome of Intracellular Amastigotes. Molecular and Cellular Proteomics, 2008, 7, 1688-1701.	2.5	68
41	Critical Role of Methylglyoxal and AGE in Mycobacteria-Induced Macrophage Apoptosis and Activation. PLoS ONE, 2006, 1, e29.	1.1	64
42	Critical Role for Heat Shock Protein 20 (HSP20) in Migration of Malarial Sporozoites. Journal of Biological Chemistry, 2012, 287, 2410-2422.	1.6	62
43	Opposing Wnt signals regulate cervical squamocolumnar homeostasis and emergence of metaplasia. Nature Cell Biology, 2021, 23, 184-197.	4.6	62
44	Epithelial response to IFNâ€Î³ promotes SARSâ€CoVâ€2 infection. EMBO Molecular Medicine, 2021, 13, e13191.	3.3	62
45	The E3 ubiquitin ligase NEDD4 enhances killing of membrane-perturbing intracellular bacteria by promoting autophagy. Autophagy, 2017, 13, 2041-2055.	4.3	58
46	Non-competitive resource exploitation within mosquito shapes within-host malaria infectivity and virulence. Nature Communications, 2018, 9, 3474.	5.8	58
47	Unbiased classification of mosquito blood cells by single-cell genomics and high-content imaging. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7568-E7577.	3.3	57
48	Autophagy-independent function of MAP-LC3 during intracellular propagation ofChlamydia trachomatis. Autophagy, 2011, 7, 814-828.	4.3	56
49	Immunodetection of NETs in Paraffin-Embedded Tissue. Frontiers in Immunology, 2016, 7, 513.	2.2	56
50	<scp>C</scp>hlamydia trachomatis remodels stable microtubules to coordinate <scp>G</scp>olgi stack recruitment to the chlamydial inclusion surface. Molecular Microbiology, 2014, 94, 1285-1297.	1.2	50
51	Helicobacter pylori HP0518 affects flagellin glycosylation to alter bacterial motility. Molecular Microbiology, 2010, 78, 1130-1144.	1.2	49
52	The Spatiotemporal Dynamics and Membranous Features of the Plasmodium Liver Stage Tubovesicular Network. Traffic, 2014, 15, 362-382.	1.3	48
53	The exported Plasmodium berghei protein IBIS1 delineates membranous structures in infected red blood cells. Molecular Microbiology, 2012, 83, 1229-1243.	1.2	47
54	Propionibacterium acneshost cell tropism contributes to vimentin-mediated invasion and induction of inflammation. Cellular Microbiology, 2012, 14, 1720-1733.	1.1	43

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55	Comparative genomics reveals distinct host-interacting traits of three major human-associated propionibacteria. BMC Genomics, 2013, 14, 640.	1.2	43
56	The Plasmodium berghei translocon of exported proteins reveals spatiotemporal dynamics of tubular extensions. Scientific Reports, 2015, 5, 12532.	1.6	41
57	Mycobacterium tuberculosis infection modulates adipose tissue biology. PLoS Pathogens, 2017, 13, e1006676.	2.1	39
58	Bim and Bmf Synergize To Induce Apoptosis in Neisseria Gonorrhoeae Infection. PLoS Pathogens, 2009, 5, e1000348.	2.1	35
59	Tyrosine-Phosphorylated Caveolin-1 Blocks Bacterial Uptake by Inducing Vav2-RhoA-Mediated Cytoskeletal Rearrangements. PLoS Biology, 2010, 8, e1000457.	2.6	32
60	Modelling Chlamydia and HPV co-infection in patient-derived ectocervix organoids reveals distinct cellular reprogramming. Nature Communications, 2022, 13, 1030.	5.8	32
61	Heparan Sulfate Modulates Neutrophil and Endothelial Function in Antibacterial Innate Immunity. Infection and Immunity, 2015, 83, 3648-3656.	1.0	30
62	Pan-genome analysis of the genus Finegoldia identifies two distinct clades, strain-specific heterogeneity, and putative virulence factors. Scientific Reports, 2018, 8, 266.	1.6	28
63	Dnase1â€deficient mice spontaneously develop a systemic lupus erythematosusâ€like disease. European Journal of Immunology, 2019, 49, 590-599.	1.6	27
64	EGF and BMPs Govern Differentiation and Patterning in Human Gastric Glands. Gastroenterology, 2021, 161, 623-636.e16.	0.6	25
65	Realâ€time imaging ofLeishmania mexicanaâ€infected early phagosomes: a study using primary macrophages generated from green fluorescent proteinâ€Rab5 transgenic mice. FASEB Journal, 2009, 23, 483-491.	0.2	22
66	Prevalence of Flp Pili-Encoding Plasmids in Cutibacterium acnes Isolates Obtained from Prostatic Tissue. Frontiers in Microbiology, 2017, 8, 2241.	1.5	21
67	Optogenetic monitoring identifies phosphatidylthreonine-regulated calcium homeostasis in Toxoplasma gondii. Microbial Cell, 2016, 3, 215-223.	1.4	20
68	Role of interleukin-12 in determining differential kinetics of invariant natural killer T cells in response to differential burden of Listeria monocytogenes. Microbes and Infection, 2008, 10, 224-232.	1.0	17
69	Naturally occurring amino acids differentially influence the development of Chlamydia trachomatis and Chlamydia (Chlamydophila) pneumoniae. Journal of Medical Microbiology, 2006, 55, 879-886.	0.7	15
70	Requirement of secondary lymphoid tissues for the induction of primary and secondary T cell responses against Listeria monocytogenes. European Journal of Immunology, 2008, 38, 127-138.	1.6	15
71	FX11 limits Mycobacterium tuberculosis growth and potentiates bactericidal activity of isoniazid through host-directed activity. DMM Disease Models and Mechanisms, 2020, 13, .	1.2	15
72	Immunofluorescence Labelling of Human and Murine Neutrophil Extracellular Traps in Paraffin-Embedded Tissue. Journal of Visualized Experiments, 2019, , .	0.2	14

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73	Neutrophil alterations in pregnancyâ€associated malaria and induction of neutrophil chemotaxis by Plasmodium falciparum. Parasite Immunology, 2017, 39, e12433.	0.7	13
74	Staphylococcus saccharolyticus Isolated From Blood Cultures and Prosthetic Joint Infections Exhibits Excessive Genome Decay. Frontiers in Microbiology, 2019, 10, 478.	1.5	12
75	Genomic features of the Helicobacter pylori strain PMSS1 and its virulence attributes as deduced from its in vivo colonisation patterns. Molecular Microbiology, 2018, 110, 761-776.	1.2	11
76	Survival Strategies of Streptococcus pyogenes in Response to Phage Infection. Viruses, 2021, 13, 612.	1.5	11
77	Comparative Plasmodium gene overexpression reveals distinct perturbation of sporozoite transmission by profilin. Molecular Biology of the Cell, 2016, 27, 2234-2244.	0.9	9
78	Genetic characterization of an adapted pandemic 2009 H1N1 influenza virus that reveals improved replication rates in human lung epithelial cells. Virology, 2016, 492, 118-129.	1.1	8
79	Weaker protection against tuberculosis in BCG-vaccinated male 129 S2 mice compared to females. Vaccine, 2021, 39, 7253-7264.	1.7	8
80	Role of Premycofactocin Synthase in Growth, Microaerophilic Adaptation, and Metabolism of Mycobacterium tuberculosis. MBio, 2021, 12, e0166521.	1.8	7
81	Long-term effects of natural amino acids on infection with Chlamydia trachomatis. Microbial Pathogenesis, 2008, 44, 438-447.	1.3	5
82	Efficacy Testing of H56 cDNA Tattoo Immunization against Tuberculosis in a Mouse Model. Frontiers in Immunology, 2017, 8, 1744.	2.2	5
83	Immunofluorescent Detection of NET Components in Paraffin-Embedded Tissue. Methods in Molecular Biology, 2020, 2087, 415-424.	0.4	4
84	Polarization of MTIP is a signature of gliding locomotion in Plasmodium ookinetes and sporozoites. Molecular and Biochemical Parasitology, 2020, 235, 111247.	0.5	3
85	Entering the neutrophil trap. Nature Reviews Immunology, 2021, 21, 615-615.	10.6	3
86	Chapter 24 Infection at the Cellular Level. Methods in Cell Biology, 2008, 88, 477-496.	0.5	2
87	Response: Protecting against Aspergillus infection in CGD. Blood, 2009, 114, 3498-3498.	0.6	2
88	Identifying Activated T Cells in Reconstituted RAG Deficient Mice Using Retrovirally Transduced Pax5 Deficient Pro-B Cells. PLoS ONE, 2009, 4, e5115.	1.1	1
89	Wnt/Î²-catenin activity is essential to turn the epigenetic state to "ON" in salivary gland stem cells to create cancer stem cells. Journal of Stem Cells and Regenerative Medicine, 2010, 6, 134.	2.2	1
90	PS5:92â€...Clarification of the role of dnase 1 on the onset of systemic lupus erythematosus in a murine model. , 2018, , .		0

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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