

Frank Ebel

List of Publications by Year in descending order

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83
papers

5,083
citations

117571
34
h-index

91828
69
g-index

85
all docs

85
docs citations

85
times ranked

5285
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel proline-rich motif present in ActA of <i>Listeria monocytogenes</i> and cytoskeletal proteins is the ligand for the EVH1 domain, a protein module present in the Ena/VASP family. <i>EMBO Journal</i> , 1997, 16, 5433-5444.	3.5	372
2	C-terminal domains of <i>Listeria monocytogenes</i> bacteriophage murein hydrolases determine specific recognition and high-affinity binding to bacterial cell wall carbohydrates. <i>Molecular Microbiology</i> , 2002, 44, 335-349.	1.2	322
3	Structure and composition of the <i>Shigella flexneri</i> 'needle complex', a part of its type III secretion. <i>Molecular Microbiology</i> , 2001, 39, 652-663.	1.2	315
4	Toll-like receptor (TLR) 2 and TLR4 are essential for <i>Aspergillus</i> -induced activation of murine macrophages. <i>Cellular Microbiology</i> , 2003, 5, 561-570.	1.1	285
5	Phagocytosis of <i>Aspergillus fumigatus</i> conidia by murine macrophages involves recognition by the dectin-1 beta-glucan receptor and Toll-like receptor 2. <i>Cellular Microbiology</i> , 2007, 9, 368-381.	1.1	284
6	A focal adhesion factor directly linking intracellularly motile <i>Listeria monocytogenes</i> and <i>Listeria ivanovii</i> to the actin-based cytoskeleton of mammalian cells.. <i>EMBO Journal</i> , 1995, 14, 1314-1321.	3.5	246
7	NETs formed by human neutrophils inhibit growth of the pathogenic mold <i>Aspergillus fumigatus</i> . <i>Microbes and Infection</i> , 2010, 12, 928-936.	1.0	231
8	Antagonistic antibody prevents toll-like receptor 2-driven lethal shock-like syndromes. <i>Journal of Clinical Investigation</i> , 2004, 113, 1473-1481.	3.9	181
9	EspE, a novel secreted protein of attaching and effacing bacteria, is directly translocated into infected host cells, where it appears as a tyrosine-phosphorylated 90 kDa protein. <i>Molecular Microbiology</i> , 1998, 28, 463-474.	1.2	180
10	Initial binding of Shiga toxin-producing <i>Escherichia coli</i> to host cells and subsequent induction of actin rearrangements depend on filamentous EspA-containing surface appendages. <i>Molecular Microbiology</i> , 1998, 30, 147-161.	1.2	158
11	<i>Aspergillus fumigatus</i> : contours of an opportunistic human pathogen. <i>Cellular Microbiology</i> , 2010, 12, 1535-1543.	1.1	157
12	Fungal infections in animals: a patchwork of different situations. <i>Medical Mycology</i> , 2018, 56, S165-S187.	0.3	141
13	Extrapulmonary <i>Aspergillus</i> infection in patients with CARD9 deficiency. <i>JCI Insight</i> , 2016, 1, e89890.	2.3	141
14	Multiple Interactions between Pullulanase Secretion Components Involved in Stabilization and Cytoplasmic Membrane Association of PulE. <i>Journal of Bacteriology</i> , 2000, 182, 2142-2152.	1.0	123
15	Human NK Cells Display Important Antifungal Activity against <i>Aspergillus fumigatus</i> , Which Is Directly Mediated by IFN- γ Release. <i>Journal of Immunology</i> , 2011, 187, 1369-1376.	0.4	111
16	The Putative α -1,2-Mannosyltransferase AfMnt1 of the Opportunistic Fungal Pathogen <i>Aspergillus fumigatus</i> Is Required for Cell Wall Stability and Full Virulence. <i>Eukaryotic Cell</i> , 2008, 7, 1661-1673.	3.4	101
17	Lactoferrin Impairs Type III Secretory System Function in Enteropathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2003, 71, 5149-5155.	1.0	100
18	EspA filament-mediated protein translocation into red blood cells. <i>Cellular Microbiology</i> , 2001, 3, 213-222.	1.1	97

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19	Characterization of an exported protease from Shiga toxin-producing <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1997, 25, 771-784.	1.2	95
20	<i>Aspergillus fumigatus</i> devoid of cell wall β -1,3-glucan is viable, massively sheds galactomannan and is killed by septum formation inhibitors. <i>Molecular Microbiology</i> , 2015, 95, 458-471.	1.2	90
21	Temperature- and medium-dependent secretion of proteins by Shiga toxin-producing <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 1996, 64, 4472-4479.	1.0	89
22	Farnesol misplaces tip-localized Rho proteins and inhibits cell wall integrity signalling in <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2010, 76, 1191-1204.	1.2	76
23	Coiled-Coil Domain of Enteropathogenic <i>Escherichia coli</i> Type III Secreted Protein EspD Is Involved in EspA Filament-Mediated Cell Attachment and Hemolysis. <i>Infection and Immunity</i> , 2001, 69, 4055-4064.	1.0	69
24	Analysis of the regulation, expression, and localisation of the isocitrate lyase from <i>Aspergillus fumigatus</i> , a potential target for antifungal drug development. <i>Fungal Genetics and Biology</i> , 2006, 43, 476-489.	0.9	68
25	Characterization of SepL of Enterohemorrhagic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2000, 182, 6490-6498.	1.0	58
26	Role of Respiration in the Germination Process of the Pathogenic Mold <i>Aspergillus fumigatus</i> . <i>Current Microbiology</i> , 2007, 54, 354-360.	1.0	47
27	Analysis of the major proteins secreted by the human opportunistic pathogen <i>Aspergillus fumigatus</i> under in vitro conditions. <i>Medical Mycology</i> , 2005, 43, 623-630.	0.3	46
28	The Two-Component Sensor Kinase TcsC and Its Role in Stress Resistance of the Human-Pathogenic Mold <i>Aspergillus fumigatus</i> . <i>PLoS ONE</i> , 2012, 7, e38262.	1.1	46
29	Naturally occurring virulence-attenuated isolates of <i>Listeria monocytogenes</i> capable of inducing long term protection against infection by virulent strains of homologous and heterologous serotypes. <i>FEMS Immunology and Medical Microbiology</i> , 1994, 10, 1-9.	2.7	45
30	AfMkk2 is required for cell wall integrity signaling, adhesion, and full virulence of the human pathogen <i>Aspergillus fumigatus</i> . <i>International Journal of Medical Microbiology</i> , 2010, 300, 496-502.	1.5	45
31	Gangliosides: differentiation markers for murine T helper lymphocyte subpopulations TH1 and TH2. <i>Biochemistry</i> , 1992, 31, 12190-12197.	1.2	41
32	Pas, a Novel Protein Required for Protein Secretion and Attaching and Effacing Activities of Enterohemorrhagic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1998, 180, 4370-4379.	1.0	39
33	Approaching the Secrets of N-Glycosylation in <i>Aspergillus fumigatus</i> : Characterization of the AfOch1 Protein. <i>PLoS ONE</i> , 2010, 5, e15729.	1.1	39
34	Asp f6, an <i>Aspergillus</i> allergen specifically recognized by IgE from patients with allergic bronchopulmonary aspergillosis, is differentially expressed during germination. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 1430-1435.	2.7	37
35	Characterization of the major Woronin body protein HexA of the human pathogenic mold <i>Aspergillus fumigatus</i> . <i>International Journal of Medical Microbiology</i> , 2013, 303, 90-97.	1.5	36
36	The enterohemolysin phenotype of bovine Shiga-like toxin-producing <i>Escherichia coli</i> (SLTEC) is encoded by the EHEC-hemolysin gene. <i>Veterinary Microbiology</i> , 1996, 52, 153-164.	0.8	33

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37	Characterisation of the phagocytic uptake of <i>Aspergillus fumigatus</i> conidia by macrophages. <i>Microbes and Infection</i> , 2008, 10, 175-184.	1.0	33
38	<i>Woronin</i> bodies, their impact on stress resistance and virulence of the pathogenic mould <i>Aspergillus fumigatus</i> and their anchoring at the septal pore of filamentous <i>Ascomycota</i> . <i>Molecular Microbiology</i> , 2013, 89, 857-871.	1.2	33
39	Detection of early phase specific surface appendages during germination of <i>Aspergillus fumigatus</i> conidia. <i>FEMS Microbiology Letters</i> , 2002, 206, 99-105.	0.7	32
40	Hypoxia-inducible factor 1 α modulates metabolic activity and cytokine release in anti- <i>Aspergillus fumigatus</i> immune responses initiated by human dendritic cells. <i>International Journal of Medical Microbiology</i> , 2015, 305, 865-873.	1.5	32
41	Studies on galactofuranose-containing glycostructures of the pathogenic mold <i>Aspergillus fumigatus</i> . <i>International Journal of Medical Microbiology</i> , 2011, 301, 523-530.	1.5	30
42	Toll-like receptors: Recent advances, open questions and implications for aspergillosis control. <i>Medical Mycology</i> , 2006, 44, 219-227.	0.3	25
43	The <i>mitA</i> gene of <i>Aspergillus fumigatus</i> is required for mannosylation of inositol-phosphorylceramide, but is dispensable for pathogenicity. <i>Fungal Genetics and Biology</i> , 2010, 47, 169-178.	0.9	24
44	Monoclonal Antibodies as Tools to Combat Fungal Infections. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 22.	1.5	24
45	Immunoproteomics of <i>Aspergillus</i> for the development of biomarkers and immunotherapies. <i>Proteomics - Clinical Applications</i> , 2016, 10, 910-921.	0.8	22
46	Small GTP-binding proteins of the Rho- and Ras-subfamilies are not involved in the actin rearrangements induced by attaching and effacing <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1998, 163, 107-112.	0.7	19
47	Characterisation of the CipC-like protein AFUA_5G09330 of the opportunistic human pathogenic mould <i>Aspergillus fumigatus</i> . <i>Mycoses</i> , 2009, 53, 296-304.	1.8	17
48	Characterization of the <i>Aspergillus fumigatus</i> chitosanase CsnB and evaluation of its potential use in serological diagnostics. <i>International Journal of Medical Microbiology</i> , 2014, 304, 696-702.	1.5	17
49	Monoclonal Antibody AP3 Binds Galactomannan Antigens Displayed by the Pathogens <i>Aspergillus flavus</i> , <i>A. fumigatus</i> , and <i>A. parasiticus</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 234.	1.8	17
50	Intimin from Shiga toxin-producing <i>Escherichia coli</i> and its isolated C-terminal domain exhibit different binding properties for Tir and a eukaryotic surface receptor. <i>International Journal of Medical Microbiology</i> , 2001, 290, 683-691.	1.5	15
51	Immune Responses of Human Immature Dendritic Cells Can Be Modulated by the Recombinant <i>Aspergillus fumigatus</i> Antigen Asp1. <i>Vaccine Journal</i> , 2009, 16, 1485-1492.	3.2	15
52	Quantification of phagocytosis of <i>Aspergillus</i> conidia by macrophages using a novel antibody-independent assay. <i>Journal of Microbiological Methods</i> , 2006, 66, 170-173.	0.7	14
53	The actin-based motility of intracellular <i>Listeria monocytogenes</i> not controlled by small GTP-binding proteins of the Rho- and Ras-subfamilies. <i>FEMS Microbiology Letters</i> , 1999, 176, 117-124.	0.7	11
54	Agents that activate the High Osmolarity Glycerol pathway as a means to combat pathogenic molds. <i>International Journal of Medical Microbiology</i> , 2016, 306, 642-651.	1.5	11

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55	The response regulator Skn7 of <i>Aspergillus fumigatus</i> is essential for the antifungal effect of fludioxonil. <i>Scientific Reports</i> , 2021, 11, 5317.	1.6	11
56	Lah is a transmembrane protein and requires Spa10 for stable positioning of Woronin bodies at the septal pore of <i>Aspergillus fumigatus</i> . <i>Scientific Reports</i> , 2017, 7, 44179.	1.6	10
57	Validation of a simplified in vitro Transwell® model of the alveolar surface to assess host immunity induced by different morphotypes of <i>Aspergillus fumigatus</i> . <i>International Journal of Medical Microbiology</i> , 2018, 308, 1009-1017.	1.5	10
58	Identification of the Mouse Helper T Lymphocyte Differentiation Antigen 3G11 as the Ganglioside IV3(NeuAc)2-GgOse4Cer. <i>Biochemical and Biophysical Research Communications</i> , 1994, 200, 1557-1563.	1.0	9
59	Distinct galactofuranose antigens in the cell wall and culture supernatants as a means to differentiate <i>Fusarium</i> from <i>Aspergillus</i> species. <i>International Journal of Medical Microbiology</i> , 2016, 306, 381-390.	1.5	9
60	Development of a Simple and Robust Whole Blood Assay with Dual Co-Stimulation to Quantify the Release of T-Cellular Signature Cytokines in Response to <i>Aspergillus fumigatus</i> Antigens. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 462.	1.5	9
61	Functional characterization of the Woronin body protein WscA of the pathogenic mold <i>Aspergillus fumigatus</i> . <i>International Journal of Medical Microbiology</i> , 2016, 306, 165-173.	1.5	8
62	Modulation of host cell signalling by enteropathogenic and Shiga toxin-producing <i>Escherichia coli</i> . <i>International Journal of Medical Microbiology</i> , 2001, 291, 277-285.	1.5	7
63	Molecular characterization of <i>Aspergillus fumigatus</i> TcsC, a characteristic type III hybrid histidine kinase of filamentous fungi harboring six HAMP domains. <i>International Journal of Medical Microbiology</i> , 2017, 307, 200-208.	1.5	7
64	Occurrence of type A, B and D trichothecenes, zearalenone and stachybotrylactam in straw. <i>Archives of Animal Nutrition</i> , 2021, 75, 105-120.	0.9	7
65	Antifungal Use in Veterinary Practice and Emergence of Resistance. , 2018, , 359-402.		6
66	Chronic Occupational Mold Exposure Drives Expansion of <i>Aspergillus</i> -Reactive Type 1 and Type 2 T-Helper Cell Responses. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 698.	1.5	6
67	Generation of Monoclonal Antibodies Against Secreted Proteins of STEC. , 2003, 73, 125-136.		5
68	Gut proteases target <i>Yersinia</i> invasin in vivo. <i>BMC Research Notes</i> , 2011, 4, 129.	0.6	5
69	Functional comparison of the group III hybrid histidine kinases TcsC of <i>Aspergillus fumigatus</i> and NikA of <i>Aspergillus nidulans</i> . <i>Medical Mycology</i> , 2020, 58, 362-371.	0.3	5
70	Interferon- γ (IFN- γ) Mediates a Direct Fungicidal Effect of Human Natural Killer (NK) Cells Against <i>Aspergillus Fumigatus</i> . <i>Blood</i> , 2010, 116, 2779-2779.	0.6	5
71	Size matters – how the immune system deals with fungal hyphae. <i>Microbes and Infection</i> , 2018, 20, 521-525.	1.0	4
72	Galactofuranose (Galf)-containing sugar chain contributes to the hyphal growth, conidiation and virulence of <i>F. oxysporum</i> f.sp. <i>cucumerinum</i> . <i>PLoS ONE</i> , 2021, 16, e0250064.	1.1	4

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73	Tape mount immunostaining: a versatile method for immunofluorescence analysis of fungi. Future Microbiology, 2019, 14, 275-282.	1.0	3
74	Ypd1 Is an Essential Protein of the Major Fungal Pathogen <i>Aspergillus fumigatus</i> and a Key Element in the Phosphorelay That Is Targeted by the Antifungal Drug Fludioxonil. Frontiers in Fungal Biology, 2021, 2, .	0.9	3
75	Small GTP-binding proteins of the Rho- and Ras-subfamilies are not involved in the actin rearrangements induced by attaching and effacing <i>Escherichia coli</i> . FEMS Microbiology Letters, 1998, 163, 107-112.	0.7	2
76	The actin-based motility of intracellular <i>Listeria monocytogenes</i> is not controlled by small GTP-binding proteins of the Rho- and Ras-subfamilies. FEMS Microbiology Letters, 1999, 176, 117-124.	0.7	2
77	Characterization of <i>Aspergillus terreus</i> Accessory Conidia and Their Interactions With Murine Macrophages. Frontiers in Microbiology, 0, 13, .	1.5	2
78	Functional modulation of pathogenic bacteria upon contact with host target cells. , 2002, , 203-220.		1
79	Detection of early phase specific surface appendages during germination of <i>Aspergillus fumigatus</i> conidia. FEMS Microbiology Letters, 2002, 206, 99-105.	0.7	1
80	The Evolution of the Satratoxin and Atranone Gene Clusters of <i>Stachybotrys chartarum</i> . Journal of Fungi (Basel, Switzerland), 2022, 8, 340.	1.5	1
81	Cellular Microbiology of STEC Infections: An Overview. , 2003, 73, 91-98.		0
82	Toll-Like Receptors and Fungal Recognition. , 2008, , 243-261.		0
83	Back cover: Immunoproteomics of <i>Aspergillus</i> for the development of biomarkers and immunotherapies. Proteomics - Clinical Applications, 2016, 10, NA-NA.	0.8	0