

Alexander Mellmann

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

235 papers	9,792 citations	50 h-index	92 g-index
256 ext. papers	12,068 ext. citations	6.5 avg, IF	5.97 L-index

#	Paper	IF	Citations
235	Molecular Epidemiology of Vancomycin-Resistant Enterococci Bloodstream Infections in Germany: A Population-Based Prospective Longitudinal Study.. <i>Microorganisms</i> , 2022 , 10,	4.9	2
234	SurgeonsNon-transparent facemasks challenge the physician-patient relationship in the orthopedic outpatient clinic of a tertiary university hospital during the COVID-19 pandemic: a prospective cohort study of 285 patients.. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2022 , 93, 198-205	4.3	
233	Investigating Morphological Changes of T-lymphocytes after Exposure with Bacterial Determinants for Early Detection of Septic Conditions.. <i>Microorganisms</i> , 2022 , 10,	4.9	2
232	Implementation of a Clostridioides difficile sentinel surveillance system in Germany: First insights for 2019-2021.. <i>Anaerobe</i> , 2022 , 102548	2.8	0
231	First Report of a Methicillin-Resistant, High-Level Mupirocin-Resistant .. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 860163	5.9	
230	Assessing the spreading potential of an undetected case of COVID-19 in orthopaedic surgery. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 141, 1131-1137	3.6	6
229	Prevalence and zoonotic transmission of colistin-resistant and carbapenemase-producing Enterobacterales on German pig farms.. <i>One Health</i> , 2021 , 13, 100354	7.6	0
228	Integrating evolutionary aspects into dual-use discussion: the cases of influenza virus and enterohemorrhagic .. <i>Evolution, Medicine and Public Health</i> , 2021 , 9, 383-392	3	
227	In Vivo Secretion of Lactamase-Carrying Outer Membrane Vesicles as a Mechanism of Lactam Therapy Failure. <i>Membranes</i> , 2021 , 11,	3.8	1
226	Molecular epidemiology and antimicrobial resistance of Clostridioides difficile in Germany, 2014-2019. <i>International Journal of Medical Microbiology</i> , 2021 , 311, 151507	3.7	3
225	Combined antibiotic stewardship and infection control measures to contain the spread of linezolid-resistant Staphylococcus epidermidis in an intensive care unit. <i>Antimicrobial Resistance and Infection Control</i> , 2021 , 10, 99	6.2	1
224	First Reported Nosocomial Outbreak of Severe Acute Respiratory Syndrome Coronavirus 2 in a Pediatric Dialysis Unit. <i>Clinical Infectious Diseases</i> , 2021 , 72, 265-270	11.6	76
223	Establishment and Evaluation of a Core Genome Multilocus Sequence Typing Scheme for Whole-Genome Sequence-Based Typing of Pseudomonas aeruginosa. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	2
222	Virulence Factor Cargo and Host Cell Interactions of Shiga Toxin-Producing Escherichia coli Outer Membrane Vesicles. <i>Methods in Molecular Biology</i> , 2021 , 2291, 177-205	1.4	1
221	The Superior Adherence Phenotype of E. coli O104:H4 is Directly Mediated by the Aggregative Adherence Fimbriae Type I. <i>Virulence</i> , 2021 , 12, 346-359	4.7	2
220	Identification of Shiga Toxin-Producing Escherichia coli Outbreaks Using Whole Genome Sequencing. <i>Methods in Molecular Biology</i> , 2021 , 2291, 87-97	1.4	
219	Phosphorylation of Influenza A Virus NS1 at Serine 205 Mediates Its Viral Polymerase-Enhancing Function. <i>Journal of Virology</i> , 2021 , 95,	6.6	4

218	Genomic analysis of Staphylococcus aureus from the West African Dwarf (WAD) goat in Nigeria. <i>Antimicrobial Resistance and Infection Control</i> , 2021 , 10, 122	6.2	3
217	Phenotypic Variants of Bacterial Colonies in Microbiological Diagnostics: How Often Are They Indicative of Differing Antimicrobial Susceptibility Patterns?. <i>Microbiology Spectrum</i> , 2021 , 9, e0055521	8.9	
216	Development and Validation of a Tool for the Prediction of Vancomycin-Resistant Enterococci Colonization Persistence-the PREVENT Score. <i>Microbiology Spectrum</i> , 2021 , 9, e0035621	8.9	0
215	Comparative phenotypic characterization of hybrid Shiga toxin-producing / uropathogenic Escherichia coli, canonical uropathogenic and Shiga toxin-producing Escherichia coli. <i>International Journal of Medical Microbiology</i> , 2021 , 311, 151533	3.7	2
214	An in vitro study on Staphylococcus schweitzeri virulence. <i>Scientific Reports</i> , 2021 , 11, 1157	4.9	3
213	COMPARISON OF WHOLE GENOME SEQUENCE-BASED METHODS AND PCR RIBOTYPING FOR SUBTYPING OF .. <i>Journal of Clinical Microbiology</i> , 2021 , JCM0173721	9.7	0
212	A child with soft-tissue infection and lymphadenitis. <i>New Microbes and New Infections</i> , 2020 , 38, 100819	4.1	0
211	Donor-derived vancomycin-resistant enterococci transmission and bloodstream infection after intestinal transplantation. <i>Antimicrobial Resistance and Infection Control</i> , 2020 , 9, 180	6.2	2
210	Dissemination of the blaCTX-M-15 gene among Enterobacteriaceae via outer membrane vesicles. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2442-2451	5.1	9
209	Antibiotic Treatment and Age Are Associated With Carriage Profiles During Persistence in the Airways of Cystic Fibrosis Patients. <i>Frontiers in Microbiology</i> , 2020 , 11, 230	5.7	4
208	RAB5A and TRAPPC6B are novel targets for Shiga toxin 2a inactivation in kidney epithelial cells. <i>Scientific Reports</i> , 2020 , 10, 4945	4.9	3
207	Transmission of Vancomycin-Resistant Enterococci in the Hospital Setting: Uncovering the Patient-Environment Interplay. <i>Microorganisms</i> , 2020 , 8,	4.9	13
206	A Pandemic in Times of Global Tourism: Superspreading and Exportation of COVID-19 Cases from a Ski Area in Austria. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	64
205	Molecular epidemiology and antimicrobial resistance of Clostridioides difficile detected in chicken, soil and human samples from Zimbabwe. <i>International Journal of Infectious Diseases</i> , 2020 , 96, 82-87	10.5	7
204	Real-time interaction analysis of Shiga toxins and membrane microdomains of primary human brain microvascular endothelial cells. <i>Glycobiology</i> , 2020 , 30, 174-185	5.8	3
203	Antimicrobial resistant and enteropathogenic bacteria in <i>Glyth flies</i> Qa cross-sectional study from Nigeria. <i>Scientific Reports</i> , 2020 , 10, 16990	4.9	5
202	A nosocomial cluster of vancomycin resistant enterococci among COVID-19 patients in an intensive care unit. <i>Antimicrobial Resistance and Infection Control</i> , 2020 , 9, 154	6.2	31
201	Molecular characterization of Staphylococcus aureus complex from fomites in Nigeria. <i>Infection, Genetics and Evolution</i> , 2020 , 85, 104504	4.5	3

200	Prevalence and Epidemiology of Multidrug-Resistant Pathogens in the Food Chain and the Urban Environment in Northwestern Germany. <i>Antibiotics</i> , 2020 , 9,	4.9	5
199	Global Epidemiology and Evolutionary History of Staphylococcus aureus ST45. <i>Journal of Clinical Microbiology</i> , 2020 , 59,	9.7	5
198	Healthcare-Associated SARS-CoV-2 Transmission-Experiences from a German University Hospital. <i>Microorganisms</i> , 2020 , 8,	4.9	11
197	Relative incidence of thrombotic thrombocytopenic purpura and haemolytic uraemic syndrome in clinically suspected cases of thrombotic microangiopathy. <i>CKJ: Clinical Kidney Journal</i> , 2020 , 13, 208-216	4.5	7
196	High proportion of carbapenemase-producing Escherichia coli and Klebsiella pneumoniae among extended-spectrum β -lactamase-producers in Nigerian hospitals. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 21, 8-12	3.4	13
195	Rapid culture-based identification of Shiga toxin-producing Escherichia coli and Shigella spp./Enteroinvasive E. coli using the eazyplex [®] EHEC complete assay. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 151-158	5.3	1
194	Quality assurance for genotyping and resistance testing of Clostridium (Clostridioides) difficile isolates - Experiences from the first inter-laboratory ring trial in four German speaking countries. <i>Anaerobe</i> , 2020 , 61, 102093	2.8	4
193	Single Blinded Study on the Feasibility of Decontaminating LA-MRSA in Pig Compartments under Routine Conditions. <i>Antibiotics</i> , 2020 , 9,	4.9	3
192	Origin and Evolution of Hybrid Shiga Toxin-Producing and Uropathogenic Escherichia coli Strains of Sequence Type 141. <i>Journal of Clinical Microbiology</i> , 2019 , 58,	9.7	14
191	Risk Factors for Long-Term Vancomycin-Resistant Enterococci Persistence-A Prospective Longitudinal Study. <i>Microorganisms</i> , 2019 , 7,	4.9	4
190	Use of MALDI-TOF mass spectrometry to detect nosocomial outbreaks of Serratia marcescens and Citrobacter freundii. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019 , 38, 581-591	5.3	8
189	"Enhanced acquisition of antibiotic-resistant intestinal during the first year of life assessed in a prospective cohort study". <i>Antimicrobial Resistance and Infection Control</i> , 2019 , 8, 79	6.2	7
188	Carriage of Shiga toxin phage profoundly affects Escherichia coli gene expression and carbon source utilization. <i>BMC Genomics</i> , 2019 , 20, 504	4.5	16
187	Comparison of methods to analyse susceptibility of German MDR/XDR Pseudomonas aeruginosa to ceftazidime/avibactam. <i>International Journal of Antimicrobial Agents</i> , 2019 , 54, 255-260	14.3	15
186	Pectin-derived neoglycolipids: Tools for differentiation of Shiga toxin subtypes and inhibitors of Shiga toxin-mediated cellular injury. <i>Carbohydrate Polymers</i> , 2019 , 212, 323-333	10.3	9
185	Hospital outbreak due to Clostridium difficile ribotype 018 (RT018) in Southern Germany. <i>International Journal of Medical Microbiology</i> , 2019 , 309, 189-193	3.7	13
184	L-selectin shedding affects bacterial clearance in the lung: a new regulatory pathway for integrin outside-in signaling. <i>Blood</i> , 2019 , 134, 1445-1457	2.2	15
183	Hygieneaspekte bei multiresistenten Erregern im OP und auf der Intensivstation. <i>Gefasschirurgie</i> , 2019 , 24, 347-358	0.3	

182	Acquisition and colonization dynamics of antimicrobial-resistant bacteria during international travel: a prospective cohort study. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 1287.e1-1287.e7	9.5	24
181	Genotypic Characterization of Livestock-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Isolates of Clonal Complex 398 in Pigsty Visitors: Transient Carriage or Persistence?. <i>Journal of Clinical Microbiology</i> , 2019 , 58,	9.7	2
180	High Nuclease Activity of Long Persisting Isolates Within the Airways of Cystic Fibrosis Patients Protects Against NET-Mediated Killing. <i>Frontiers in Immunology</i> , 2019 , 10, 2552	8.4	16
179	Structural Insights into Shiga Toxin (Stx) Glycosphingolipid Receptors of Porcine Renal Epithelial Cells and Inhibition of Stx-Mediated Cellular Injury Using Neoglycolipid-Spiked Glycovesicles. <i>Microorganisms</i> , 2019 , 7,	4.9	4
178	Whole genome sequencing reveals a prolonged and spatially spread nosocomial outbreak of Panton-Valentine leucocidin-positive methicillin-resistant <i>Staphylococcus aureus</i> (USA300). <i>Journal of Hospital Infection</i> , 2019 , 101, 327-332	6.9	4
177	Management of superficial and deep-seated <i>Staphylococcus aureus</i> skin and soft tissue infections in sub-Saharan Africa: a post hoc analysis of the StaphNet cohort. <i>Infection</i> , 2018 , 46, 395-404	5.8	3
176	Defining and Evaluating a Core Genome Multilocus Sequence Typing Scheme for Genome-Wide Typing of <i>Clostridium difficile</i> . <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	36
175	Carbapenem-resistant Enterobacteriaceae in wildlife, food-producing, and companion animals: a systematic review. <i>Clinical Microbiology and Infection</i> , 2018 , 24, 1241-1250	9.5	125
174	A Nosocomial Foodborne Outbreak of a VIM Carbapenemase-Expressing <i>Citrobacter freundii</i> . <i>Clinical Infectious Diseases</i> , 2018 , 67, 58-64	11.6	18
173	Anti-Shiga toxin 2 antibodies in enterohemorrhagic <i>Escherichia coli</i> O104:H4 infected patients may predict hemolytic uremic syndrome. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018 , 33, 1353-1356	4	0
172	Adaptation of <i>Staphylococcus aureus</i> to Airway Environments in Patients With Cystic Fibrosis by Upregulation of Superoxide Dismutase M and Iron-Scavenging Proteins. <i>Journal of Infectious Diseases</i> , 2018 , 217, 1453-1461	7	11
171	Transmission Risk on a Neonatal Intensive Care Unit: versus. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2018 , 2018, 1525072	2.6	3
170	The 2011 German Enterohemorrhagic <i>Escherichia coli</i> O104:H4 Outbreak-The Danger Is Still Out There. <i>Current Topics in Microbiology and Immunology</i> , 2018 , 416, 117-148	3.3	13
169	Plasmid-Encoded Transferable <i>mecB</i> -Mediated Methicillin Resistance in <i>Staphylococcus aureus</i> . <i>Emerging Infectious Diseases</i> , 2018 , 24, 242-248	10.2	112
168	Core elements of the vegetative replication control of the Inc1 plasmid pO104_90 of <i>Escherichia coli</i> O104:H4 also regulate its transfer frequency. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 962-968	3.7	3
167	Membrane assembly of Shiga toxin glycosphingolipid receptors and toxin refractiveness of MDCK II epithelial cells. <i>Journal of Lipid Research</i> , 2018 , 59, 1383-1401	6.3	8
166	Personal microbiological consultations improve the therapeutic management of <i>Staphylococcus aureus</i> bacteremia. <i>Journal of Infection</i> , 2018 , 77, 349-356	18.9	1
165	Complex in the Straw-Colored Fruit Bat () in Nigeria. <i>Frontiers in Microbiology</i> , 2018 , 9, 162	5.7	14

164	Identification of Novel Biomarkers for Priority Serotypes of Shiga Toxin-Producing and the Development of Multiplex PCR for Their Detection. <i>Frontiers in Microbiology</i> , 2018 , 9, 1321	5.7	4
163	Microevolution of epidemiological highly relevant non-O157 enterohemorrhagic Escherichia coli of serogroups O26 and O111. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 1085-1095	3.7	2
162	High prevalence of MRSA and multi-resistant gram-negative bacteria in refugees admitted to the hospital-But no hint of transmission. <i>PLoS ONE</i> , 2018 , 13, e0198103	3.7	7
161	Outbreak of complex infections associated with contaminated octenidine mouthwash solution, Germany, August to September 2018. <i>Eurosurveillance</i> , 2018 , 23,	19.8	18
160	MALDI-TOF Mass Spectrometry-Based Microbial Identification and Beyond 2018 , 211-234		
159	In vivo competition and horizontal gene transfer among distinct Staphylococcus aureus lineages as major drivers for adaptational changes during long-term persistence in humans. <i>BMC Microbiology</i> , 2018 , 18, 152	4.5	11
158	Hospital acquired vancomycin resistant enterococci in surgical intensive care patients - a prospective longitudinal study. <i>Antimicrobial Resistance and Infection Control</i> , 2018 , 7, 103	6.2	13
157	Attack of the clones: whole genome-based characterization of two closely related enterohemorrhagic Escherichia coli O26 epidemic lineages. <i>BMC Genomics</i> , 2018 , 19, 647	4.5	5
156	Comparative Secretome Analyses of Human and Zoonotic Isolates CC8, CC22, and CC398. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 2412-2433	7.6	16
155	Staphylococcus aureus requires less virulence to establish an infection in diabetic hosts. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 761-769	3.7	10
154	Comparative virulence characterization of the Shiga toxin phage-cured Escherichia coli O104:H4 and enteroaggregative Escherichia coli. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 912-920	3.7	6
153	Enterohemorrhagic Escherichia coli O157 outer membrane vesicles induce interleukin 8 production in human intestinal epithelial cells by signaling via Toll-like receptors TLR4 and TLR5 and activation of the nuclear factor NF- κ B. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 882-889	3.7	26
152	Combining Mass Spectrometry, Surface Acoustic Wave Interaction Analysis, and Cell Viability Assays for Characterization of Shiga Toxin Subtypes of Pathogenic Escherichia coli Bacteria. <i>Analytical Chemistry</i> , 2018 , 90, 8989-8997	7.8	13
151	In the centre of an epidemic: Fifteen years of LA-MRSA CC398 at the University Hospital Münster. <i>Veterinary Microbiology</i> , 2017 , 200, 19-24	3.3	36
150	Simultaneous occurrence of MRSA and ESBL-producing Enterobacteriaceae on pig farms and in nasal and stool samples from farmers. <i>Veterinary Microbiology</i> , 2017 , 200, 107-113	3.3	40
149	High Interlaboratory Reproducibility and Accuracy of Next-Generation-Sequencing-Based Bacterial Genotyping in a Ring Trial. <i>Journal of Clinical Microbiology</i> , 2017 , 55, 908-913	9.7	59
148	Community-Associated Staphylococcus aureus from Sub-Saharan Africa and Germany: A Cross-Sectional Geographic Correlation Study. <i>Scientific Reports</i> , 2017 , 7, 154	4.9	20
147	Control of Multidrug-Resistant Pseudomonas aeruginosa in Allogeneic Hematopoietic Stem Cell Transplant Recipients by a Novel Bundle Including Remodeling of Sanitary and Water Supply Systems. <i>Clinical Infectious Diseases</i> , 2017 , 65, 935-942	11.6	20

146	Antibiotic-Mediated Modulations of Outer Membrane Vesicles in Enterohemorrhagic Escherichia coli O104:H4 and O157:H7. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	29
145	Infection of exposed patients during norovirus outbreaks: are there predictive parameters?. <i>Journal of Hospital Infection</i> , 2017 , 96, 75-80	6.9	2
144	Sorbitol-Fermenting Enterohemorrhagic Escherichia coli O157:H Isolates from Czech Patients with Novel Plasmid Composition Not Previously Seen in German Isolates. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	2
143	Evaluation of a bacteremia cluster in hematopoietic stem cell transplantation recipients using whole genome sequencing. <i>Antimicrobial Resistance and Infection Control</i> , 2017 , 6, 115	6.2	6
142	Intrahost milieu modulates production of outer membrane vesicles, vesicle-associated Shiga toxin 2a and cytotoxicity in Escherichia coli O157:H7 and O104:H4. <i>Environmental Microbiology Reports</i> , 2017 , 9, 626-634	3.7	22
141	Susceptibility of MDR Pseudomonas aeruginosa to ceftolozane/tazobactam and comparison of different susceptibility testing methods. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 3079-3084	5.1	17
140	Origin, evolution, and global transmission of community-acquired ST8. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E10596-E10604	11.5	80
139	Weekly screening supports terminating nosocomial transmissions of vancomycin-resistant enterococci on an oncologic ward - a retrospective analysis. <i>Antimicrobial Resistance and Infection Control</i> , 2017 , 6, 48	6.2	21
138	The Impact of the Virulome on Infection in a Developing Country: A Cohort Study. <i>Frontiers in Microbiology</i> , 2017 , 8, 1662	5.7	12
137	Host cell interactions of outer membrane vesicle-associated virulence factors of enterohemorrhagic Escherichia coli O157: Intracellular delivery, trafficking and mechanisms of cell injury. <i>PLoS Pathogens</i> , 2017 , 13, e1006159	7.6	99
136	Ongoing haemolytic uraemic syndrome (HUS) outbreak caused by sorbitol-fermenting (SF) Shiga toxin-producing Escherichia coli (STEC) O157, Germany, December 2016 to May 2017. <i>Eurosurveillance</i> , 2017 , 22,	19.8	12
135	Real-Time Genome Sequencing of Resistant Bacteria Provides Precision Infection Control in an Institutional Setting. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 2874-2881	9.7	123
134	The primary transcriptome of the Escherichia coli O104:H4 pAA plasmid and novel insights into its virulence gene expression and regulation. <i>Scientific Reports</i> , 2016 , 6, 35307	4.9	10
133	Raman-spectroscopic imaging of intracellular bacteria 2016 , 843-844		
132	A geospatial analysis of flies and the spread of antimicrobial resistant bacteria. <i>International Journal of Medical Microbiology</i> , 2016 , 306, 566-571	3.7	20
131	Social structure and Escherichia coli sharing in a group-living wild primate, Verreaux's sifaka. <i>BMC Ecology</i> , 2016 , 16, 6	2.7	24
130	Whole-Genome Sequencing Elucidates Epidemiology of Nosocomial Clusters of Acinetobacter baumannii. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 2391-4	9.7	25
129	Norovirus outbreak management: how much cohorting is necessary?. <i>Journal of Hospital Infection</i> , 2016 , 92, 259-62	6.9	5

128	Molecular Characterization of Human Atypical Sorbitol-Fermenting Enteropathogenic Escherichia coli O157 Reveals High Diversity. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1357-63	9.7	7
127	Phosphorylation of influenza A virus NS1 protein at threonine 49 suppresses its interferon antagonistic activity. <i>Cellular Microbiology</i> , 2016 , 18, 784-91	3.9	23
126	Detecting Staphylococcus aureus Virulence and Resistance Genes: a Comparison of Whole-Genome Sequencing and DNA Microarray Technology. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1008-16	9.7	33
125	Detection of mecA- and mecC-Positive Methicillin-Resistant Staphylococcus aureus (MRSA) Isolates by the New Xpert MRSA Gen 3 PCR Assay. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 180-4	9.7	29
124	Dynamic in vivo mutations within the ica operon during persistence of Staphylococcus aureus in the airways of cystic fibrosis patients. <i>PLoS Pathogens</i> , 2016 , 12, e1006024	7.6	26
123	Phylogenetic relationships among Staphylococcus aureus isolated from clinical samples in Mashhad, Iran. <i>Journal of Infection and Public Health</i> , 2016 , 9, 639-44	7.4	13
122	Low-level antimicrobial resistance of Enterobacteriaceae isolated from the nares of pig-exposed persons. <i>Epidemiology and Infection</i> , 2016 , 144, 686-90	4.3	6
121	The association of ESBL-producing Enterobacteriaceae (ESBL-E) carriage in humans with pigs - a reply. <i>Epidemiology and Infection</i> , 2016 , 144, 693-4	4.3	
120	Unveiling the molecular basis of antimicrobial resistance in Staphylococcus aureus from the Democratic Republic of the Congo using whole genome sequencing. <i>Clinical Microbiology and Infection</i> , 2016 , 22, 644.e1-5	9.5	19
119	Ciprofloxacin versus colistin prophylaxis during neutropenia in acute myeloid leukemia: two parallel patient cohorts treated in a single center. <i>Haematologica</i> , 2016 , 101, 1208-1215	6.6	3
118	Norovirus infections in a tertiary care centre - individual cases do not necessarily lead to an outbreak. <i>Journal of Clinical Virology</i> , 2016 , 84, 39-41	14.5	4
117	Co-detection of Pantone-Valentine leukocidin encoding genes and cotrimoxazole resistance in Staphylococcus aureus in Gabon: implications for HIV-patients' care. <i>Frontiers in Microbiology</i> , 2015 , 6, 60	5.7	18
116	Highly Virulent Non-O157 Enterohemorrhagic Escherichia coli (EHEC) Serotypes Reflect Similar Phylogenetic Lineages, Providing New Insights into the Evolution of EHEC. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 7041-7	4.8	33
115	Is Africa the origin of major Haitian Staphylococcus aureus lineages?. <i>International Journal of Infectious Diseases</i> , 2015 , 34, 1-2	10.5	2
114	Defining and Evaluating a Core Genome Multilocus Sequence Typing Scheme for Whole-Genome Sequence-Based Typing of Listeria monocytogenes. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2869-76	9.7	182
113	State-wide surveillance of antibiotic resistance patterns and spa types of methicillin-resistant Staphylococcus aureus from blood cultures in North Rhine-Westphalia, 2011-2013. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 750-7	9.5	24
112	Core Genome Multilocus Sequence Typing Scheme for High- Resolution Typing of Enterococcus faecium. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 3788-97	9.7	173
111	Is Shiga Toxin-Negative Escherichia coli O157:H7 Enteropathogenic or Enterohemorrhagic Escherichia coli? Comprehensive Molecular Analysis Using Whole-Genome Sequencing. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 3530-8	9.7	38

110	Ensuring backwards compatibility: traditional genotyping efforts in the era of whole genome sequencing. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 347.e1-4	9.5	20
109	Staphylococcus aureus spa type t437: identification of the most dominant community-associated clone from Asia across Europe. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 163.e1-8	9.5	15
108	Staphylococcus aureus complex from animals and humans in three remote African regions. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 345.e1-8	9.5	47
107	Molecular characterization of Shigella spp. from patients in Gabon 2011-2013. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015 , 109, 275-9	2	11
106	Virulence from vesicles: Novel mechanisms of host cell injury by Escherichia coli O104:H4 outbreak strain. <i>Scientific Reports</i> , 2015 , 5, 13252	4.9	92
105	Agitation down-regulates immunoglobulin binding protein EibG expression in Shiga toxin-producing Escherichia coli (STEC). <i>PLoS ONE</i> , 2015 , 10, e0119583	3.7	2
104	Rapid high resolution genotyping of Francisella tularensis by whole genome sequence comparison of annotated genes ("MLST+"). <i>PLoS ONE</i> , 2015 , 10, e0123298	3.7	33
103	Occurrence of ESBL-Producing Escherichia coli in Livestock and Farm Workers in Mecklenburg-Western Pomerania, Germany. <i>PLoS ONE</i> , 2015 , 10, e0143326	3.7	95
102	Molecular Typing of Enterobacteriaceae from Pig Holdings in North-Western Germany Reveals Extended- Spectrum and AmpC β -lactamases Producing but no Carbapenem Resistant Ones. <i>PLoS ONE</i> , 2015 , 10, e0134533	3.7	19
101	Gut Colonization of Healthy Children and Their Mothers With Pathogenic Ciprofloxacin-Resistant Escherichia coli. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1862-8	7	39
100	Transcriptional adaptations during long-term persistence of Staphylococcus aureus in the airways of a cystic fibrosis patient. <i>International Journal of Medical Microbiology</i> , 2015 , 305, 38-46	3.7	17
99	Label-free imaging and spectroscopic analysis of intracellular bacterial infections. <i>Analytical Chemistry</i> , 2015 , 87, 2137-42	7.8	30
98	Enterohemorrhagic E. coli (EHEC): Environmental-Vehicle-Human Interface 2015 , 235-248		2
97	Are cases of Methicillin-resistant Staphylococcus aureus clonal complex (CC) 398 among humans still livestock-associated?. <i>International Journal of Medical Microbiology</i> , 2015 , 305, 110-3	3.7	55
96	Development and evaluation of a novel universal β -lactamase gene subtyping assay for blaSHV, blaTEM and blaCTX-M using clinical and livestock-associated Escherichia coli. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 710-5	5.1	23
95	Phylogeny and phenotypes of clinical and environmental Shiga toxin-producing Escherichia coli O174. <i>Environmental Microbiology</i> , 2014 , 16, 963-76	5.2	6
94	Whole genome sequencing as a tool to investigate a cluster of seven cases of listeriosis in Austria and Germany, 2011-2013. <i>Clinical Microbiology and Infection</i> , 2014 , 20, 431-6	9.5	88
93	Bacterial whole-genome sequencing revisited: portable, scalable, and standardized analysis for typing and detection of virulence and antibiotic resistance genes. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 2365-70	9.7	168

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