Stefan Monecke

List of Publications by Year
in descending order

75 papers	3,419 citations	186265 28 h-index	149698 56 g-index
77 all docs	77 docs citations	77 times ranked	3436 citing authors

#	Article	IF	Citations
1	A Field Guide to Pandemic, Epidemic and Sporadic Clones of Methicillin-Resistant Staphylococcus aureus. PLoS ONE, 2011, 6, e17936.	2.5	734
2	Detection of Staphylococcal Cassette Chromosome mec Type XI Carrying Highly Divergent mecA , mecI , mecR1 , blaZ , and ccr Genes in Human Clinical Isolates of Clonal Complex 130 Methicillin-Resistant Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2011, 55, 3765-3773.	3.2	336
3	Assignment ofStaphylococcus aureusisolates to clonal complexes based on microarray analysis and pattern recognition. FEMS Immunology and Medical Microbiology, 2008, 53, 237-251.	2.7	261
4	Origin, evolution, and global transmission of community-acquired Staphylococcus aureus ST8. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10596-E10604.	7.1	136
5	Characterisation of MRSA strains isolated from patients in a hospital in Riyadh, Kingdom of Saudi Arabia. BMC Microbiology, 2012, 12, 146.	3.3	96
6	Diversity of Staphylococcus aureus Isolates in European Wildlife. PLoS ONE, 2016, 11, e0168433.	2.5	94
7	Genotyping of Staphylococcus aureus isolates from diseased poultry. Veterinary Microbiology, 2013, 162, 806-812.	1.9	80
8	Diversity of SCCmec Elements in Staphylococcus aureus as Observed in South-Eastern Germany. PLoS ONE, 2016, 11, e0162654.	2.5	76
9	Detection of mecC-Positive Staphylococcus aureus (CC130-MRSA-XI) in Diseased European Hedgehogs (Erinaceus europaeus) in Sweden. PLoS ONE, 2013, 8, e66166.	2.5	74
10	Emergence of Sequence Type 779 Methicillin-Resistant Staphylococcus aureus Harboring a Novel Pseudo Staphylococcal Cassette Chromosome mec (SCC mec)-SCC-SCC _{CRISPR} Composite Element in Irish Hospitals. Antimicrobial Agents and Chemotherapy, 2013, 57, 524-531.	3.2	72
11	Comparative Genotypes, Staphylococcal Cassette Chromosome mec (SCCmec) Genes and Antimicrobial Resistance amongst Staphylococcus epidermidis and Staphylococcus haemolyticus Isolates from Infections in Humans and Companion Animals. PLoS ONE, 2015, 10, e0138079.	2.5	66
12	High Usage of Topical Fusidic Acid and Rapid Clonal Expansion of Fusidic Acidâ€“Resistant Staphylococcus aureus: A Cautionary Tale. Clinical Infectious Diseases, 2014, 59, 1451-1454.	5.8	64
13	Staphylococci in cattle and buffaloes with mastitis in Dakahlia Governorate, Egypt. Journal of Dairy Science, 2015, 98, 7450-7459.	3.4	53
14	Evolution and Global Transmission of a Multidrug-Resistant, Community-Associated Methicillin-Resistant Staphylococcus aureus Lineage from the Indian Subcontinent. MBio, 2019, 10, .	4.1	50
15	Rapid Microarray-Based Identification of Different mecA Alleles in Staphylococci. Antimicrobial Agents and Chemotherapy, 2012, 56, 5547-5554.	3.2	48
16	Emerging variants of methicillin-resistant Staphylococcus aureus genotypes in Kuwait hospitals. PLoS ONE, 2018, 13, e0195933.	2.5	45
17	Molecular Typing of ST239-MRSA-III From Diverse Geographic Locations and the Evolution of the SCCmec III Element During Its Intercontinental Spread. Frontiers in Microbiology, 2018, 9, 1436.	3.5	45
18	Genotyping of Staphylococcus aureus in bovine mastitis and correlation to phenotypic characteristics. Veterinary Microbiology, 2016, 193, 156-161.	1.9	41

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19	Modelling the black death. A historical case study and implications for the epidemiology of bubonic plague. International Journal of Medical Microbiology, 2009, 299, 582-593.	3.6	38
20	Rapid Detection of Panton-Valentine Leukocidin in Staphylococcus aureus Cultures by Use of a Lateral Flow Assay Based on Monoclonal Antibodies. Journal of Clinical Microbiology, 2013, 51, 487-495.	3.9	38
21	Characterization of mecC gene-carrying coagulase-negative Staphylococcus spp. isolated from various animals. Veterinary Microbiology, 2019, 230, 138-144.	1.9	38
22	Molecular Typing of MRSA and of Clinical Staphylococcus aureus Isolates from IaÅŸi, Romania. PLoS ONE, 2014, 9, e97833.	2.5	38
23	Extensive Genomic Diversity among Bovine-Adapted Staphylococcus aureus: Evidence for a Genomic Rearrangement within CC97. PLoS ONE, 2015, 10, e0134592.	2.5	38
24	Population Structure of Staphylococcus aureus from Trinidad & Tobago. PLoS ONE, 2014, 9, e89120.	2.5	36
25	Clinical S. aureus Isolates Vary in Their Virulence to Promote Adaptation to the Host. Toxins, 2019, 11, 135.	3.4	36
26	Genome sequencing and molecular characterisation of Staphylococcus aureus ST772-MRSA-V, â€œBengal Bay Cloneâ€• BMC Research Notes, 2013, 6, 548.	1.4	33
27	Diversity of methicillin-resistant Staphylococcus aureus CC22-MRSA-IV from Saudi Arabia and the Gulf region. International Journal of Infectious Diseases, 2016, 51, 31-35.	3.3	32
28	Staphylococcus aureus In Vitro Secretion of Alpha Toxin (hla) Correlates with the Affiliation to Clonal Complexes. PLoS ONE, 2014, 9, e100427.	2.5	32
29	Microarray-based genotyping of Staphylococcus aureus isolates from camels. Veterinary Microbiology, 2011, 150, 309-314.	1.9	30
30	Antimicrobial resistance pattern and virulence profile of S. aureus isolated from household cattle and buffalo with mastitis in Egypt. Veterinary Microbiology, 2020, 240, 108535.	1.9	30
31	Enterococcal multiresistance gene cluster in methicillin-resistant Staphylococcus aureus from various origins and geographical locations. Journal of Antimicrobial Chemotherapy, 2014, 69, 2573-2575.	3.0	29
32	Increased genetic diversity of methicillin-resistant Staphylococcus aureus (MRSA) isolated from companion animals. Veterinary Microbiology, 2019, 235, 118-126.	1.9	27
33	Methicillin-resistant Staphylococcus aureus strains from Ghana include USA300. Journal of Global Antimicrobial Resistance, 2015, 3, 26-30.	2.2	26
34	Intra-Hospital, Inter-Hospital and Intercontinental Spread of ST78 MRSA From Two Neonatal Intensive Care Unit Outbreaks Established Using Whole-Genome Sequencing. Frontiers in Microbiology, 2018, 9, 1485.	3.5	26
35	Variability of SCCmec elements in livestock-associated CC398 MRSA. Veterinary Microbiology, 2018, 217, 36-46.	1.9	25
36	Phase variation of the multiple banded protein in Ureaplasma urealyticum and Ureaplasma parvum. International Journal of Medical Microbiology, 2003, 293, 203-211.	3.6	24

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37	Distribution of SCCmec-associated phenol-soluble modulin in staphylococci. Molecular and Cellular Probes, 2012, 26, 99-103.	2.1	23
38	Epidemiology of transmissible diseases: Array hybridization and next generation sequencing as universal nucleic acid-mediated typing tools. Infection, Genetics and Evolution, 2018, 63, 332-345.	2.3	22
39	Genotyping of methicillin resistant Staphylococcus aureus from the United Arab Emirates. Scientific Reports, 2020, 10, 18551.	3.3	22
40	Prevalence and characteristics of community carriage of methicillin-resistant Staphylococcus aureus in Malta. Journal of Epidemiology and Global Health, 2013, 3, 165.	2.9	21
41	Immune response of Staphylococcus aureus strains in a mouse mastitis model is linked to adaptive capacity and genotypic profiles. Veterinary Microbiology, 2017, 204, 64-76.	1.9	21
42	Phenotypic and genotypic characteristics of Staphylococcus aureus isolates from zoo and wild animals. Veterinary Microbiology, 2018, 218, 98-103.	1.9	21
43	Genotypic Resistance Testing Creates New Treatment Challenges: Two Cases of Oxacillin-Susceptible Methicillin-Resistant Staphylococcus aureus. Journal of Clinical Microbiology, 2012, 50, 4151-4153.	3.9	20
44	A novel multidrug-resistant PVL-negative CC1-MRSA-IV clone emerging in Ireland and Germany likely originated in South-Eastern Europe. Infection, Genetics and Evolution, 2019, 69, 117-126.	2.3	20
45	Characterisation of Australian MRSA Strains ST75- and ST883-MRSA-IV and Analysis of Their Accessory Gene Regulator Locus. PLoS ONE, 2010, 5, e14025.	2.5	20
46	Long Term Molecular Epidemiology of Methicillin-Susceptible Staphylococcus aureus Bacteremia Isolates in Sweden. PLoS ONE, 2014, 9, e114276.	2.5	19
47	Molecular Characterization of Staphylococcus aureus Isolates Associated with Nasal Colonization and Environmental Contamination in Academic Dental Clinics. Microbial Drug Resistance, 2020, 26, 661-669.	2.0	18
48	Molecular characterisation of methicillin-resistant Staphylococcus pseudintermedius from dogs and the description of their SCCmec elements. Veterinary Microbiology, 2019, 233, 196-203.	1.9	17
49	Short communication: Diversity of staphylococci isolated from sheep mastitis in northern Algeria. Journal of Dairy Science, 2020, 103, 890-897.	3.4	16
50	A multiplex real-time PCR for the direct, fast, economic and simultaneous detection of the carbapenemase genes bla KPC, bla NDM, bla VIM and bla OXA-48. Journal of Microbiological Methods, 2017, 142, 20-26.	1.6	15
51	Development and usage of protein microarrays for the quantitative measurement of Panton-Valentine leukocidin. Molecular and Cellular Probes, 2014, 28, 123-132.	2.1	14
52	Characterization of PVL-positive MRSA from Norway. Apmis, 2014, 122, 580-584.	2.0	13
53	Investigating a rare methicillin-resistant Staphylococcus aureus strain: first description of genome sequencing and molecular characterization of CC15-MRSA. Infection and Drug Resistance, 2017, Volume 10, 307-315.	2.7	13
54	Microarray Analysis of Group B Streptococci Causing Invasive Neonatal Early- and Late-onset Infection. Pediatric Infectious Disease Journal, 2020, 39, 449-453.	2.0	13

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55	Characterisation of S. aureus/MRSA CC1153 and review of mobile genetic elements carrying the fusidic acid resistance gene fusC. Scientific Reports, 2021, 11, 8128.	3.3	13
56	Capacity of two Staphylococcus aureus strains with different adaptation genotypes to persist and induce damage in bovine mammary epithelial cells and to activate macrophages. Microbial Pathogenesis, 2020, 142, 104017.	2.9	11
57	Lateral Flow Immunoassay for the Detection of Panton-Valentine Leukocidin in Staphylococcus aureus From Skin and Soft Tissue Infections in the United Arab Emirates. Frontiers in Cellular and Infection Microbiology, 2021, 11, 754523.	3.9	11
58	Characterisation of a novel SCCmec VI element harbouring fusC in an emerging Staphylococcus aureus strain from the Arabian Gulf region. PLoS ONE, 2019, 14, e0223985.	2.5	10
59	Exploring the evolution and epidemiology of European CC1-MRSA-IV: tracking a multidrug-resistant community-associated meticillin-resistant Staphylococcus aureus clone. Microbial Genomics, 2021, 7, .	2.0	10
60	Development of a Rapid Microarray-Based DNA Subtyping Assay for the Alleles of Shiga Toxins 1 and 2 of Escherichia coli. Journal of Clinical Microbiology, 2014, 52, 2898-2904.	3.9	9
61	DNA-Microarray-based Genotyping of Clostridium difficile. BMC Microbiology, 2015, 15, 158.	3.3	8
62	Clonal diversity of methicillin-sensitive Staphylococcus aureus from South Australian wallabies. One Health, 2016, 2, 31-32.	3.4	8
63	Serogenotyping and antimicrobial susceptibility testing of Salmonella spp. isolated from retail meat samples in Lagos, Nigeria. Molecular and Cellular Probes, 2016, 30, 189-194.	2.1	8
64	DNA Microarray-Based Typing of Streptococcus agalactiae Isolates. Journal of Clinical Microbiology, 2014, 52, 3933-3943.	3.9	7
65	Characterisation and Molecular Analysis of an Unusual Chimeric Methicillin Resistant Staphylococcus Aureus Strain and its Bacteriophages. Frontiers in Genetics, 2021, 12, 723958.	2.3	7
66	Staphylococcus aureus isolates from Eurasian Beavers (Castor fiber) carry a novel phage-borne bicomponent leukocidin related to the Panton-Valentine leukocidin. Scientific Reports, 2021, 11, 24394.	3.3	7
67	A Clonal Complex 12 Methicillin-Resistant Staphylococcus aureus Strain, West Australian MRSA-59, Harbors a Novel Pseudo-SCCmecElement. Antimicrobial Agents and Chemotherapy, 2015, 59, 7142-7144.	3.2	6
68	Genotyping of methicillin-resistant Staphylococcus aureus from sepsis patients in Pakistan and detection of antibodies against staphylococcal virulence factors. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 85-92.	2.9	6
69	Rapid genotyping of Legionella pneumophila serogroup 1 strains by a novel DNA microarray-based assay during the outbreak investigation in Warstein, Germany 2013. International Journal of Hygiene and Environmental Health, 2017, 220, 673-678.	4.3	5
70	An epidemic CC1-MRSA-IV clone yields false-negative test results in molecular MRSA identification assays: a note of caution, Austria, Germany, Ireland, 2020. Eurosurveillance, 2020, 25, .	7.0	5
71	Molecular investigations on a chimeric strain of Staphylococcus aureus sequence type 80. PLoS ONE, 2020, 15, e0232071.	2.5	3
72	Dissemination of high-level mupirocin-resistant CC22-MRSA-IV in Saxony. GMS Hygiene and Infection Control, 2017, 12, Doc19.	0.3	2

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73	Molecular characterisation of methicillin-resistant and methicillin-susceptible Staphylococcus aureus clones isolated from healthy dairy animals and their caretakers in Egypt. Veterinary Microbiology, 2022, 267, 109374.	1.9	2
74	Influence of polymerase brand on microarray-based spoligotyping in low concentrations of mycobacterial DNA. Molecular and Cellular Probes, 2015, 29, 126-128.	2.1	1
75	In vitro activity of ceftaroline against mecC-positive MRSA isolates. Journal of Global Antimicrobial Resistance, 2016, 5, 3-6.	2.2	1