

Antje Flieger

List of Publications by Year in descending order

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87
papers

3,184
citations

117625

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docs citations

94
times ranked

3408
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Sphingomyelinases and Phospholipases as Virulence Factors. <i>Microbiology and Molecular Biology Reviews</i> , 2016, 80, 597-628.	6.6	169
2	Patatin-like proteins: a new family of lipolytic enzymes present in bacteria?. <i>Microbiology (United Kingdom)</i> 150, 1073-1083.	1.8	128
3	NAIP and Ipaf Control <i>Legionella pneumophila</i> Replication in Human Cells. <i>Journal of Immunology</i> , 2008, 180, 6808-6815.	0.8	120
4	<i>Legionella pneumophila</i> Induces IFN γ in Lung Epithelial Cells via IPS-1 and IRF3, Which Also Control Bacterial Replication. <i>Journal of Biological Chemistry</i> , 2006, 281, 36173-36179.	3.4	118
5	Characterization of the Gene Encoding the Major Secreted Lysophospholipase A of <i>Legionella pneumophila</i> and Its Role in Detoxification of Lysophosphatidylcholine. <i>Infection and Immunity</i> , 2002, 70, 6094-6106.	2.2	100
6	Automated Pipeline for Purification, Biophysical and X-Ray Analysis of Biomacromolecular Solutions. <i>Scientific Reports</i> , 2015, 5, 10734.	3.3	99
7	EHEC/EAEC O104:H4 strain linked with the 2011 German outbreak of haemolytic uremic syndrome enters into the viable but non-culturable state in response to various stresses and resuscitates upon stress relief. <i>Environmental Microbiology</i> , 2011, 13, 3139-3148.	3.8	96
8	Secreted Enzymatic Activities of Wild-Type and pilD-Deficient <i>Legionella pneumophila</i> . <i>Infection and Immunity</i> , 2000, 68, 1855-1863.	2.2	88
9	Histone Acetylation and Flagellin Are Essential for <i>Legionella pneumophila</i> -Induced Cytokine Expression. <i>Journal of Immunology</i> , 2008, 181, 940-947.	0.8	84
10	icmT Is Essential for Pore Formation-Mediated Egress of <i>Legionella pneumophila</i> from Mammalian and Protozoan Cells. <i>Infection and Immunity</i> , 2002, 70, 69-78.	2.2	77
11	IFN γ responses induced by intracellular bacteria or cytosolic DNA in different human cells do not require ZBP1 (DLM-1/DAI). <i>Cellular Microbiology</i> , 2008, 10, 2579-2588.	2.1	76
12	Characterization of the Major Secreted Zinc Metalloprotease-Dependent Glycerophospholipid:Cholesterol Acyltransferase, PlaC, of <i>Legionella pneumophila</i> . <i>Infection and Immunity</i> , 2005, 73, 2899-2909.	2.2	74
13	Cloning and Characterization of the Gene Encoding the Major Cell-Associated Phospholipase A of <i>Legionella pneumophila</i> , plaB, Exhibiting Hemolytic Activity. <i>Infection and Immunity</i> , 2004, 72, 2648-2658.	2.2	66
14	Evaluation of WGS based approaches for investigating a food-borne outbreak caused by <i>Salmonella enterica</i> serovar Derby in Germany. <i>Food Microbiology</i> , 2018, 71, 46-54.	4.2	64
15	Novel Lysophospholipase A Secreted by <i>Legionella pneumophila</i> . <i>Journal of Bacteriology</i> , 2001, 183, 2121-2124.	2.2	62
16	Temporal resolution of two-tracked NF- κ B activation by <i>Legionella pneumophila</i> . <i>Cellular Microbiology</i> , 2009, 11, 1638-1651.	2.1	62
17	Whole-Genome Sequencing of Recent <i>Listeria monocytogenes</i> Isolates from Germany Reveals Population Structure and Disease Clusters. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	61
18	DivIVA affects secretion of virulence-related autolysins in <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 2012, 83, 821-839.	2.5	58

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19	The manifold phospholipases A of <i>Legionella pneumophila</i> – Identification, export, regulation, and their link to bacterial virulence. <i>International Journal of Medical Microbiology</i> , 2008, 298, 169-181.	3.6	56
20	Pathways of host cell exit by intracellular pathogens. <i>Microbial Cell</i> , 2018, 5, 525-544.	3.2	56
21	The <i>Legionella pneumophila</i> Dot/Icm-secreted Effector PlcC/CegC1 Together with PlcA and PlcB Promotes Virulence and Belongs to a Novel Zinc Metallophospholipase C Family Present in Bacteria and Fungi. <i>Journal of Biological Chemistry</i> , 2013, 288, 11080-11092.	3.4	50
22	Molecular Tracing to Find Source of Protracted Invasive Listeriosis Outbreak, Southern Germany, 2012–2016. <i>Emerging Infectious Diseases</i> , 2017, 23, 1680-1683.	4.3	47
23	<i>Balamuthia mandrillaris</i> , Free-Living Ameba and Opportunistic Agent of Encephalitis, Is a Potential Host for <i>Legionella pneumophila</i> Bacteria. <i>Applied and Environmental Microbiology</i> , 2005, 71, 2244-2249.	3.1	46
24	Molecular epidemiological view on Shiga toxin-producing <i>Escherichia coli</i> causing human disease in Germany: Diversity, prevalence, and outbreaks. <i>International Journal of Medical Microbiology</i> , 2015, 305, 697-704.	3.6	46
25	Phospholipase A secreted by <i>Legionella pneumophila</i> destroys alveolar surfactant phospholipids. <i>FEMS Microbiology Letters</i> , 2000, 188, 129-133.	1.8	45
26	Induction of human β -defensin-2 in pulmonary epithelial cells by <i>Legionella pneumophila</i> : involvement of TLR2 and TLR5, p38 MAPK, JNK, NF- κ B, and AP-1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 298, L687-L695.	2.9	45
27	Novel Phospholipase A Activity Secreted by <i>Legionella</i> Species. <i>Journal of Bacteriology</i> , 2000, 182, 1321-1327.	2.2	44
28	<i>Legionella pneumophila</i> Effector LpdA Is a Palmitoylated Phospholipase D Virulence Factor. <i>Infection and Immunity</i> , 2015, 83, 3989-4002.	2.2	42
29	Outbreaks of virulent diarrheagenic <i>Escherichia coli</i> - are we in control?. <i>BMC Medicine</i> , 2012, 10, 11.	5.5	40
30	Large Nationwide Outbreak of Invasive Listeriosis Associated with Blood Sausage, Germany, 2018–2019. <i>Emerging Infectious Diseases</i> , 2020, 26, 1456-1464.	4.3	40
31	Phospholipase PlaB is a new virulence factor of <i>Legionella pneumophila</i> . <i>International Journal of Medical Microbiology</i> , 2010, 300, 313-323.	3.6	39
32	Characterisation of <i>Legionella pneumophila</i> phospholipases and their impact on host cells. <i>European Journal of Cell Biology</i> , 2011, 90, 903-912.	3.6	39
33	Two Novel EHEC/EAEC Hybrid Strains Isolated from Human Infections. <i>PLoS ONE</i> , 2014, 9, e95379.	2.5	39
34	Genome-based <i>Salmonella</i> serotyping as the new gold standard. <i>Scientific Reports</i> , 2020, 10, 4333.	3.3	37
35	<i>Legionella pneumophila</i> -induced PKC δ , MAPK-, and NF- κ B-dependent COX-2 expression in human lung epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L267-L277.	2.9	36
36	Phospholipases during membrane dynamics in malaria parasites. <i>International Journal of Medical Microbiology</i> , 2018, 308, 129-141.	3.6	36

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37	Shiga toxin-producing <i>Escherichia coli</i> O103:H2 outbreak in Germany after school trip to Austria due to raw cow milk, 2017 – The important role of international collaboration for outbreak investigations. <i>International Journal of Medical Microbiology</i> , 2018, 308, 539-544.	3.6	35
38	Phospholipase PlaB of <i>Legionella pneumophila</i> Represents a Novel Lipase Family. <i>Journal of Biological Chemistry</i> , 2009, 284, 27185-27194.	3.4	34
39	The Global Regulatory Proteins LetA and RpoS Control Phospholipase A, Lysophospholipase A, Acyltransferase, and Other Hydrolytic Activities of <i>Legionella pneumophila</i> JR32. <i>Journal of Bacteriology</i> , 2006, 188, 1218-1226.	2.2	31
40	Critical evaluation of p-nitrophenylphosphorylcholine (p-NPPC) as artificial substrate for the detection of phospholipase C α . <i>Enzyme and Microbial Technology</i> , 2000, 26, 451-458.	3.2	29
41	Characterisation of multidrug-resistant <i>Salmonella</i> Typhimurium 4,[5],12:i:- DT193 strains carrying a novel genomic island adjacent to the thrW tRNA locus. <i>International Journal of Medical Microbiology</i> , 2010, 300, 279-288.	3.6	28
42	Secreted phospholipases of the lung pathogen <i>Legionella pneumophila</i> . <i>International Journal of Medical Microbiology</i> , 2018, 308, 168-175.	3.6	28
43	Life Stage-specific Proteomes of <i>Legionella pneumophila</i> Reveal a Highly Differential Abundance of Virulence-associated Dot/Icm effectors. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 177-200.	3.8	27
44	Backtracking and forward checking of human listeriosis clusters identified a multiclonal outbreak linked to <i>Listeria monocytogenes</i> in meat products of a single producer. <i>Emerging Microbes and Infections</i> , 2020, 9, 1600-1608.	6.5	27
45	A transferable plasticity region in <i>Campylobacter coli</i> allows isolates of an otherwise non-glycolytic food-borne pathogen to catabolize glucose. <i>Molecular Microbiology</i> , 2015, 98, 809-830.	2.5	26
46	Whole-Genome-Based Public Health Surveillance of Less Common Shiga Toxin-Producing <i>Escherichia coli</i> Serovars and Untypeable Strains Identifies Four Novel O Genotypes. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	25
47	Nationwide outbreak of invasive listeriosis associated with consumption of meat products in health care facilities, Germany, 2014–2019. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1035.e1-1035.e5.	6.0	25
48	Zinc Metalloproteinase ProA Directly Activates <i>Legionella pneumophila</i> PlaC Glycerophospholipid:cholesterol Acyltransferase. <i>Journal of Biological Chemistry</i> , 2012, 287, 23464-23478.	3.4	24
49	A Systematic Proteomic Analysis of <i>Listeria monocytogenes</i> House-keeping Protein Secretion Systems. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3063-3081.	3.8	23
50	Ongoing High Incidence and Case-Fatality Rates for Invasive Listeriosis, Germany, 2010–2019. <i>Emerging Infectious Diseases</i> , 2021, 27, 2485-2488.	4.3	22
51	Novel type of pilus associated with a Shiga-toxigenic <i>E. coli</i> hybrid pathovar conveys aggregative adherence and bacterial virulence. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-16.	6.5	21
52	A patatin-like phospholipase functions during gametocyte induction in the malaria parasite <i>Plasmodium falciparum</i> . <i>Cellular Microbiology</i> , 2020, 22, e13146.	2.1	21
53	Quorum sensing governs a transmissible <i>Legionella</i> subpopulation at the pathogen vacuole periphery. <i>EMBO Reports</i> , 2021, 22, e52972.	4.5	21
54	A <i>Listeria monocytogenes</i> ST2 clone lacking chitinase ChiB from an outbreak of non-invasive gastroenteritis. <i>Emerging Microbes and Infections</i> , 2019, 8, 17-28.	6.5	20

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55	Carrier Prevalence, Secondary Household Transmission, and Long-Term Shedding in 2 Districts During the Escherichia coli O104:H4 Outbreak in Germany, 2011. Journal of Infectious Diseases, 2013, 207, 432-438.	4.0	19
56	<i>glnA</i> Truncation in Salmonella enterica Results in a Small Colony Variant Phenotype, Attenuated Host Cell Entry, and Reduced Expression of Flagellin and SPI-1-Associated Effector Genes. Applied and Environmental Microbiology, 2018, 84, .	3.1	19
57	Identification of Antibiotics That Diminish Disease in a Murine Model of Enterohemorrhagic Escherichia coli Infection. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	19
58	Prevalence, serovars, phage types, and antibiotic susceptibilities of Salmonella strains isolated from animals in the United Arab Emirates from 1996 to 2009. Tropical Animal Health and Production, 2012, 44, 1725-1738.	1.4	18
59	Population structure-guided profiling of antibiotic resistance patterns in clinical <i>Listeria monocytogenes</i> isolates from Germany identifies <i>pbpB3</i> alleles associated with low levels of cephalosporin resistance. Emerging Microbes and Infections, 2020, 9, 1804-1813.	6.5	18
60	Genome-wide insights into population structure and host specificity of Campylobacter jejuni. Scientific Reports, 2021, 11, 10358.	3.3	18
61	Paracoccus contaminans sp. nov., isolated from a contaminated water microcosm. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5101-5105.	1.7	18
62	Legionella Phospholipases Implicated in Virulence. Current Topics in Microbiology and Immunology, 2013, 376, 175-209.	1.1	17
63	Legionella pneumophila induces human beta Defensin-3 in pulmonary cells. Respiratory Research, 2010, 11, 93.	3.6	16
64	Oligomerization Inhibits Legionella pneumophila PlaB Phospholipase A Activity. Journal of Biological Chemistry, 2014, 289, 18657-18666.	3.4	16
65	Toward an Integrated Genome-Based Surveillance of Salmonella enterica in Germany. Frontiers in Microbiology, 2021, 12, 626941.	3.5	16
66	In vitro secretion kinetics of proteins from Legionella pneumophila in comparison to proteins from non-pneumophila species. Microbiology (United Kingdom), 2001, 147, 3127-3134.	1.8	16
67	Ongoing haemolytic uraemic syndrome (HUS) outbreak caused by sorbitol-fermenting (SF) Shiga toxin-producing Escherichia coli (STEC) O157, Germany, December 2016 to May 2017. Eurosurveillance, 2017, 22, .	7.0	15
68	Salmonellosis outbreak with novel Salmonella enterica subspecies enterica serotype (11:z41:e,n,z15) attributable to sesame products in five European countries, 2016 to 2017. Eurosurveillance, 2019, 24, .	7.0	15
69	Invasive listeriosis outbreaks and salmon products: a genomic, epidemiological study. Emerging Microbes and Infections, 2022, 11, 1308-1315.	6.5	15
70	Comparative Genomic Analysis of Two Novel Sporadic Shiga Toxin-Producing Escherichia coli O104:H4 Strains Isolated 2011 in Germany. PLoS ONE, 2015, 10, e0122074.	2.5	14
71	Genome Sequence of Paracoccus contaminans LMG 29738 T, Isolated from a Water Microcosm. Genome Announcements, 2017, 5, .	0.8	12
72	Disulfide loop cleavage of Legionella pneumophila PlaA boosts lysophospholipase A activity. Scientific Reports, 2017, 7, 16313.	3.3	11

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73	Third generation cephalosporin resistance in clinical non-typhoidal <i>Salmonella enterica</i> in Germany and emergence of bla CTX-M-harboring pESI plasmids. <i>Microbial Genomics</i> , 2021, 7, .	2.0	11
74	Complete Genome Sequence of <i>Salmonella enterica</i> subsp. <i>diarizonae</i> Serovar 61:k:1,5,(7) Strain 14-SA00836-0, Isolated from Human Urine. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	6
75	Rabbit monoclonal antibodies directed at the T3SS effector protein YopM identify human pathogenic <i>Yersinia</i> isolates. <i>International Journal of Medical Microbiology</i> , 2014, 304, 444-451.	3.6	4
76	Complete Genome Sequences of Three Clinical <i>Listeria monocytogenes</i> Sequence Type 8 Strains from Recent German Listeriosis Outbreaks. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	3
77	NAD(H)-mediated tetramerization controls the activity of <i>Legionella pneumophila</i> phospholipase PlaB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	3
78	Reply to Guy et al.: Support for a bottleneck in the 2011 <i>Escherichia coli</i> O104:H4 outbreak in Germany. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3629-E3630.	7.1	2
79	Comparative genomics of <i>Salmonella enterica</i> subsp. <i>diarizonae</i> serovar 61:k:1,5,(7) reveals lineage-specific host adaptation of ST432. <i>Microbial Genomics</i> , 2021, 7, .	2.0	2
80	<i>Legionella</i> Phospholipases Implicated in Infection: Determination of Enzymatic Activities. <i>Methods in Molecular Biology</i> , 2013, 954, 355-365.	0.9	2
81	Closed Genome Sequences of Clinical <i>Listeria monocytogenes</i> PCR Serogroup IV/b Isolates Associated with Two Recent Large Listeriosis Outbreaks in Germany. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	1
82	Characterization of GDSL-Hydrolases of the Lung Pathogen <i>Legionella pneumophila</i> . , 0, , 238-241.		1
83	Loss of a Patatin-Like Phospholipase A Causes Reduced Infectivity of <i>Legionella Pneumophila</i> in Amoeba and Macrophage Infection Models. , 0, , 199-202.		0
84	Phospholipases A of <i>Legionella pneumophila</i> : Virulence Factors by Diversity?. , 0, , 228-231.		0
85	In Vitro Secretion Kinetics of <i>Legionella pneumophila</i> Compared with Those of Non- <i>L. pneumophila</i> Species. , 0, , 27-30.		0
86	<i>Legionella pneumophila</i> Secretes Different Phospholipases A. , 0, , 22-26.		0
87	Identification and Characterization of <i>Legionella pneumophila</i> Phospholipases A. , 0, , 232-237.		0