Ã‚ngela Novais

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7741461/publications.pdf

Version: 2024-02-01

58 papers	3,485 citations	185998 28 h-index	143772 57 g-index
61 all docs	61 docs citations	61 times ranked	3692 citing authors

#	Article	IF	Citations
1	Dissemination of Clonally RelatedEscherichia coliStrains Expressing Extended-Spectrum Î²-Lactamase CTX-M-15. Emerging Infectious Diseases, 2008, 14, 195-200.	2.0	672
2	Prevalence and spread of extended-spectrum Î²-lactamase-producing Enterobacteriaceae in Europe. Clinical Microbiology and Infection, 2008, 14, 144-153.	2.8	495
3	Blue-Carba, an Easy Biochemical Test for Detection of Diverse Carbapenemase Producers Directly from Bacterial Cultures. Journal of Clinical Microbiology, 2013, 51, 4281-4283.	1.8	172
4	Extended-spectrum Î²-lactamase-producing Escherichia coli in Spain belong to a large variety of multilocus sequence typing types, including ST10 complex/A, ST23 complex/A and ST131/B2. International Journal of Antimicrobial Agents, 2009, 34, 173-176.	1.1	164
5	Antibiotic Coresistance in Extended-Spectrum-Î²-Lactamase-Producing Enterobacteriaceae and In Vitro Activity of Tigecycline. Antimicrobial Agents and Chemotherapy, 2006, 50, 2695-2699.	1.4	145
6	Expansion of ESBL-producing Klebsiella pneumoniae in hospitalized patients: A successful story of international clones (ST15, ST147, ST336) and epidemic plasmids (IncR, IncFIIK). International Journal of Medical Microbiology, 2014, 304, 1100-1108.	1.5	120
7	Spread of bla _{CTX-M-14} Is Driven Mainly by IncK Plasmids Disseminated among Escherichia coli Phylogroups A, B1, and D in Spain. Antimicrobial Agents and Chemotherapy, 2009, 53, 5204-5212.	1.4	112
8	Emergence and Dissemination of Enterobacteriaceae Isolates Producing CTX-M-1-Like Enzymes in Spain Are Associated with IncFII (CTX-M-15) and Broad-Host-Range (CTX-M-1, -3, and -32) Plasmids. Antimicrobial Agents and Chemotherapy, 2007, 51, 796-799.	1.4	110
9	Dissemination and Persistence of bla CTX-M-9 Are Linked to Class 1 Integrons Containing CR1 Associated with Defective Transposon Derivatives from Tn 402 Located in Early Antibiotic Resistance Plasmids of IncHI2, IncP1-Î±, and IncFI Groups. Antimicrobial Agents and Chemotherapy, 2006, 50, 2741-2750.	1.4	108
10	Evolutionary Trajectories of Beta-Lactamase CTX-M-1 Cluster Enzymes: Predicting Antibiotic Resistance. PLoS Pathogens, 2010, 6, e1000735.	2.1	100
11	Fourier transform infrared spectroscopy: unlocking fundamentals and prospects for bacterial strain typing. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 427-448.	1.3	92
12	Role of Common bla OXA-24/OXA-40 -Carrying Platforms and Plasmids in the Spread of OXA-24/OXA-40 among Acinetobacter Species Clinical Isolates. Antimicrobial Agents and Chemotherapy, 2012, 56, 3969-3972.	1.4	59
13	Phylogeny and Comparative Genomics Unveil Independent Diversification Trajectories of qnrB and Genetic Platforms within Particular Citrobacter Species. Antimicrobial Agents and Chemotherapy, 2015, 59, 5951-5958.	1.4	55
14	Spread of an OmpK36-modified ST15 Klebsiella pneumoniae variant during an outbreak involving multiple carbapenem-resistant Enterobacteriaceae species and clones. European Journal of Clinical Microbiology and Infectious Diseases, 2012, 31, 3057-3063.	1.3	54
15	KPC-3-Producing Klebsiella pneumoniae in Portugal Linked to Previously Circulating Non-CG258 Lineages and Uncommon Genetic Platforms (Tn4401d-IncFIA and Tn4401d-IncN). Frontiers in Microbiology, 2016, 7, 1000.	1.5	54
16	High diversity of extended-spectrum Â-lactamases among clinical isolates of Enterobacteriaceae from Portugal. Journal of Antimicrobial Chemotherapy, 2007, 60, 1370-1374.	1.3	53
17	Characterization of Globally Spread Escherichia coli ST131 Isolates (1991 to 2010). Antimicrobial Agents and Chemotherapy, 2012, 56, 3973-3976.	1.4	49
18	MALDI-TOF mass spectrometry as a tool for the discrimination of high-risk Escherichia coli clones from phylogenetic groups B2 (ST131) and D (ST69, ST405, ST393). European Journal of Clinical Microbiology and Infectious Diseases, 2014, 33, 1391-1399.	1.3	48

#	ARTICLE	IF	CITATIONS
19	mcr-1 in Carbapenemase-Producing Klebsiella pneumoniae with Hospitalized Patients, Portugal, 2016â€“2017. Emerging Infectious Diseases, 2018, 24, 762-766.	2.0	48
20	Preservation of Integron Types among Enterobacteriaceae Producing Extended-Spectrum Î²-Lactamases in a Spanish Hospital over a 15-Year Period (1988 to 2003). Antimicrobial Agents and Chemotherapy, 2007, 51, 2201-2204.	1.4	42
21	International Spread and Persistence of TEM-24 Is Caused by the Confluence of Highly Penetrating Enterobacteriaceae Clones and an IncA/C ₂ Plasmid Containing Tn 1696 ::Tn 1 and IS 5075 -Tn 21. Antimicrobial Agents and Chemotherapy, 2010, 54, 825-834.	1.4	41
22	Mutational Events in Cefotaximase Extended-Spectrum Î²-Lactamases of the CTX-M-1 Cluster Involved in Ceftazidime Resistance. Antimicrobial Agents and Chemotherapy, 2008, 52, 2377-2382.	1.4	40
23	Citrobacter portucalensis sp. nov., isolated from an aquatic sample. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3513-3517.	0.8	40
24	In VitroSelection of Variants Resistant to Î²-Lactams plus Î²-Lactamase Inhibitors in CTX-M Î²-Lactamases: Predicting theIn VivoScenario?. Antimicrobial Agents and Chemotherapy, 2011, 55, 4530-4536.	1.4	39
25	Diverse high-risk B2 and D Escherichia coli clones depicted by Fourier Transform Infrared Spectroscopy. Scientific Reports, 2013, 3, 3278.	1.6	39
26	Diversity and biofilm-production ability among isolates of Escherichia coli phylogroup D belonging to ST69, ST393 and ST405 clonal groups. BMC Microbiology, 2013, 13, 144.	1.3	35
27	An update on faecal carriage of ESBL-producing Enterobacteriaceae by Portuguese healthy humans: detection of theH30 subclone of B2-ST131Escherichia coliproducing CTX-M-27: TableÂ1.. Journal of Antimicrobial Chemotherapy, 2016, 71, 1120-1122.	1.3	35
28	A Front Line on Klebsiella pneumoniae Capsular Polysaccharide Knowledge: Fourier Transform Infrared Spectroscopy as an Accurate and Fast Typing Tool. MSystems, 2020, 5, .	1.7	32
29	IncI1/ST3 and IncN/ST1 plasmids drive the spread of blaTEM-52 and blaCTX-M-1/-32 in diverse Escherichia coli clones from different piggeries. Journal of Antimicrobial Chemotherapy, 2013, 68, 2245-8.	1.3	30
30	Atypical epidemiology of CTX-M-15 among Enterobacteriaceae from a high diversity of non-clinical niches in Angola: TableÂ1.. Journal of Antimicrobial Chemotherapy, 2016, 71, 1169-1173.	1.3	28
31	Contribution of IncFII and Broad-Host IncA/C and IncN Plasmids to the Local Expansion and Diversification of Phylogroup B2 Escherichia coli ST131 Clones Carrying bla _{CTX-M-15} and qnrS1 Genes. Antimicrobial Agents and Chemotherapy, 2012, 56, 2763-2766.	1.4	27
32	Snapshot on carbapenemase-producing Pseudomonas aeruginosa and Acinetobacter baumannii in Bucharest hospitals reveals unusual clones and novel genetic surroundings for blaOXA-23. Journal of Antimicrobial Chemotherapy, 2015, 70, 1016-1020.	1.3	27
33	Importation of Fosfomycin ResistancefosA3Gene to Europe. Emerging Infectious Diseases, 2016, 22, 346-348.	2.0	25
34	Evaluation of the Recently Launched Rapid Carb Blue Kit for Detection of Carbapenemase-Producing Gram-Negative Bacteria. Journal of Clinical Microbiology, 2015, 53, 3105-3107.	1.8	22
35	Virulence genes, capsular and plasmid types of multidrug-resistant CTX-M(-2, -8, -15) and KPC-2-producing Klebsiella pneumoniae isolates from four major hospitals in Brazil. Diagnostic Microbiology and Infectious Disease, 2018, 91, 164-168.	0.8	22
36	Increase of widespread A, B1 and D Escherichia coli clones producing a high diversity of CTX-M-types in a Portuguese hospital. Future Microbiology, 2015, 10, 1125-1131.	1.0	18

#	ARTICLE	IF	CITATIONS
37	Elucidating constraints for differentiation of major human Klebsiella pneumoniae clones using MALDI-TOF MS. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 379-386.	1.3	18
38	Long-term dissemination of acquired AmpC Î²-lactamases among Klebsiella spp. and Escherichia coli in Portuguese clinical settings. European Journal of Clinical Microbiology and Infectious Diseases, 2014, 33, 551-558.	1.3	17
39	Multiplicity of Carbapenemase-Producers Three Years after a KPC-3-Producing K. pneumoniae ST147-K64 Hospital Outbreak. Antibiotics, 2020, 9, 806.	1.5	16
40	Escherichia coli resistant to fosfomycin from urinary tract infections: Detection of the fosA3 gene in Spain. Journal of Global Antimicrobial Resistance, 2020, 21, 414-416.	0.9	16
41	NDM-1 Introduction in Portugal through a ST11 KL105 Klebsiella pneumoniae Widespread in Europe. Antibiotics, 2022, 11, 92.	1.5	16
42	Fourier transform infrared (FT-IR) spectroscopy typing: a real-time analysis of an outbreak by carbapenem-resistant Klebsiella pneumoniae. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 2471-2475.	1.3	15
43	From farm to fork: Colistin voluntary withdrawal in Portuguese farms reflected in decreasing occurrence of mcrâ€1â€carrying Enterobacteriaceae from chicken meat. Environmental Microbiology, 2021, 23, 7563-7577.	1.8	15
44	Allogenous Selection of Mutational Collateral Resistance: Old Drugs Select for New Resistance Within Antibiotic Families. Frontiers in Microbiology, 2021, 12, 757833.	1.5	15
45	Efficient transmission of IncFIIY and IncL plasmids and Klebsiella pneumoniae ST101 clone producing OXA-48, NDM-1 or OXA-181 in Bucharest hospitals. International Journal of Antimicrobial Agents, 2016, 48, 223-224.	1.1	14
46	Commonality of Multidrug-Resistant Klebsiella pneumoniae ST348 Isolates in Horses and Humans in Portugal. Frontiers in Microbiology, 2019, 10, 1657.	1.5	14
47	Different Escherichia coli B2-ST131 clades (B and C) producing extended-spectrum Î²-lactamases (ESBL) colonizing residents of Portuguese nursing homes. Epidemiology and Infection, 2017, 145, 3303-3306.	1.0	11
48	Detection of VIM-34, a novel VIM-1 variant identified in the intercontinental ST15 Klebsiella pneumoniae clone. Journal of Antimicrobial Chemotherapy, 2014, 69, 274-275.	1.3	10
49	Antibiotic-Resistant Klebsiella pneumoniae and Escherichia coli High-Risk Clones and an IncFII _k Mosaic Plasmid Hosting Tn 1 (bla _{TEM-4}) in Isolates from 1990 to 2004. Antimicrobial Agents and Chemotherapy, 2015, 59, 2904-2908.	1.4	9
50	New fluorescent rosamine chelator showing promising antibacterial activity against Gram-positive bacteria. Bioorganic Chemistry, 2018, 79, 341-349.	2.0	8
51	Acquired AmpC Î²-Lactamases among Enterobacteriaceae from Healthy Humans and Animals, Food, Aquatic and Trout Aquaculture Environments in Portugal. Pathogens, 2020, 9, 273.	1.2	8
52	Long-Term Care Facility (LTCF) Residents Colonized With Multidrug-Resistant (MDR) Klebsiella pneumoniae Lineages Frequently Causing Infections in Portuguese Clinical Institutions. Infection Control and Hospital Epidemiology, 2017, 38, 1127-1130.	1.0	7
53	Salmonella enterica serotype Bovismorbificans, a new host for CTX-M-9. International Journal of Antimicrobial Agents, 2013, 41, 91-93.	1.1	5
54	Phylogenomic analysis of a highly virulent Escherichia coli ST83 lineage with potential animal-human transmission. Microbial Pathogenesis, 2021, 155, 104920.	1.3	4

#	ARTICLE	IF	CITATIONS
55	High occurrence of colistin- and multidrug-resistant strains carrying mcr-1 or an underestimated mcr-1.26 allelic variant along a large Brazilian river. Journal of Global Antimicrobial Resistance, 2022, 30, 127-129.	0.9	4
56	MicroMundo@UPorto: an experimental microbiology project fostering student's antimicrobial resistance awareness and personal and social development. FEMS Microbiology Letters, 2021, 368, .	0.7	3
57	Fourier Transform Infrared Spectroscopy (FT-IR) for Food and Water Microbiology. , 2021, , 191-217.		2
58	The Darkest Place Is under the Candlestick-Healthy Urogenital Tract as a Source of Worldwide Disseminated Extraintestinal Pathogenic Escherichia coli Lineages. Microorganisms, 2022, 10, 27.	1.6	0