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List of Publications by Year
in descending order

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46 papers	1,531 citations	331538 21 h-index	315616 38 g-index
47 all docs	47 docs citations	47 times ranked	2155 citing authors

#	Article	IF	Citations
1	Slaughterhouse wastewater as a reservoir for extended-spectrum Î²-lactamase (ESBL)-producing, and colistin-resistant Klebsiella spp. and their impact in a â€œOne Healthâ€•perspective. Science of the Total Environment, 2022, 804, 150000.	3.9	15
2	The complex role of microbial metabolic activity in fossilization. Biological Reviews, 2022, 97, 449-465.	4.7	9
3	Dissemination of carbapenem resistant bacteria from hospital wastewater into the environment. Science of the Total Environment, 2022, 806, 151339.	3.9	17
4	Genetic Characterization of Carbapenem-Resistant Klebsiella spp. from Municipal and Slaughterhouse Wastewater. Antibiotics, 2022, 11, 435.	1.5	9
5	The RNA Polymerase Inhibitor Corallopyronin A Has a Lower Frequency of Resistance Than Rifampicin in Staphylococcus aureus. Antibiotics, 2022, 11, 920.	1.5	4
6	Clinically relevant antibiotic-resistant bacteria in aquatic environments â€“ An optimized culture-based approach. Science of the Total Environment, 2021, 750, 142265.	3.9	15
7	Clinically Relevant Escherichia coli Isolates from Process Waters and Wastewater of Poultry and Pig Slaughterhouses in Germany. Microorganisms, 2021, 9, 698.	1.6	17
8	Antibiotic-Resistant Bacteria in Clamsâ€”A Study on Mussels in the River Rhine. Antibiotics, 2021, 10, 571.	1.5	3
9	Global Distribution Patterns of Carbapenemase-Encoding Bacteria in a New Light: Clues on a Role for Ethnicity. Frontiers in Cellular and Infection Microbiology, 2021, 11, 659753.	1.8	11
10	Antibiotic-resistant bacteria, antibiotic resistance genes, and antibiotic residues in wastewater from a poultry slaughterhouse after conventional and advanced treatments. Scientific Reports, 2021, 11, 16622.	1.6	22
11	The Role of Î²-Glycosylated Wall Teichoic Acids in the Reduction of Vancomycin Susceptibility in Vancomycin-Intermediate Staphylococcus aureus. Microbiology Spectrum, 2021, 9, e0052821.	1.2	12
12	The hypersusceptible antibiotic screening strain Staphylococcus aureus SG511-Berlin harbors multiple mutations in regulatory genes. International Journal of Medical Microbiology, 2021, 311, 151545.	1.5	3
13	DNA from resin-embedded organisms: Past, present and future. PLoS ONE, 2020, 15, e0239521.	1.1	8
14	Bacteria isolated from hospital, municipal and slaughterhouse wastewaters show characteristic, different resistance profiles. Science of the Total Environment, 2020, 746, 140894.	3.9	26
15	Evaluation of the Flexural Strength, Water Sorption, and Solubility of a Glass Ionomer Dental Cement Modified Using Phytomedicine. Materials, 2020, 13, 5352.	1.3	12
16	Colistin-Resistant Enterobacteriaceae Isolated From Process Waters and Wastewater From German Poultry and Pig Slaughterhouses. Frontiers in Microbiology, 2020, 11, 575391.	1.5	26
17	Evaluation of the antimicrobial activity and compressive strength of a dental cement modified using plant extract mixture. Journal of Materials Science: Materials in Medicine, 2020, 31, 116.	1.7	15
18	Experimental taphonomy of fish - role of elevated pressure, salinity and pH. Scientific Reports, 2020, 10, 7839.	1.6	17

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19	Antibiotic-resistant bacteria and antimicrobial residues in wastewater and process water from German pig slaughterhouses and their receiving municipal wastewater treatment plants. Science of the Total Environment, 2020, 727, 138788.	3.9	57
20	YycH and YycI Regulate Expression of Staphylococcus aureus Autolysins by Activation of WalRK Phosphorylation. Microorganisms, 2020, 8, 870.	1.6	19
21	ESKAPE Bacteria and Extended-Spectrum-Î²-Lactamase-Producing Escherichia coli Isolated from Wastewater and Process Water from German Poultry Slaughterhouses. Applied and Environmental Microbiology, 2020, 86, .	1.4	67
22	Dissemination of multi-resistant Gram-negative bacteria into German wastewater and surface waters. FEMS Microbiology Ecology, 2018, 94, .	1.3	75
23	Detection of methicillin-resistant coagulase-negative staphylococci harboring the class A mec complex by MALDI-TOF mass spectrometry. International Journal of Medical Microbiology, 2018, 308, 522-526.	1.5	17
24	Influence of IS 256 on Genome Variability and Formation of Small-Colony Variants in Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	22
25	Activation of the glmS Ribozyme Confers Bacterial Growth Inhibition. ChemBioChem, 2017, 18, 435-440.	1.3	24
26	The cell wall precursor lipid II acts as a molecular signal for the Ser/Thr kinase PknB of Staphylococcus aureus. International Journal of Medical Microbiology, 2017, 307, 1-10.	1.5	70
27	Bacterial Histidine Kinases: Overexpression, Purification, and Inhibitor Screen. Methods in Molecular Biology, 2017, 1520, 247-259.	0.4	6
28	Antigen delivery to dendritic cells shapes human CD4+ and CD8+ T cell memory responses to Staphylococcus aureus. PLoS Pathogens, 2017, 13, e1006387.	2.1	24
29	Genome Sequence of Bacillus pumilus Strain Bonn, Isolated from an Anthrax-Like Necrotic Skin Infection Site of a Child. Genome Announcements, 2016, 4, .	0.8	9
30	Draft Genome Sequences of Three Northern German Epidemic Staphylococcus aureus (ST247) Strains Containing Multiple Copies of IS 256. Genome Announcements, 2016, 4, .	0.8	3
31	Analysis of Transmission of MRSA and ESBL-E among Pigs and Farm Personnel. PLoS ONE, 2015, 10, e0138173.	1.1	65
32	Pseudomycoicidin, a Class II Lantibiotic from Bacillus pseudomycoides. Applied and Environmental Microbiology, 2015, 81, 3419-3429.	1.4	39
33	Insights into Structureâ€“Activity Relationships of Bacterial RNA Polymerase Inhibiting Corallopyronin Derivatives. Journal of Natural Products, 2015, 78, 2505-2509.	1.5	40
34	Eradication of Methicillin-Resistant Staphylococcus aureus and of Enterobacteriaceae Expressing Extended-Spectrum Beta-Lactamases on a Model Pig Farm. Applied and Environmental Microbiology, 2015, 81, 7633-7643.	1.4	18
35	Structural Variations of the Cell Wall Precursor Lipid II and Their Influence on Binding and Activity of the Lipoglycopeptide Antibiotic Oritavancin. Antimicrobial Agents and Chemotherapy, 2015, 59, 772-781.	1.4	43
36	Killing of Staphylococci by Î²-Defensins Involves Membrane Impairment and Activation of Autolytic Enzymes. Antibiotics, 2014, 3, 617-631.	1.5	36

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37	Lantibiotics: Promising candidates for future applications in health care. International Journal of Medical Microbiology, 2014, 304, 51-62.	1.5	170
38	The search for new anti-infective drugs: Untapped resources and strategies. International Journal of Medical Microbiology, 2014, 304, 1-2.	1.5	3
39	Generation of a vancomycin-intermediate Staphylococcus aureus (VISA) strain by two amino acid exchanges in VraS. Journal of Antimicrobial Chemotherapy, 2014, 69, 3190-3198.	1.3	28
40	Heterogeneity of Host TLR2 Stimulation by Staphylocoocus aureus Isolates. PLoS ONE, 2014, 9, e96416.	1.1	25
41	Genome Sequence of Staphylococcus aureus VC40, a Vancomycin- and Daptomycin-Resistant Strain, To Study the Genetics of Development of Resistance to Currently Applied Last-Resort Antibiotics. Journal of Bacteriology, 2012, 194, 2107-2108.	1.0	21
42	Revisiting the genomes of the Staphylococcus aureus strains NCTC 8325 and RN4220. International Journal of Medical Microbiology, 2012, 302, 84-87.	1.5	24
43	Purification and Activity Testing of the Full-Length YycFGHI Proteins of Staphylococcus aureus. PLoS ONE, 2012, 7, e30403.	1.1	40
44	Lytic Activity of Recombinant Bacteriophage Ï†11 and Ï†12 Endolysins on Whole Cells and Biofilms of Staphylococcus aureus. Applied and Environmental Microbiology, 2007, 73, 347-352.	1.4	200
45	Morphological and Genetic Differences in Two Isogenic Staphylococcus aureus Strains with Decreased Susceptibilities to Vancomycin. Antimicrobial Agents and Chemotherapy, 2003, 47, 568-576.	1.4	75
46	An Elevated Mutation Frequency Favors Development of Vancomycin Resistance in Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2002, 46, 3540-3548.	1.4	70