

Jacques Schrenzel

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352
papers

14,803
citations

66
h-index

108
g-index

386
ext. papers

17,305
ext. citations

5.8
avg, IF

6.22
L-index

#	Paper	IF	Citations
352	Responses of gut microbiota and glucose and lipid metabolism to prebiotics in genetic obese and diet-induced leptin-resistant mice. <i>Diabetes</i> , 2011 , 60, 2775-86	0.9	701
351	De novo bacterial genome sequencing: millions of very short reads assembled on a desktop computer. <i>Genome Research</i> , 2008 , 18, 802-9	9.7	452
350	Universal screening for methicillin-resistant <i>Staphylococcus aureus</i> at hospital admission and nosocomial infection in surgical patients. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 1149-57	27.4	396
349	Microbiome of prebiotic-treated mice reveals novel targets involved in host response during obesity. <i>ISME Journal</i> , 2014 , 8, 2116-30	11.9	376
348	Comparison of two matrix-assisted laser desorption ionization-time of flight mass spectrometry methods with conventional phenotypic identification for routine identification of bacteria to the species level. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 1169-75	9.7	362
347	Robustness of a loop-mediated isothermal amplification reaction for diagnostic applications. <i>FEMS Immunology and Medical Microbiology</i> , 2011 , 62, 41-8		291
346	Failures in clinical treatment of <i>Staphylococcus aureus</i> Infection with daptomycin are associated with alterations in surface charge, membrane phospholipid asymmetry, and drug binding. <i>Antimicrobial Agents and Chemotherapy</i> , 2008 , 52, 269-78	5.9	258
345	Metagenomic study of the oral microbiota by Illumina high-throughput sequencing. <i>Journal of Microbiological Methods</i> , 2009 , 79, 266-71	2.8	248
344	Histone deacetylase inhibitors impair innate immune responses to Toll-like receptor agonists and to infection. <i>Blood</i> , 2011 , 117, 1205-17	2.2	244
343	Altered gut microbiota and endocannabinoid system tone in obese and diabetic leptin-resistant mice: impact on apelin regulation in adipose tissue. <i>Frontiers in Microbiology</i> , 2011 , 2, 149	5.7	220
342	Rapid detection of methicillin-resistant <i>Staphylococcus aureus</i> directly from sterile or nonsterile clinical samples by a new molecular assay. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 254-60	9.7	220
341	Evidence of an intracellular reservoir in the nasal mucosa of patients with recurrent <i>Staphylococcus aureus</i> rhinosinusitis. <i>Journal of Infectious Diseases</i> , 2005 , 192, 1023-8	7	190
340	<i>Kingella kingae</i> osteoarticular infections in young children: clinical features and contribution of a new specific real-time PCR assay to the diagnosis. <i>Journal of Pediatric Orthopaedics</i> , 2010 , 30, 301-4	2.4	188
339	Electron currents generated by the human phagocyte NADPH oxidase. <i>Nature</i> , 1998 , 392, 734-7	50.4	172
338	A search for small noncoding RNAs in <i>Staphylococcus aureus</i> reveals a conserved sequence motif for regulation. <i>Nucleic Acids Research</i> , 2009 , 37, 7239-57	20.1	170
337	Study of inter- and intra-individual variations in the salivary microbiota. <i>BMC Genomics</i> , 2010 , 11, 523	4.5	167
336	Methicillin-resistant coagulase-negative staphylococci in the community: high homology of SCCmec IVa between <i>Staphylococcus epidermidis</i> and major clones of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2010 , 202, 270-81	7	155

335	Increased expression of clumping factor and fibronectin-binding proteins by hemB mutants of <i>Staphylococcus aureus</i> expressing small colony variant phenotypes. <i>Infection and Immunity</i> , 2002 , 70, 5428-37	3.7	155
334	CodY in <i>Staphylococcus aureus</i> : a regulatory link between metabolism and virulence gene expression. <i>Journal of Bacteriology</i> , 2009 , 191, 2953-63	3.5	152
333	The stringent response of <i>Staphylococcus aureus</i> and its impact on survival after phagocytosis through the induction of intracellular PSMs expression. <i>PLoS Pathogens</i> , 2012 , 8, e1003016	7.6	151
332	Impact of combined low-level mupirocin and genotypic chlorhexidine resistance on persistent methicillin-resistant <i>Staphylococcus aureus</i> carriage after decolonization therapy: a case-control study. <i>Clinical Infectious Diseases</i> , 2011 , 52, 1422-30	11.6	145
331	Evaluation of rapid screening and pre-emptive contact isolation for detecting and controlling methicillin-resistant <i>Staphylococcus aureus</i> in critical care: an interventional cohort study. <i>Critical Care</i> , 2006 , 10, R25	10.8	136
330	Tn125-related acquisition of blaNDM-like genes in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 1087-9	5.9	133
329	Rapid Diagnosis of Infection in the Critically Ill, a Multicenter Study of Molecular Detection in Bloodstream Infections, Pneumonia, and Sterile Site Infections. <i>Critical Care Medicine</i> , 2015 , 43, 2283-91	1.4	129
328	Temporal effects of antibiotic use and hand rub consumption on the incidence of MRSA and <i>Clostridium difficile</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 62, 601-7	5.1	127
327	A global view of <i>Staphylococcus aureus</i> whole genome expression upon internalization in human epithelial cells. <i>BMC Genomics</i> , 2007 , 8, 171	4.5	124
326	Identification and characterization of a novel 38.5-kilodalton cell surface protein of <i>Staphylococcus aureus</i> with extended-spectrum binding activity for extracellular matrix and plasma proteins. <i>Journal of Bacteriology</i> , 2001 , 183, 6778-86	3.5	121
325	Isolation and characterization of biofilm formation-defective mutants of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2007 , 75, 1079-88	3.7	120
324	Lower respiratory viral illnesses: improved diagnosis by molecular methods and clinical impact. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 1197-203	10.2	119
323	A novel H(+) conductance in eosinophils: unique characteristics and absence in chronic granulomatous disease. <i>Journal of Experimental Medicine</i> , 1999 , 190, 183-94	16.6	119
322	Application and use of various mass spectrometry methods in clinical microbiology. <i>Clinical Microbiology and Infection</i> , 2010 , 16, 1604-13	9.5	113
321	Functional Gut Microbiota Remodeling Contributes to the Caloric Restriction-Induced Metabolic Improvements. <i>Cell Metabolism</i> , 2018 , 28, 907-921.e7	24.6	111
320	Effect of a glucose impulse on the CcpA regulon in <i>Staphylococcus aureus</i> . <i>BMC Microbiology</i> , 2009 , 9, 95	4.5	108
319	Evaluating the probability of previously unknown carriage of MRSA at hospital admission. <i>American Journal of Medicine</i> , 2006 , 119, 275.e15-23	2.4	105
318	Cartography of methicillin-resistant <i>S. aureus</i> transcripts: detection, orientation and temporal expression during growth phase and stress conditions. <i>PLoS ONE</i> , 2010 , 5, e10725	3.7	104

317	Regulation of <i>mprF</i> in daptomycin-nonsusceptible <i>Staphylococcus aureus</i> strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2636-7	5.9	104
316	Exploring glycopeptide-resistance in <i>Staphylococcus aureus</i> : a combined proteomics and transcriptomics approach for the identification of resistance-related markers. <i>BMC Genomics</i> , 2006 , 7, 296	4.5	102
315	Noma: an "infectious" disease of unknown aetiology. <i>Lancet Infectious Diseases, The</i> , 2003 , 3, 419-31	25.5	102
314	A randomized clinical trial to compare fleroxacin-rifampicin with flucloxacillin or vancomycin for the treatment of staphylococcal infection. <i>Clinical Infectious Diseases</i> , 2004 , 39, 1285-92	11.6	97
313	Microstructuring of polymer films for sensitive genotyping by real-time PCR on a centrifugal microfluidic platform. <i>Lab on A Chip</i> , 2010 , 10, 2519-26	7.2	96
312	Correlation of daptomycin resistance in a clinical <i>Staphylococcus aureus</i> strain with increased cell wall teichoic acid production and D-alanylation. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3922-8	5.9	94
311	A generic approach for the design of whole-genome oligoarrays, validated for genotyping, deletion mapping and gene expression analysis on <i>Staphylococcus aureus</i> . <i>BMC Genomics</i> , 2005 , 6, 95	4.5	94
310	A type III-like restriction endonuclease functions as a major barrier to horizontal gene transfer in clinical <i>Staphylococcus aureus</i> strains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 11954-8	11.5	93
309	Trends in the treatment of orthopaedic prosthetic infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2004 , 53, 127-9	5.1	92
308	Comparative analysis of PCR-electrospray ionization/mass spectrometry (MS) and MALDI-TOF/MS for the identification of bacteria and yeast from positive blood culture bottles. <i>Clinical Chemistry</i> , 2011 , 57, 1057-67	5.5	88
307	Transcriptome analysis of the responses of <i>Staphylococcus aureus</i> to antimicrobial peptides and characterization of the roles of <i>vraDE</i> and <i>vraSR</i> in antimicrobial resistance. <i>BMC Genomics</i> , 2009 , 10, 429	4.5	88
306	Use of PCR coupled with electrospray ionization mass spectrometry for rapid identification of bacterial and yeast bloodstream pathogens from blood culture bottles. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 345-53	9.7	87
305	Use of an automated multiple-locus, variable-number tandem repeat-based method for rapid and high-throughput genotyping of <i>Staphylococcus aureus</i> isolates. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 3346-55	9.7	87
304	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> , Switzerland. <i>Emerging Infectious Diseases</i> , 2005 , 11, 962-5	10.2	86
303	Rapid clinical bacteriology and its future impact. <i>Annals of Laboratory Medicine</i> , 2013 , 33, 14-27	3.1	85
302	Molecular diagnosis of <i>Kingella kingae</i> osteoarticular infections by specific real-time PCR assay. <i>Journal of Medical Microbiology</i> , 2009 , 58, 65-68	3.2	82
301	Bench-to-bedside review: Rapid molecular diagnostics for bloodstream infection--a new frontier?. <i>Critical Care</i> , 2012 , 16, 222	10.8	80
300	A novel multiplex real-time PCR assay for rapid typing of major staphylococcal cassette chromosome <i>mec</i> elements. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 3309-12	9.7	80

299	The CodY pleiotropic repressor controls virulence in gram-positive pathogens. <i>FEMS Immunology and Medical Microbiology</i> , 2011 , 62, 123-39		78
298	Global analysis of the Staphylococcus aureus response to mupirocin. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 787-804	5.9	78
297	High prevalence of the arginine catabolic mobile element in carriage isolates of methicillin-resistant Staphylococcus epidermidis. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 29-36 ^{5.1}		77
296	Daptomycin resistance mechanisms in clinically derived Staphylococcus aureus strains assessed by a combined transcriptomics and proteomics approach. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1696-711	5.1	76
295	Evaluation of matrix-assisted laser desorption ionization-time of flight mass spectrometry for rapid identification of Beta-hemolytic streptococci. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 3004-5	9.7	75
294	Molecular analysis of NDM-1-producing enterobacterial isolates from Geneva, Switzerland. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1730-3	5.1	71
293	Genomic analysis of an emerging multiresistant Staphylococcus aureus strain rapidly spreading in cystic fibrosis patients revealed the presence of an antibiotic inducible bacteriophage. <i>Biology Direct</i> , 2009 , 4, 1	7.2	71
292	Contamination of stethoscopes and physicians hands after a physical examination. <i>Mayo Clinic Proceedings</i> , 2014 , 89, 291-9	6.4	70
291	Standard Genotyping Overestimates Transmission of Mycobacterium tuberculosis among Immigrants in a Low-Incidence Country. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1862-1870	9.7	70
290	Evaluation of three molecular assays for rapid identification of methicillin-resistant Staphylococcus aureus. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 2011-3	9.7	69
289	Detection of Kingella kingae osteoarticular infections in children by oropharyngeal swab PCR. <i>Pediatrics</i> , 2013 , 131, e230-5	7.4	67
288	Methicillin-susceptible ST398 Staphylococcus aureus responsible for bloodstream infections: an emerging human-adapted subclone?. <i>PLoS ONE</i> , 2011 , 6, e28369	3.7	67
287	Emergence of unusual bloodstream infections associated with pig-borne-like Staphylococcus aureus ST398 in France. <i>Clinical Infectious Diseases</i> , 2011 , 52, 152-3	11.6	66
286	Lack of biofilm contribution to bacterial colonisation in an experimental model of foreign body infection by Staphylococcus aureus and Staphylococcus epidermidis. <i>FEMS Immunology and Medical Microbiology</i> , 2003 , 35, 135-40		66
285	Modelling the impact of antibiotic use on antibiotic-resistant Escherichia coli using population-based data from a large hospital and its surrounding community. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 928-35	5.1	65
284	A recA-LexA-dependent pathway mediates ciprofloxacin-induced fibronectin binding in Staphylococcus aureus. <i>Journal of Biological Chemistry</i> , 2004 , 279, 9064-71	5.4	65
283	Comparison of DNA extraction methods in analysis of salivary bacterial communities. <i>PLoS ONE</i> , 2013 , 8, e67699	3.7	62
282	Identification of plasma proteins adsorbed on hemodialysis tubing that promote Staphylococcus aureus adhesion. <i>Translational Research</i> , 2000 , 135, 32-42		62

281	Analysis of the small RNA transcriptional response in multidrug-resistant <i>Staphylococcus aureus</i> after antimicrobial exposure. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 3864-74	5.9	61
280	HIV infection disrupts the sympatric host-pathogen relationship in human tuberculosis. <i>PLoS Genetics</i> , 2013 , 9, e1003318	6	61
279	Differentiating osteoarticular infections caused by <i>Kingella kingae</i> from those due to typical pathogens in young children. <i>Pediatric Infectious Disease Journal</i> , 2011 , 30, 906-9	3.4	60
278	Methicillin-resistant <i>Staphylococcus aureus</i> , Geneva, Switzerland, 1993-2005. <i>Emerging Infectious Diseases</i> , 2008 , 14, 304-7	10.2	58
277	Mapping axillary microbiota responsible for body odours using a culture-independent approach. <i>Microbiome</i> , 2015 , 3, 3	16.6	56
276	Food poisoning as a cause of acute liver failure. <i>Pediatric Infectious Disease Journal</i> , 2008 , 27, 846-7	3.4	56
275	Impact of oleic acid (cis-9-octadecenoic acid) on bacterial viability and biofilm production in <i>Staphylococcus aureus</i> . <i>FEMS Microbiology Letters</i> , 2008 , 287, 149-55	2.9	56
274	Novel microarray design strategy to study complex bacterial communities. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 1876-85	4.8	55
273	Correlation of proteomic and transcriptomic profiles of <i>Staphylococcus aureus</i> during the post-exponential phase of growth. <i>Journal of Microbiological Methods</i> , 2005 , 60, 247-57	2.8	55
272	Use of diagnostic microarrays for determination of virulence gene patterns of <i>Escherichia coli</i> K1, a major cause of neonatal meningitis. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 1024-31	9.7	55
271	Molecular basis of virulence in <i>Staphylococcus aureus</i> mastitis. <i>PLoS ONE</i> , 2011 , 6, e27354	3.7	55
270	Clinical metagenomics of bone and joint infections: a proof of concept study. <i>Scientific Reports</i> , 2017 , 7, 7718	4.9	53
269	Bacterial diversity in oral samples of children in niger with acute noma, acute necrotizing gingivitis, and healthy controls. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1556	4.8	52
268	<i>Bordetella holmesii</i> : an under-recognised <i>Bordetella</i> species. <i>Lancet Infectious Diseases</i> , 2014 , 14, 510-9	25.5	50
267	Blue light-mediated inactivation of <i>Enterococcus faecalis</i> in vitro. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013 , 10, 134-40	3.5	49
266	Modulation of fibronectin adhesins and other virulence factors in a teicoplanin-resistant derivative of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 2958-65	5.9	49
265	The CshA DEAD-box RNA helicase is important for quorum sensing control in <i>Staphylococcus aureus</i> . <i>RNA Biology</i> , 2013 , 10, 157-65	4.8	48
264	Proteomic approaches to study <i>Staphylococcus aureus</i> pathogenesis. <i>Journal of Proteomics</i> , 2010 , 73, 701-8	3.9	47

263	Use of oligoarrays for characterization of community-onset methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , 2006 , 44, 1040-8	9.7	46
262	Analysis of the salivary microbiome using culture-independent techniques. <i>Journal of Clinical Bioinformatics</i> , 2012 , 2, 4		45
261	Burden of bloodstream infection caused by extended-spectrum β -lactamase-producing enterobacteriaceae determined using multistate modeling at a Swiss University Hospital and a nationwide predictive model. <i>Infection Control and Hospital Epidemiology</i> , 2013 , 34, 133-43	2	45
260	Molecular identification of <i>Fusarium</i> species in onychomycoses. <i>Dermatology</i> , 2005 , 210, 21-5	4.4	45
259	Flow cytometric assessment of <i>Streptococcus mutans</i> viability after exposure to blue light-activated curcumin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014 , 11, 372-9	3.5	44
258	Decolonization of intestinal carriage of extended-spectrum β -lactamase-producing Enterobacteriaceae with oral colistin and neomycin: a randomized, double-blind, placebo-controlled trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2375-82	5.1	44
257	Decontamination of 16S rRNA gene amplicon sequence datasets based on bacterial load assessment by qPCR. <i>BMC Microbiology</i> , 2016 , 16, 73	4.5	43
256	De novo finished 2.8 Mbp <i>Staphylococcus aureus</i> genome assembly from 100 bp short and long range paired-end reads. <i>Bioinformatics</i> , 2014 , 30, 40-9	7.2	43
255	Human-to-bovine jump of <i>Staphylococcus aureus</i> CC8 is associated with the loss of a β -hemolysin converting prophage and the acquisition of a new staphylococcal cassette chromosome. <i>PLoS ONE</i> , 2013 , 8, e58187	3.7	42
254	Role of the SaeRS two-component regulatory system in <i>Staphylococcus epidermidis</i> autolysis and biofilm formation. <i>BMC Microbiology</i> , 2011 , 11, 146	4.5	42
253	Small risk of osteoarticular infections in children with asymptomatic oropharyngeal carriage of <i>Kingella kingae</i> . <i>Pediatric Infectious Disease Journal</i> , 2012 , 31, 983-5	3.4	42
252	Risk factors for methicillin-resistant <i>Staphylococcus aureus</i> surgical site infection. <i>Infection Control and Hospital Epidemiology</i> , 2008 , 29, 890-3	2	42
251	Transcriptomic and functional analysis of an autolysis-deficient, teicoplanin-resistant derivative of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 3048-61	5.9	42
250	Comparison of fluorescence and resonance light scattering for highly sensitive microarray detection of bacterial pathogens. <i>Journal of Microbiological Methods</i> , 2003 , 55, 755-62	2.8	41
249	Intensive therapy with ceftobiprole medocaril of experimental foreign-body infection by methicillin-resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3789-93	5.9	41
248	Impact of Hypocaloric Hyperproteic Diet on Gut Microbiota in Overweight or Obese Patients with Nonalcoholic Fatty Liver Disease: A Pilot Study. <i>Digestive Diseases and Sciences</i> , 2016 , 61, 2721-31	4	41
247	Risk factors for noma disease: a 6-year, prospective, matched case-control study in Niger. <i>The Lancet Global Health</i> , 2013 , 1, e87-e96	13.6	40
246	The β -dependent yabJ-spoVG operon is involved in the regulation of extracellular nuclease, lipase, and protease expression in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 4954-62	3.5	39

245	Comparative efficacy of daptomycin and vancomycin in the therapy of experimental foreign body infection due to <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 52, 89-95	5.1	39
244	Highly supralinear feedback inhibition of Ca ²⁺ uptake by the Ca ²⁺ load of intracellular stores. <i>Journal of Biological Chemistry</i> , 1996 , 271, 14925-30	5.4	39
243	<i>Staphylococcus aureus</i> , phagocyte NADPH oxidase and chronic granulomatous disease. <i>FEMS Microbiology Reviews</i> , 2017 , 41, 139-157	15.1	38
242	Comparison of four chromogenic media for culture-based screening of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Medical Microbiology</i> , 2007 , 56, 500-503	3.2	37
241	Effect of outpatient antibiotics for urinary tract infections on antimicrobial resistance among commensal Enterobacteriaceae: a multinational prospective cohort study. <i>Clinical Microbiology and Infection</i> , 2018 , 24, 972-979	9.5	36
240	Emergence of ESBL-producing <i>Escherichia coli</i> ST131-C1-M27 clade colonizing patients in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2973-2980	5.1	36
239	Molecular diagnosis of bloodstream infections: planning to (physically) reach the bedside. <i>Current Opinion in Infectious Diseases</i> , 2010 , 23, 311-9	5.4	36
238	Clinical relevance of new diagnostic methods for bloodstream infections. <i>International Journal of Antimicrobial Agents</i> , 2007 , 30 Suppl 1, S2-6	14.3	36
237	Antibacterial efficacy of accelerated photoactivated chromophore for keratitis-corneal collagen cross-linking (PACK-CXL). <i>Journal of Refractive Surgery</i> , 2014 , 30, 850-4	3.3	35
236	Prevalence and prediction of previously unknown MRSA carriage on admission to a geriatric hospital. <i>Age and Ageing</i> , 2005 , 34, 456-62	3	35
235	Azole Resistance of Environmental and Clinical <i>Aspergillus fumigatus</i> Isolates from Switzerland. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	34
234	Colistin Heteroresistance and Involvement of the PmrAB Regulatory System in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	34
233	Antimicrobial activity and cytotoxicity of 3 photosensitizers activated with blue light. <i>Journal of Endodontics</i> , 2014 , 40, 427-31	4.7	34
232	A predictive model for identifying surgical patients at risk of methicillin-resistant <i>Staphylococcus aureus</i> carriage on admission. <i>Journal of the American College of Surgeons</i> , 2008 , 207, 683-9	4.4	34
231	Induction of fibronectin adhesins in quinolone-resistant <i>Staphylococcus aureus</i> by subinhibitory levels of ciprofloxacin or by sigma B transcription factor activity is mediated by two separate pathways. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 916-24	5.9	34
230	Root Microbiota in Primary and Secondary Apical Periodontitis. <i>Frontiers in Microbiology</i> , 2018 , 9, 2374	5.7	33
229	Use of <i>Treponema pallidum</i> PCR in testing of ulcers for diagnosis of primary syphilis. <i>Emerging Infectious Diseases</i> , 2015 , 21, 127-9	10.2	32
228	Accelerated photoactivated chromophore for keratitis-corneal collagen cross-linking as a first-line and sole treatment in early fungal keratitis. <i>Journal of Refractive Surgery</i> , 2014 , 30, 855-7	3.3	32

227	Rapid <i>Staphylococcus aureus</i> agr type determination by a novel multiplex real-time quantitative PCR assay. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 1892-5	9.7	32
226	Comparison of levofloxacin, alatrofloxacin, and vancomycin for prophylaxis and treatment of experimental foreign-body-associated infection by methicillin-resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 1503-9	5.9	32
225	<i>Staphylococcus aureus</i> seroproteomes discriminate ruminant isolates causing mild or severe mastitis. <i>Veterinary Research</i> , 2011 , 42, 35	3.8	31
224	Development and validation of a modified broad-range 16S rDNA PCR for diagnostic purposes in clinical microbiology. <i>Journal of Microbiological Methods</i> , 2009 , 79, 227-31	2.8	31
223	Nonredundant mass spectrometry: a strategy to integrate mass spectrometry acquisition and analysis. <i>Proteomics</i> , 2004 , 4, 917-27	4.8	31
222	Primary epiphyseal or apophyseal subacute osteomyelitis in the pediatric population: a report of fourteen cases and a systematic review of the literature. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96, 1570-5	5.6	29
221	Identification of respiratory microbiota markers in ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2019 , 45, 1082-1092	14.5	28
220	Establishing Genotype-to-Phenotype Relationships in Bacteria Causing Hospital-Acquired Pneumonia: A Prelude to the Application of Clinical Metagenomics. <i>Antibiotics</i> , 2017 , 6,	4.9	28
219	Production of reactive oxygen species from photosensitizers activated with visible light sources available in dental offices. <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 519-25		28
218	Is throat screening necessary to detect methicillin-resistant <i>Staphylococcus aureus</i> colonization in patients upon admission to an intensive care unit?. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 1072-3	9.7	28
217	Detection of Bacterial Pathogens from Broncho-Alveolar Lavage by Next-Generation Sequencing. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	27
216	Screening for staphylococcal superantigen genes shows no correlation with the presence or the severity of chronic rhinosinusitis and nasal polyposis. <i>PLoS ONE</i> , 2010 , 5, e9525	3.7	27
215	Identification by genomic and genetic analysis of two new genes playing a key role in intermediate glycopeptide resistance in <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 903-11	5.9	27
214	<i>Kingella kingae</i> spondylodiscitis in young children: toward a new approach for bacteriological investigations? A preliminary report. <i>Journal of Children's Orthopaedics</i> , 2010 , 4, 173-5	2.1	27
213	Tracking methicillin-resistant <i>Staphylococcus aureus</i> clones in Colombian hospitals over 7 years (1996-2003): emergence of a new dominant clone. <i>International Journal of Antimicrobial Agents</i> , 2005 , 26, 457-62	14.3	27
212	Mass spectrometry methods for predicting antibiotic resistance. <i>Proteomics - Clinical Applications</i> , 2016 , 10, 964-981	3.1	27
211	Carriage of extended-spectrum beta-lactamase-producing enterobacteriaceae among internal medicine patients in Switzerland. <i>Antimicrobial Resistance and Infection Control</i> , 2013 , 2, 20	6.2	26
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