Seydina M Diene

List of Publications by Year
in descending order

86 papers	3,352 citations	201674 27 h-index	161849 54 g-index
90 all docs	90 docs citations	90 times ranked	4929 citing authors

#	Article	IF	Citations
1	Genomic characterisation of an mcr-1 and mcr-3-producing Escherichia coli strain isolated from pigs in France. Journal of Global Antimicrobial Resistance, 2022, 28, 174-179.	2.2	5
2	Genomic features of an isolate of Empedobacter falsenii harbouring a novel variant of metallo-Î²-lactamase, blaEBR-4 gene. Infection, Genetics and Evolution, 2022, 98, 105234.	2.3	2
3	Screening of Colistin-Resistant Bacteria in Domestic Pets from France. Animals, 2022, 12, 633.	2.3	7
4	Prevalence and Antimicrobial Resistance of Paeniclostridium sordellii in Hospital Settings. Antibiotics, 2022, 11, 38.	3.7	4
5	Bhargavaea massiliensis sp. nov. and Dietzia massiliensis sp. nov., Novel Bacteria Species Isolated from Human Urine Samples in Nigeria. Current Microbiology, 2022, 79, 18.	2.2	0
6	Mobile Colistin Resistance (mcr) Genes in Cats and Dogs and Their Zoonotic Transmission Risks. Pathogens, 2022, 11, 698.	2.8	14
7	fosM , a New Family of Fosfomycin Resistance Genes Identified in Bacterial Species Isolated from Human Microbiota. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	6
8	Dissemination of Carbapenemases (OXA-48, NDM and VIM) Producing Enterobacteriaceae Isolated from the Mohamed VI University Hospital in Marrakech, Morocco. Antibiotics, 2021, 10, 492.	3.7	18
9	12/111phiA Prophage Domestication Is Associated with Autoaggregation and Increased Ability to Produce Biofilm in Streptococcus agalactiae. Microorganisms, 2021, 9, 1112.	3.6	2
10	Extensive Comparative Genomic Analysis of Enterococcus faecalis and Enterococcus faecium Reveals a Direct Association between the Absence of CRISPRâ€“Cas Systems, the Presence of Anti-Endonuclease (ardA) and the Acquisition of Vancomycin Resistance in E. faecium. Microorganisms, 2021, 9, 1118.	3.6	6
11	A metallo-Î²-lactamase enzyme for internal detoxification of the antibiotic thienamycin. Scientific Reports, 2021, 11, 10062.	3.3	7
12	High frequency and diversity of Vancomycin-resistant Enterococci (VRE) in Algerian healthcare settings. Infection, Genetics and Evolution, 2021, 92, 104889.	2.3	4
13	First Genome Description of Providencia vermicola Isolate Bearing NDM-1 from Blood Culture. Microorganisms, 2021, 9, 1751.	3.6	4
14	Historical, current, and emerging tools for identification and serotyping of Shigella. Brazilian Journal of Microbiology, 2021, 52, 2043-2055.	2.0	8
15	Limosilactobacillus caccae sp. nov., a new bacterial species isolated from the human gut microbiota. FEMS Microbiology Letters, 2021, 368, .	1.8	1
16	Occurrence of NDM-1 and VIM-2 Co-Producing Escherichia coli and OprD Alteration in Pseudomonas aeruginosa Isolated from Hospital Environment Samples in Northwestern Tunisia. Diagnostics, 2021, 11, 1617.	2.6	2
17	First Isolation and Clinical Case of Brevundimonas diminuta in a Newborn with Low Birth Weight, in Democratic Republic of Congo: A Case Report. Medicina (Lithuania), 2021, 57, 1227.	2.0	2
18	Real-Time PCR Assay for Rapid and Simultaneous Detection of vanA and vanB Genes in Clinical Strains. Diagnostics, 2021, 11, 2081.	2.6	1

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19	Emergence of Methicillin-Resistant Staphylococcus aureus ST239/241 SCCmec-III Mercury in Eastern Algeria. Pathogens, 2021, 10, 1503.	2.8	11
20	Molecular Characterization of Clinical Carbapenem-Resistant Enterobacteriaceae Isolates from SÃ©tif, Algeria. Microbial Drug Resistance, 2021, , .	2.0	1
21	Development of real-time PCR assay allowed describing the first clinical Klebsiella pneumoniae isolate harboring plasmid-mediated colistin resistance mcr-8 gene in Algeria. Journal of Global Antimicrobial Resistance, 2020, 20, 266-271.	2.2	44
22	Intestinal carriage of colistin-resistant Enterobacteriaceae at Saint Georges Hospital in Lebanon. Journal of Global Antimicrobial Resistance, 2020, 21, 386-390.	2.2	14
23	Culturing Ancient Bacteria Carrying Resistance Genes from Permafrost and Comparative Genomics with Modern Isolates. Microorganisms, 2020, 8, 1522.	3.6	6
24	Dual RNase and Î²-lactamase Activity of a Single Enzyme Encoded in Archaea. Life, 2020, 10, 280.	2.4	12
25	Investigation of anÂXDR-Acinetobacter baumannii ST2 outbreak in an intensive care unit of a Lebanese tertiary care hospital. Future Microbiology, 2020, 15, 1535-1542.	2.0	11
26	First whole genome sequence of Paenalcaligenes suwonensis bearing blaVIM-5 Metallo-Î²-lactamase: A clinical isolate responsible for acute gastroenteritis. Infection, Genetics and Evolution, 2020, 85, 104513.	2.3	2
27	Promiscuous Enzyme Activity as a Driver of Allo and Iso Convergent Evolution, Lessons from the Î²-Lactamases. International Journal of Molecular Sciences, 2020, 21, 6260.	4.1	5
28	Inactivation of thymidine kinase as a cause of resistance to zidovudine in clinical isolates of Escherichia coli: a phenotypic and genomic study. Journal of Antimicrobial Chemotherapy, 2020, 75, 1410-1414.	3.0	5
29	Bacterial infection during wars, conflicts and post-natural disasters in Asia and the Middle East: a narrative review. Expert Review of Anti-Infective Therapy, 2020, 18, 511-529.	4.4	7
30	Massive analysis of 64,628 bacterial genomes to decipher water reservoir and origin of mobile colistin resistance genes: is there another role for these enzymes?. Scientific Reports, 2020, 10, 5970.	3.3	48
31	Molecular Characterization of Multidrug-Resistant Escherichia coli Isolated from Milk of Dairy Cows with Clinical Mastitis in Algeria. Journal of Food Protection, 2020, 83, 2173-2178.	1.7	9
32	Spread of Carbapenem and Colistin-Resistant Klebsiella pneumoniae ST512 Clinical Isolates in Israel: A Cause for Vigilance. Microbial Drug Resistance, 2019, 25, 63-71.	2.0	24
33	Human metallo-Î²-lactamase enzymes degrade penicillin. Scientific Reports, 2019, 9, 12173.	3.3	34
34	Autochthonous case of mobile colistin resistance gene mcr-1 from a uropathogenic Escherichia coli isolate in SÃ©tif Hospital, Algeria. Journal of Global Antimicrobial Resistance, 2019, 19, 356-357.	2.2	11
35	Detection of a new variant of OXA-23 carbapenemase in Acinetobacter radioresistens isolates from urban animals in Marseille, France. Journal of Global Antimicrobial Resistance, 2019, 16, 178-180.	2.2	1
36	Investigation of multidrug-resistant ST2 Acinetobacter baumannii isolated from Saint George hospital in Lebanon. BMC Microbiology, 2019, 19, 29.	3.3	26

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37	Temperate Prophages Increase Bacterial Adhesin Expression and Virulence in an Experimental Model of Endocarditis Due to Staphylococcus aureus From the CC398 Lineage. Frontiers in Microbiology, 2019, 10, 742.	3.5	22
38	Prevalence and characterization of Staphylococcus aureus in wastewater treatment plants by whole genomic sequencing. Water Research, 2019, 158, 193-202.	11.3	19
39	How to discover new antibiotic resistance genes?. Expert Review of Molecular Diagnostics, 2019, 19, 349-362.	3.1	15
40	An Integrative Database of Î²-Lactamase Enzymes: Sequences, Structures, Functions, and Phylogenetic Trees. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	8
41	Colistin- and Carbapenem-Resistant Klebsiella pneumoniae Clinical_Isolates: Algeria. Microbial Drug Resistance, 2019, 25, 258-263.	2.0	21
42	Evaluation of different testing tools for the identification of non-gonococcal Neisseria spp. isolated from Lebanese male semen: a strong and significant association with infertility. Journal of Medical Microbiology, 2019, 68, 1012-1020.	1.8	7
43	Differential expression of hemoglobin receptor, HmbR, between carriage and invasive isolates of Neisseria meningitidis contributes to virulence: lessons from a clonal outbreak. Virulence, 2018, 9, 923-929.	4.4	9
44	Characterisation of bla OXA-538 , a new variant of bla OXA-48 , in Shewanella xiamenensis isolated from river water in Algeria. Journal of Global Antimicrobial Resistance, 2018, 13, 70-73.	2.2	14
45	Characterization of Staphylococcus aureus Isolated from Food Products in Western Algeria. Foodborne Pathogens and Disease, 2018, 15, 353-360.	1.8	37
46	Human microbiomes and antibiotic resistance. Human Microbiome Journal, 2018, 10, 43-52.	3.8	84
47	Molecular characterization of carbapenem-resistant Gram-negative bacilli clinical isolates in Algeria. Infection and Drug Resistance, 2018, Volume 11, 735-742.	2.7	20
48	Dual infections of two carbapenemase-producing Acinetobacter baumannii clinical strains isolated from the same blood culture sample of a patient in Iran. Antimicrobial Resistance and Infection Control, 2018, 7, 39.	4.1	4
49	Deciphering Heteroresistance to Colistin in a Klebsiella pneumoniae Isolate from Marseille, France. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	31
50	How artificial is the antibiotic resistance definition?. Lancet Infectious Diseases, The, 2017, 17, 690.	9.1	8
51	First report of colistin-resistant Klebsiella pneumoniae clinical isolates in Lebanon. Journal of Global Antimicrobial Resistance, 2017, 9, 15-16.	2.2	18
52	Prophages and adaptation of Staphylococcus aureus ST398 to the human clinic. BMC Genomics, 2017, 18, 133.	2.8	47
53	Genome of the carbapenemase-producing clinical isolate Elizabethkingia miricola EM_CHUV and comparative genomics with Elizabethkingia meningoseptica and Elizabethkingia anophelis : evidence for intrinsic multidrug resistance trait of emerging pathogens. International Journal of Antimicrobial Agents, 2017, 49, 93-97.	2.5	34
54	Study of mcr-1 Gene-Mediated Colistin Resistance in Enterobacteriaceae Isolated from Humans and Animals in Different Countries. Genes, 2017, 8, 394.	2.4	57

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55	A Potential New Human Pathogen Belonging to Helicobacter Genus, Identified in a Bloodstream Infection. Frontiers in Microbiology, 2017, 8, 2533.	3.5	10
56	Emergence ofbla_{NDM-7}â€“ProducingEnterobacteriaceaein Gabon, 2016. Emerging Infectious Diseases, 2017, 23, 356-358.	4.3	23
57	Enigmatic occurrence of NDM-7 enzyme in the community. International Journal of Antimicrobial Agents, 2016, 47, 505-507.	2.5	9
58	Reply to Planet et al. Journal of Infectious Diseases, 2016, 214, 1610-1611.	4.0	0
59	Genomic Plasticity of Multidrug-Resistant NDM-1 Positive Clinical Isolate ofProvidencia rettgeri. Genome Biology and Evolution, 2016, 8, 723-728.	2.5	22
60	The SIB Swiss Institute of Bioinformaticsâ€™ resources: focus on curated databases. Nucleic Acids Research, 2016, 44, D27-D37.	14.5	64
61	Comparative Genomics of Community-Associated Methicillin-ResistantStaphylococcus aureusShows the Emergence of Clone ST8-USA300 in Geneva, Switzerland. Journal of Infectious Diseases, 2016, 213, 1370-1379.	4.0	43
62	Comparative Genomics Analysis of Streptococcus tigurinus Strains Identifies Genetic Elements Specifically and Uniquely Present in Highly Virulent Strains. PLoS ONE, 2016, 11, e0160554.	2.5	7
63	Whole-Genome Sequence of Chryseobacterium oranimense, a Colistin-Resistant Bacterium Isolated from a Cystic Fibrosis Patient in France. Antimicrobial Agents and Chemotherapy, 2015, 59, 1696-1706.	3.2	29
64	Worldwide emergence of colistin resistance in Klebsiella pneumoniae from healthy humans and patients in Lao PDR, Thailand, Israel, Nigeria and France owing to inactivation of the PhoP/PhoQ regulator mgrB: an epidemiological and molecular study. International Journal of Antimicrobial Agents, 2014, 44, 500-507.	2.5	246
65	ARG-ANNOT, a New Bioinformatic Tool To Discover Antibiotic Resistance Genes in Bacterial Genomes. Antimicrobial Agents and Chemotherapy, 2014, 58, 212-220.	3.2	1,158
66	Carbapenemase genes and genetic platforms in Gram-negative bacilli: Enterobacteriaceae, Pseudomonas and Acinetobacter species. Clinical Microbiology and Infection, 2014, 20, 831-838.	6.0	163
67	Genome analysis of NDM-1 producingMorganella morganiiclinical isolate. Expert Review of Anti-Infective Therapy, 2014, 12, 1297-1305.	4.4	34
68	Emergence of VIM-2 and IMP-15 Carbapenemases and Inactivation of oprD Gene in Carbapenem-Resistant Pseudomonas aeruginosa Clinical Isolates from Lebanon. Antimicrobial Agents and Chemotherapy, 2014, 58, 4966-4970.	3.2	34
69	Non-contiguous finished genome sequence and description of Bacillus massilioalgeriensis sp. nov.. Standards in Genomic Sciences, 2014, 9, 1046-1061.	1.5	8
70	Non-contiguous finished genome sequence and description of Paucisalibacillus algeriensis sp. nov.. Standards in Genomic Sciences, 2014, 9, 1352-1365.	1.5	6
71	Phenotypic and genotypic properties of Microbacterium yannicii, a recently described multidrug resistant bacterium isolated from a lung transplanted patient with cystic fibrosis in France. BMC Microbiology, 2013, 13, 97.	3.3	22
72	Emergence of the OXA-23 carbapenemase-encoding gene in multidrug-resistant Acinetobacter baumannii clinical isolates from the Principal Hospital of Dakar, Senegal. International Journal of Infectious Diseases, 2013, 17, e209-e210.	3.3	13

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73	The Rhizome of the Multidrug-Resistant Enterobacter aerogenes Genome Reveals How New â€œKiller Bugsâ€•Are Created because of a Sympatric Lifestyle. Molecular Biology and Evolution, 2013, 30, 369-383.	8.9	113
74	Real-Time Sequencing To Decipher the Molecular Mechanism of Resistance of a Clinical Pan-Drug-Resistant Acinetobacter baumannii Isolate from Marseille, France. Antimicrobial Agents and Chemotherapy, 2013, 57, 592-596.	3.2	70
75	Investigation of <scp>A</scp>cinetobacter baumannii resistance to carbapenems in <scp>M</scp>arseille hospitals, south of <scp>F</scp>rance: a transition from an epidemic to an endemic situation. Apmis, 2013, 121, 64-71.	2.0	34
76	ISPa46, a novel insertion sequence in the oprD porin gene of an imipenem-resistant Pseudomonas aeruginosa isolate from a cystic fibrosis patient in Marseille, France. International Journal of Antimicrobial Agents, 2013, 42, 268-271.	2.5	30
77	Investigation of antibiotic resistance in the genomic era of multidrug-resistant Gram-negative bacilli, especiallyEnterobacteriaceae,PseudomonasandAcinetobacter. Expert Review of Anti-Infective Therapy, 2013, 11, 277-296.	4.4	24
78	Codon Usage, Amino Acid Usage, Transfer RNA and Amino-Acyl-tRNA Synthetases in Mimiviruses. Intervirology, 2013, 56, 364-375.	2.8	17
79	Dissemination of a Class I Integron Carrying VIM-2 Carbapenemase in Pseudomonas aeruginosa Clinical Isolates from a Hospital Intensive Care Unit in Annaba, Algeria. Antimicrobial Agents and Chemotherapy, 2013, 57, 2426-2427.	3.2	42
80	Non-contiguous finished genome sequence and description of Bacillus massiliogorillae sp. nov.. Standards in Genomic Sciences, 2013, 9, 93-105.	1.5	32
81	Biotyping of Multidrug-Resistant Klebsiella pneumoniae Clinical Isolates from France and Algeria Using MALDI-TOF MS. PLoS ONE, 2013, 8, e61428.	2.5	71
82	Genome Sequence of Microbacterium yannicii, a Bacterium Isolated from a Cystic Fibrosis Patient. Journal of Bacteriology, 2012, 194, 4785-4785.	2.2	11
83	Emergence of blaOXA-23 and blaOXA-58 carbapenemase-encoding genes in multidrug-resistant Acinetobacter baumannii isolates from University Hospital of Annaba, Algeria. International Journal of Antimicrobial Agents, 2012, 40, 89-91.	2.5	36
84	Carbapenem Resistance and Acinetobacter baumannii in Senegal: The Paradigm of a Common Phenomenon in Natural Reservoirs. PLoS ONE, 2012, 7, e39495.	2.5	50
85	Real-time PCR assay allows detection of the New Delhi metallo-Î²-lactamase (NDM-1)-encoding gene in France. International Journal of Antimicrobial Agents, 2011, 37, 544-546.	2.5	60
86	Molecular detection of OXA carbapenemase genes in multidrug-resistant Acinetobacter baumannii isolates from Iraq and Georgia. International Journal of Antimicrobial Agents, 2011, 38, 164-168.	2.5	45