

# Seydina M Diene

## 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.

77  
papers

2,216  
citations

22  
h-index

46  
g-index

90  
ext. papers

2,982  
ext. citations

5.8  
avg, IF

5.14  
L-index

#	Paper	IF	Citations
77	Genomic features of an isolate of <i>Empedobacter falsenii</i> harbouring a novel variant of metallo- $\beta$ -lactamase, bla gene.. <i>Infection, Genetics and Evolution</i> , <b>2022</b> , 98, 105234	4.5	1
76	First Isolation and Clinical Case of in a Newborn with Low Birth Weight, in Democratic Republic of Congo: A Case Report. <i>Medicina (Lithuania)</i> , <b>2021</b> , 57,	3.1	0
75	Dissemination of Carbapenemases (OXA-48, NDM and VIM) Producing Isolated from the Mohamed VI University Hospital in Marrakech, Morocco. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	4
74	12/111phiA Prophage Domestication Is Associated with Autoaggregation and Increased Ability to Produce Biofilm in. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	1
73	A metallo- $\beta$ -lactamase enzyme for internal detoxification of the antibiotic thienamycin. <i>Scientific Reports</i> , <b>2021</b> , 11, 10062	4.9	3
72	, a New Family of Fosfomycin Resistance Genes Identified in Bacterial Species Isolated from Human Microbiota. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65,	5.9	3
71	High frequency and diversity of Vancomycin-resistant Enterococci (VRE) in Algerian healthcare settings. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 92, 104889	4.5	1
70	Historical, current, and emerging tools for identification and serotyping of Shigella. <i>Brazilian Journal of Microbiology</i> , <b>2021</b> , 52, 2043-2055	2.2	1
69	Prevalence and Antimicrobial Resistance of in Hospital Settings.. <i>Antibiotics</i> , <b>2021</b> , 11,	4.9	1
68	Bhargavaea massiliensis sp. nov. and Dietzia massiliensis sp. nov., Novel Bacteria Species Isolated from Human Urine Samples in Nigeria.. <i>Current Microbiology</i> , <b>2021</b> , 79, 18	2.4	
67	Inactivation of thymidine kinase as a cause of resistance to zidovudine in clinical isolates of <i>Escherichia coli</i> : a phenotypic and genomic study. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2020</b> , 75, 1410-1414	5.1	3
66	Bacterial infection during wars, conflicts and post-natural disasters in Asia and the Middle East: a narrative review. <i>Expert Review of Anti-Infective Therapy</i> , <b>2020</b> , 18, 511-529	5.5	1
65	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?. <i>Scientific Reports</i> , <b>2020</b> , 10, 5970	4.9	23
64	Molecular Characterization of Multidrug-Resistant <i>Escherichia coli</i> Isolated from Milk of Dairy Cows with Clinical Mastitis in Algeria. <i>Journal of Food Protection</i> , <b>2020</b> , 83, 2173-2178	2.5	5
63	Intestinal carriage of colistin-resistant Enterobacteriaceae at Saint Georges Hospital in Lebanon. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 21, 386-390	3.4	6
62	Culturing Ancient Bacteria Carrying Resistance Genes from Permafrost and Comparative Genomics with Modern Isolates. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	1
61	Dual RNase and $\beta$ -lactamase Activity of a Single Enzyme Encoded in Archaea. <i>Life</i> , <b>2020</b> , 10,	3	7

60	Investigation of an XDR- ST2 outbreak in an intensive care unit of a Lebanese tertiary care hospital. <i>Future Microbiology</i> , <b>2020</b> , 15, 1535-1542	2.9	5
59	First whole genome sequence of <i>Paenaltcaligenes suwonensis</i> bearing bla Metallo-β-lactamase: A clinical isolate responsible for acute gastroenteritis. <i>Infection, Genetics and Evolution</i> , <b>2020</b> , 85, 104513	4.5	1
58	Promiscuous Enzyme Activity as a Driver of Allo and Iso Convergent Evolution, Lessons from the β-lactamases. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
57	Development of real-time PCR assay allowed describing the first clinical <i>Klebsiella pneumoniae</i> isolate harboring plasmid-mediated colistin resistance mcr-8 gene in Algeria. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 20, 266-271	3.4	27
56	Detection of a new variant of OXA-23 carbapenemase in <i>Acinetobacter radioresistens</i> isolates from urban animals in Marseille, France. <i>Journal of Global Antimicrobial Resistance</i> , <b>2019</b> , 16, 178-180	3.4	1
55	Investigation of multidrug-resistant ST2 <i>Acinetobacter baumannii</i> isolated from Saint George hospital in Lebanon. <i>BMC Microbiology</i> , <b>2019</b> , 19, 29	4.5	17
54	Temperate Prophages Increase Bacterial Adhesin Expression and Virulence in an Experimental Model of Endocarditis Due to From the CC398 Lineage. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 742	5.7	13
53	Prevalence and characterization of <i>Staphylococcus aureus</i> in wastewater treatment plants by whole genomic sequencing. <i>Water Research</i> , <b>2019</b> , 158, 193-202	12.5	11
52	How to discover new antibiotic resistance genes?. <i>Expert Review of Molecular Diagnostics</i> , <b>2019</b> , 19, 349-362	3.62	11
51	Spread of Carbapenem and Colistin-Resistant <i>Klebsiella pneumoniae</i> ST512 Clinical Isolates in Israel: A Cause for Vigilance. <i>Microbial Drug Resistance</i> , <b>2019</b> , 25, 63-71	2.9	18
50	Human metallo-β-lactamase enzymes degrade penicillin. <i>Scientific Reports</i> , <b>2019</b> , 9, 12173	4.9	18
49	Autochthonous case of mobile colistin resistance gene mcr-1 from a uropathogenic <i>Escherichia coli</i> isolate in Sif Hospital, Algeria. <i>Journal of Global Antimicrobial Resistance</i> , <b>2019</b> , 19, 356-357	3.4	6
48	Evaluation of different testing tools for the identification of non-gonococcal <i>Neisseria</i> spp. isolated from Lebanese male semen: a strong and significant association with infertility. <i>Journal of Medical Microbiology</i> , <b>2019</b> , 68, 1012-1020	3.2	4
47	An Integrative Database of β-lactamase Enzymes: Sequences, Structures, Functions, and Phylogenetic Trees. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	4
46	Colistin- and Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Clinical_Isolates: Algeria. <i>Microbial Drug Resistance</i> , <b>2019</b> , 25, 258-263	2.9	12
45	Differential expression of hemoglobin receptor, HmbR, between carriage and invasive isolates of <i>Neisseria meningitidis</i> contributes to virulence: lessons from a clonal outbreak. <i>Virulence</i> , <b>2018</b> , 9, 923-929	4.7	6
44	Characterisation of bla <sub>SHV</sub> , a new variant of bla <sub>SHV</sub> , in <i>Shewanella xiamenensis</i> isolated from river water in Algeria. <i>Journal of Global Antimicrobial Resistance</i> , <b>2018</b> , 13, 70-73	3.4	12
43	Characterization of <i>Staphylococcus aureus</i> Isolated From Food Products in Western Algeria. <i>Foodborne Pathogens and Disease</i> , <b>2018</b> , 15, 353-360	3.8	14

42	Molecular characterization of carbapenem-resistant Gram-negative bacilli clinical isolates in Algeria. <i>Infection and Drug Resistance</i> , <b>2018</b> , 11, 735-742	4.2	14
41	Dual infections of two carbapenemase-producing clinical strains isolated from the same blood culture sample of a patient in Iran. <i>Antimicrobial Resistance and Infection Control</i> , <b>2018</b> , 7, 39	6.2	2
40	Human microbiomes and antibiotic resistance. <i>Human Microbiome Journal</i> , <b>2018</b> , 10, 43-52	5.6	45
39	Deciphering Heteroresistance to Colistin in a Klebsiella pneumoniae Isolate from Marseille, France. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	18
38	How artificial is the antibiotic resistance definition?. <i>Lancet Infectious Diseases, The</i> , <b>2017</b> , 17, 690	25.5	7
37	First report of colistin-resistant Klebsiella pneumoniae clinical isolates in Lebanon. <i>Journal of Global Antimicrobial Resistance</i> , <b>2017</b> , 9, 15-16	3.4	14
36	Emergence of bla-Producing Enterobacteriaceae in Gabon, 2016. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 356-358	10.2	13
35	Prophages and adaptation of Staphylococcus aureus ST398 to the human clinic. <i>BMC Genomics</i> , <b>2017</b> , 18, 133	4.5	26
34	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. <i>International Journal of Antimicrobial Agents</i> , <b>2017</b> , 49, 93-97	14.3	25
33	Study of mcr-1 Gene-Mediated Colistin Resistance in Enterobacteriaceae Isolated from Humans and Animals in Different Countries. <i>Genes</i> , <b>2017</b> , 8,	4.2	36
32	A Potential New Human Pathogen Belonging to Genus, Identified in a Bloodstream Infection. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2533	5.7	6
31	Genomic Plasticity of Multidrug-Resistant NDM-1 Positive Clinical Isolate of Providencia rettgeri. <i>Genome Biology and Evolution</i> , <b>2016</b> , 8, 723-8	3.9	20
30	The SIB Swiss Institute of Bioinformatics' resources: focus on curated databases. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, D27-37	20.1	41
29	Comparative Genomics Analysis of Streptococcus tigurinus Strains Identifies Genetic Elements Specifically and Uniquely Present in Highly Virulent Strains. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160554	3.7	4
28	Enigmatic occurrence of NDM-7 enzyme in the community. <i>International Journal of Antimicrobial Agents</i> , <b>2016</b> , 47, 505-7	14.3	9
27	Reply to Planet et al. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 214, 1610-1611	7	
26	Whole-genome sequence of Chryseobacterium oranense, a colistin-resistant bacterium isolated from a cystic fibrosis patient in France. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 1696-706	5.9	19
25	Carbapenemase genes and genetic platforms in Gram-negative bacilli: Enterobacteriaceae, Pseudomonas and Acinetobacter species. <i>Clinical Microbiology and Infection</i> , <b>2014</b> , 20, 831-8	9.5	112

24	Genome analysis of NDM-1 producing <i>Morganella morganii</i> clinical isolate. <i>Expert Review of Anti-Infective Therapy</i> , <b>2014</b> , 12, 1297-305	5.5	21
23	Emergence of VIM-2 and IMP-15 carbapenemases and inactivation of oprD gene in carbapenem-resistant <i>Pseudomonas aeruginosa</i> clinical isolates from Lebanon. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 4966-70	5.9	29
22	Non-contiguous finished genome sequence and description of <i>Bacillus massilioalgeriensis</i> sp. nov. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 1046-61		4
21	Non-contiguous finished genome sequence and description of <i>Paucisalibacillus algeriensis</i> sp. nov. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 1352-65		2
20	Worldwide emergence of colistin resistance in <i>Klebsiella pneumoniae</i> 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. <i>International Journal of Antimicrobial Agents</i> , <b>2014</b> , 44, 500-7	14.3	177
19	ARG-ANNOT, a new bioinformatic tool to discover antibiotic resistance genes in bacterial genomes. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 212-20	5.9	75 <sup>2</sup>
18	Phenotypic and genotypic properties of <i>Microbacterium yannicii</i> , a recently described multidrug resistant bacterium isolated from a lung transplanted patient with cystic fibrosis in France. <i>BMC Microbiology</i> , <b>2013</b> , 13, 97	4.5	16
17	Emergence of the OXA-23 carbapenemase-encoding gene in multidrug-resistant <i>Acinetobacter baumannii</i> clinical isolates from the Principal Hospital of Dakar, Senegal. <i>International Journal of Infectious Diseases</i> , <b>2013</b> , 17, e209-10	10.5	10
16	The rhizome of the multidrug-resistant <i>Enterobacter aerogenes</i> genome reveals how new "killer bugs" are created because of a sympatric lifestyle. <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 369-83	8.3	83
15	Real-time sequencing to decipher the molecular mechanism of resistance of a clinical pan-drug-resistant <i>Acinetobacter baumannii</i> isolate from Marseille, France. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 592-6	5.9	57
14	Investigation of <i>Acinetobacter baumannii</i> resistance to carbapenems in Marseille hospitals, south of France: a transition from an epidemic to an endemic situation. <i>Apmis</i> , <b>2013</b> , 121, 64-71	3.4	26
13	ISPa46, a novel insertion sequence in the oprD porin gene of an imipenem-resistant <i>Pseudomonas aeruginosa</i> isolate from a cystic fibrosis patient in Marseille, France. <i>International Journal of Antimicrobial Agents</i> , <b>2013</b> , 42, 268-71	14.3	18
12	Investigation of antibiotic resistance in the genomic era of multidrug-resistant Gram-negative bacilli, especially Enterobacteriaceae, <i>Pseudomonas</i> and <i>Acinetobacter</i> . <i>Expert Review of Anti-Infective Therapy</i> , <b>2013</b> , 11, 277-96	5.5	19
11	Codon usage, amino acid usage, transfer RNA and amino-acyl-tRNA synthetases in Mimiviruses. <i>Intervirology</i> , <b>2013</b> , 56, 364-75	2.5	14
10	Dissemination of a class I integron carrying VIM-2 carbapenemase in <i>Pseudomonas aeruginosa</i> clinical isolates from a hospital intensive care unit in Annaba, Algeria. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 2426-7	5.9	38
9	Non-contiguous finished genome sequence and description of <i>Bacillus massiliogorillae</i> sp. nov. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 93-105		23
8	Biotyping of multidrug-resistant <i>Klebsiella pneumoniae</i> clinical isolates from France and Algeria using MALDI-TOF MS. <i>PLoS ONE</i> , <b>2013</b> , 8, e61428	3.7	57
7	Emergence of blaOXA-23 and blaOXA-58 carbapenemase-encoding genes in multidrug-resistant <i>Acinetobacter baumannii</i> isolates from University Hospital of Annaba, Algeria. <i>International Journal of Antimicrobial Agents</i> , <b>2012</b> , 40, 89-91	14.3	30

6	Carbapenem resistance and <i>Acinetobacter baumannii</i> in Senegal: the paradigm of a common phenomenon in natural reservoirs. <i>PLoS ONE</i> , <b>2012</b> , 7, e39495	3-7	42
5	Genome sequence of <i>Microbacterium yannicii</i> , a bacterium isolated from a cystic fibrosis patient. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 4785	3-5	11
4	Real-time PCR assay allows detection of the New Delhi metallo-β-lactamase (NDM-1)-encoding gene in France. <i>International Journal of Antimicrobial Agents</i> , <b>2011</b> , 37, 544-6	14-3	53
3	Molecular detection of OXA carbapenemase genes in multidrug-resistant <i>Acinetobacter baumannii</i> isolates from Iraq and Georgia. <i>International Journal of Antimicrobial Agents</i> , <b>2011</b> , 38, 164-8	14-3	38
2	Dual RNase and β-lactamase activity of a single enzyme encoded in most Archaea		2
1	Massive analysis of 64828 bacterial genomes to decipher a water reservoir and origin of mobile colistin resistance (mcr) gene variants: is there another role for this family of enzymes?		2