

Gottfried Wilharm

List of Publications by Year in descending order

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61
papers

1,743
citations

331670

21
h-index

302126

39
g-index

66
all docs

66
docs citations

66
times ranked

2013
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular characterization of bla _{NDM-1} in an <i>Acinetobacter baumannii</i> strain isolated in Germany in 2007. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1998-2001.	3.0	192
2	DNA Uptake by the Nosocomial Pathogen <i>Acinetobacter baumannii</i> Occurs during Movement along Wet Surfaces. <i>Journal of Bacteriology</i> , 2013, 195, 4146-4153.	2.2	118
3	<i>Yersinia enterocolitica</i> Type III Secretion Depends on the Proton Motive Force but Not on the Flagellar Motor Components MotA and MotB. <i>Infection and Immunity</i> , 2004, 72, 4004-4009.	2.2	100
4	Surface-associated motility, a common trait of clinical isolates of <i>Acinetobacter baumannii</i> , depends on 1,3-diaminopropane. <i>International Journal of Medical Microbiology</i> , 2012, 302, 117-128.	3.6	82
5	Impact of <i>Acinetobacter baumannii</i> Superoxide Dismutase on Motility, Virulence, Oxidative Stress Resistance and Susceptibility to Antibiotics. <i>PLoS ONE</i> , 2014, 9, e101033.	2.5	79
6	Structure and Biosynthesis of Fimbractins Aâ€“F, Siderophores from <i>Acinetobacter baumannii</i> and <i>Acinetobacter baylyi</i> . <i>ChemBioChem</i> , 2013, 14, 633-638.	2.6	72
7	Relatedness of wildlife and livestock avian isolates of the nosocomial pathogen <i>Acinetobacter baumannii</i> to lineages spread in hospitals worldwide. <i>Environmental Microbiology</i> , 2017, 19, 4349-4364.	3.8	64
8	Characterization of YopT Effects on Rho GTPases in <i>Yersinia enterocolitica</i> -infected Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 33217-33223.	3.4	62
9	Monitoring Polycyclic Aromatic Hydrocarbon Metabolites in Human Urine: Extraction and Purification with a Solâ“Gel Glass Immunosorbent. <i>Analytical Chemistry</i> , 2001, 73, 5669-5676.	6.5	54
10	Localization of the Active Site of HIV-1 Reverse Transcriptase-associated RNase H Domain on a DNA Template Using Site-specific Generated Hydroxyl Radicals. <i>Journal of Biological Chemistry</i> , 1998, 273, 10139-10146.	3.4	52
11	Temporal Coordination between Initiation of HIV (+)-Strand DNA Synthesis and Primer Removal. <i>Journal of Biological Chemistry</i> , 1999, 274, 11159-11169.	3.4	52
12	<i>Parendoziomonas haliclona</i> gen. nov. sp. nov. isolated from a marine sponge of the genus <i>Haliclona</i> and description of the family <i>Endoziomonadaceae</i> fam. nov. comprising the genera <i>Endoziomonas</i> , <i>Parendoziomonas</i> , and <i>Kistimonas</i> . <i>Systematic and Applied Microbiology</i> , 2018, 41, 73-84.	2.8	48
13	Analysis of chaperone-dependent Yop secretion/translocation and effector function using a mini-virulence plasmid of <i>Yersinia enterocolitica</i> . <i>International Journal of Medical Microbiology</i> , 2003, 293, 167-177.	3.6	45
14	<i>Chryseobacterium gallinarum</i> sp. nov., isolated from a chicken, and <i>Chryseobacterium contaminans</i> sp. nov., isolated as a contaminant from a rhizosphere sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1419-1427.	1.7	45
15	On the role of specific chaperones, the specific ATPase, and the proton motive force in type III secretion. <i>International Journal of Medical Microbiology</i> , 2007, 297, 27-36.	3.6	40
16	A simple and rapid method of bacterial transformation. <i>Journal of Microbiological Methods</i> , 2010, 80, 215-216.	1.6	37
17	Crystal Structure of the <i>Yersinia enterocolitica</i> Type III Secretion Chaperone SycT. <i>Journal of Biological Chemistry</i> , 2005, 280, 31149-31155.	3.4	30
18	The weak interaction of LcrV and TLR2 does not contribute to the virulence of <i>Yersinia pestis</i> . <i>Microbes and Infection</i> , 2007, 9, 997-1002.	1.9	30

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19	Fluorescence-Based Detection of Natural Transformation in Drug-Resistant <i>Acinetobacter baumannii</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	29
20	<i>Paenochrobactrum pullorum</i> sp. nov. isolated from a chicken. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1724-1728.	1.7	26
21	Analysis of Endothelial Adherence of <i>Bartonella henselae</i> and <i>Acinetobacter baumannii</i> Using a Dynamic Human <i>in vivo</i> Infection Model. <i>Infection and Immunity</i> , 2016, 84, 711-722.	2.2	25
22	<i>Acinetobacter equi</i> sp. nov., isolated from horse faeces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 881-888.	1.7	25
23	Clonal Transmission of Gram-Negative Bacteria with Carbapenemases NDM-1, VIM-1, and OXA-23/72 in a Bulgarian Hospital. <i>Microbial Drug Resistance</i> , 2017, 23, 301-307.	2.0	24
24	<i>Gemmobacter intermedius</i> sp. nov., isolated from a white stork (<i>Ciconia ciconia</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 778-783.	1.7	22
25	<i>Orbus hercynius</i> gen. nov., sp. nov., isolated from faeces of wild boar, is most closely related to members of the orders <i>Enterobacteriales</i> ™ and <i>Pasteurellales</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2601-2605.	1.7	21
26	Phenolic acids potentiate colistin-mediated killing of <i>Acinetobacter baumannii</i> by inducing redox imbalance. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 737-744.	5.6	21
27	Novel Genes Required for Surface-Associated Motility in <i>Acinetobacter baumannii</i> . <i>Current Microbiology</i> , 2021, 78, 1509-1528.	2.2	21
28	<i>Yersinia enterocolitica</i> YopQ: strain-dependent cytosolic accumulation and post-translational secretion The GenBank/EMBL accession numbers for the sequences reported in this paper are AJ421529 [yopQ gene fragment from <i>Y. enterocolitica</i> WA-314 (O:8)] and AJ421530 [yopQ gene fragment from <i>Y. enterocolitica</i> Y-108-P (O:3)]. <i>Microbiology (United Kingdom)</i> , 2002, 148, 1457-1465.	1.8	20
29	<i>Acinetobacter baumannii</i> in manure and anaerobic digestates of German biogas plants. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	19
30	Interrelationship between type three secretion system and metabolism in pathogenic bacteria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 150.	3.9	18
31	Contributions of ferric uptake regulator Fur to the sensitivity and oxidative response of <i>Acinetobacter baumannii</i> to antibiotics. <i>Microbial Pathogenesis</i> , 2018, 119, 35-41.	2.9	18
32	<i>Yersinia enterocolitica</i> type III secretion chaperone SycD: Recombinant expression, purification and characterization of a homodimer. <i>Protein Expression and Purification</i> , 2006, 49, 176-182.	1.3	17
33	Cross-talk between Type Three Secretion System and Metabolism in <i>Yersinia</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 12165-12177.	3.4	17
34	<i>Yersinia enterocolitica</i> type III secretion: evidence for the ability to transport proteins that are folded prior to secretion. <i>BMC Microbiology</i> , 2004, 4, 27.	3.3	15
35	Contributions of RecA and RecBCD DNA repair pathways to the oxidative stress response and sensitivity of <i>Acinetobacter baumannii</i> to antibiotics. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 629-636.	2.5	15
36	<i>Comamonas aquatilis</i> sp. nov., isolated from a garden pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1210-1214.	1.7	15

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37	<i>Psychrobacter ciconiae</i> sp. nov., isolated from white storks (<i>Ciconia ciconia</i>). International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 772-777.	1.7	14
38	Isolation of <i>Acinetobacter radioresistens</i> from a clinical sample in Bulgaria. Journal of Global Antimicrobial Resistance, 2016, 4, 57-59.	2.2	14
39	Recombinant <i>Yersinia enterocolitica</i> YscM1 and YscM2: homodimer formation and susceptibility to thrombin cleavage. Protein Expression and Purification, 2003, 31, 167-172.	1.3	12
40	<i>Acinetobacter stercoris</i> sp. nov. isolated from output source of a mesophilic german biogas plant with anaerobic operating conditions. Antonie Van Leeuwenhoek, 2021, 114, 235-251.	1.7	12
41	<i>Corynebacterium pelargi</i> sp. nov., isolated from the trachea of white stork nestlings. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1415-1420.	1.7	12
42	Description of <i>Corynebacterium trachiae</i> sp. nov., isolated from a white stork (<i>Ciconia ciconia</i>). International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 784-788.	1.7	11
43	Recombinant production of A1S_0222 from <i>Acinetobacter baumannii</i> ATCC 17978 and confirmation of its DNA-(adenine N6)-methyltransferase activity. Protein Expression and Purification, 2018, 151, 78-85.	1.3	11
44	Evolutionarily stable gene clusters shed light on the common grounds of pathogenicity in the <i>Acinetobacter calcoaceticus</i> - <i>baumannii</i> complex. PLoS Genetics, 2022, 18, e1010020.	3.5	10
45	Adding to <i>Yersinia enterocolitica</i> Gene Pool Diversity: Two Cryptic Plasmids from a Biotype 1A Isolate. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-10.	3.0	8
46	The status of the genus <i>Prolinoborus</i> (Pot et al. 1992) and the species <i>Prolinoborus fasciculus</i> (Pot et al.) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.7	8
47	The <i>Yersinia enterocolitica</i> type three secretion chaperone SycO is integrated into the Yop regulatory network and binds to the Yop secretion protein YscM1. BMC Microbiology, 2007, 7, 67.	3.3	7
48	Low Occurrence of <i>Acinetobacter baumannii</i> in Gulls and Songbirds. Polish Journal of Microbiology, 2020, 69, 85-90.	1.7	7
49	Mini-TnhlyAs: a new tool for the construction of secreted fusion proteins. Molecular Genetics and Genomics, 1996, 252, 266-274.	2.4	6
50	<i>Yersinia enterocolitica</i> type III secretion chaperone SycH. Recombinant expression, purification, characterisation, and crystallisation. Protein Expression and Purification, 2004, 35, 237-247.	1.3	6
51	Recombinant production of <i>Yersinia enterocolitica</i> pyruvate kinase isoenzymes PykA and PykF. Protein Expression and Purification, 2013, 88, 243-247.	1.3	6
52	Methods for Natural Transformation in <i>Acinetobacter baumannii</i> . Methods in Molecular Biology, 2019, 1946, 75-85.	0.9	6
53	Effect of <i>Escherichia coli</i> Chaperonin GroELS on Heterologously Expressed Human Immunodeficiency Virus Type 1 Reverse Transcriptase In Vivo and In Vitro. Applied Biochemistry and Biotechnology, 2000, 87, 103-116.	2.9	4
54	Hatchery workers' IgG antibody profiles to airborne bacteria. International Journal of Hygiene and Environmental Health, 2017, 220, 431-439.	4.3	4

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55	Complete Genome Sequence of <i>Acinetobacter</i> sp. Strain NCu2D-2 Isolated from a Mouse. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
56	Cultivable bacterial microbiota from choanae of free-living birds captured in Slovenia / Kultivabilna bakterijska mikrobiota iz sapiÅprostoÅiveÅih ptic, ujetih v Sloveniji. , 2017, 58, 105.	0.1	2
57	Horizontaler Gentransfer. DNAâAustausch Ã¼ber Artgrenzen hinweg. <i>Biologie in Unserer Zeit</i> , 2008, 38, 294-303.	0.2	1
58	Flagellin genes of <i>Yersinia enterocolitica</i> biotype 1A: playground of evolution towards novel flagellin functions. <i>Mental Illness</i> , 2010, 1, 7.	0.8	1
59	Complete Genome Sequencing of <i>Acinetobacter</i> sp. Strain LoGeW2-3, Isolated from the Pellet of a White Stork, Reveals a Novel Class D Beta-Lactamase Gene. <i>Genome Announcements</i> , 2018, 6, .	0.8	1
60	Draft Genome Sequence of Environmental Isolate <i>Acinetobacter nosocomialis</i> U20-HoPe-S34-3 from Germany. <i>Microbiology Resource Announcements</i> , 2021, 10, e0028621.	0.6	1
61	Recombinant AcnB, NrdR and RibD of <i>Acinetobacter baumannii</i> and their potential interaction with DNA adenine methyltransferase AamA. <i>Protein Expression and Purification</i> , 2022, 199, 106134.	1.3	1