

Gabriela J Da Silva

List of Publications by Year in descending order

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58
papers

2,729
citations

186209

28
h-index

189801

50
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60
all docs

60
docs citations

60
times ranked

4056
citing authors

#	ARTICLE	IF	CITATIONS
1	Seaweed Phenolics: From Extraction to Applications. <i>Marine Drugs</i> , 2020, 18, 384.	2.2	234
2	Chitosan Films in Food Applications. Tuning Film Properties by Changing Acidic Dissolution Conditions. <i>Polymers</i> , 2021, 13, 1.	2.0	210
3	Hydrogen Sulfide Protects from Colitis and Restores Intestinal Microbiota Biofilm and Mucus Production. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1006-1017.	0.9	150
4	Natural Transformation Facilitates Transfer of Transposons, Integrons and Gene Cassettes between Bacterial Species. <i>PLoS Pathogens</i> , 2012, 8, e1002837.	2.1	146
5	Integrons. <i>Mobile Genetic Elements</i> , 2012, 2, 211-223.	1.8	139
6	Association between antimicrobial resistance and virulence in <i>Escherichia coli</i> . <i>Virulence</i> , 2012, 3, 18-28.	1.8	136
7	Anti-Inflammatory and Cytoprotective Actions of Hydrogen Sulfide: Translation to Therapeutics. Antioxidants and Redox Signaling, 2015, 22, 398-410.	2.5	120
8	Manure as a Potential Hotspot for Antibiotic Resistance Dissemination by Horizontal Gene Transfer Events. <i>Veterinary Sciences</i> , 2020, 7, 110.	0.6	97
9	Molecular characterization of <i>bla</i> IMP-5, a new integron-borne metallo- β -lactamase gene from an <i>Acinetobacter baumannii</i> nosocomial isolate in Portugal. <i>FEMS Microbiology Letters</i> , 2002, 215, 33-39.	0.7	95
10	Insights on the Horizontal Gene Transfer of Carbapenemase Determinants in the Opportunistic Pathogen <i>Acinetobacter baumannii</i> . <i>Microorganisms</i> , 2016, 4, 29.	1.6	91
11	Development of carboxymethyl cellulose-chitosan hybrid micro- and macroparticles for encapsulation of probiotic bacteria. <i>Carbohydrate Polymers</i> , 2017, 175, 87-95.	5.1	89
12	Plasmid-Mediated Colistin Resistance in <i>Salmonella enterica</i> : A Review. <i>Microorganisms</i> , 2019, 7, 55.	1.6	83
13	Interplay between Colistin Resistance, Virulence and Fitness in <i>Acinetobacter baumannii</i> . <i>Antibiotics</i> , 2017, 6, 28.	1.5	72
14	Long-term dissemination of an OXA-40 carbapenemase-producing <i>Acinetobacter baumannii</i> clone in the Iberian Peninsula. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 255-258.	1.3	64
15	Antibacterial Photodynamic Inactivation of Antibiotic-Resistant Bacteria and Biofilms with Nanomolar Photosensitizer Concentrations. <i>ACS Infectious Diseases</i> , 2020, 6, 1517-1526.	1.8	56
16	Global dissemination patterns of common gene cassette arrays in class 1 integrons. <i>Microbiology (United Kingdom)</i> , 2015, 161, 1313-1337.	0.7	54
17	Detection of an <i>mcr-1</i> -encoding plasmid mediating colistin resistance in <i>Salmonella enterica</i> from retail meat in Portugal: Table A1.. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2338-2340.	1.3	48
18	Competence for Natural Transformation Is Common among Clinical Strains of Resistant <i>Acinetobacter</i> spp.. <i>Microorganisms</i> , 2019, 7, 30.	1.6	48

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19	CRISPR-Cas: Converting A Bacterial Defence Mechanism into A State-of-the-Art Genetic Manipulation Tool. <i>Antibiotics</i> , 2019, 8, 18.	1.5	48
20	Virulence Characterization of <i>Salmonella enterica</i> by a New Microarray: Detection and Evaluation of the Cytolethal Distending Toxin Gene Activity in the Unusual Host <i>S. Typhimurium</i> . <i>PLoS ONE</i> , 2015, 10, e0135010.	1.1	46
21	Deciphering the pathogenesis of NSAID enteropathy using proton pump inhibitors and a hydrogen sulfide-releasing NSAID. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G994-G1003.	1.6	41
22	Outbreak of KPC-3-producing ST15 and ST348 <i>Klebsiella pneumoniae</i> in a Portuguese hospital. <i>Epidemiology and Infection</i> , 2017, 145, 595-599.	1.0	40
23	Molecular characterization of blaIMP-5, a new integron-borne metallo- β -lactamase gene from an <i>Acinetobacter baumannii</i> nosocomial isolate in Portugal. <i>FEMS Microbiology Letters</i> , 2002, 215, 33-39.	0.7	37
24	Identification of widespread, closely related <i>Acinetobacter baumannii</i> isolates in Portugal as a subgroup of European clone II. <i>Clinical Microbiology and Infection</i> , 2007, 13, 190-195.	2.8	37
25	Q Fever Dairy Herd Status Determination Based on Serological and Molecular Analysis of Bulk Tank Milk. <i>Transboundary and Emerging Diseases</i> , 2016, 63, e293-e300.	1.3	35
26	Serological evidence of exposure to <i>Coxiella burnetii</i> in sheep and goats in central Portugal. <i>Veterinary Microbiology</i> , 2013, 167, 500-505.	0.8	33
27	Emergence of Carbapenem-Hydrolyzing Enzymes in <i>Acinetobacter baumannii</i> Clinical Isolates. <i>Journal of Clinical Microbiology</i> , 1999, 37, 2109-2110.	1.8	32
28	Various pathways leading to the acquisition of antibiotic resistance by natural transformation. <i>Mobile Genetic Elements</i> , 2012, 2, 257-260.	1.8	30
29	Multidrug-Resistant <i>Salmonella enterica</i> Isolated from Food Animal and Foodstuff May Also Be Less Susceptible to Heavy Metals. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 166-172.	0.8	30
30	Prevalent combination of virulence and plasmidic-encoded resistance in ST 131 <i>Escherichia coli</i> strains. <i>Virulence</i> , 2013, 4, 726-729.	1.8	27
31	Occurrence of extended-spectrum beta-lactamases in human and bovine isolates of <i>Escherichia coli</i> from Oyo state, Nigeria. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 774-779.	0.5	26
32	The blaIMP-5-carrying integron in a clinical <i>Acinetobacter baumannii</i> strain is flanked by miniature inverted-repeat transposable elements (MITEs). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2667-2668.	1.3	25
33	Molecular screening of antibiotic-resistant determinants among multidrug-resistant clinical isolates of <i>Proteus mirabilis</i> from South West Nigeria. <i>African Health Sciences</i> , 2017, 17, 356.	0.3	24
34	Antimicrobial Resistance and Extended-Spectrum β -Lactamases of <i>Salmonella enterica</i> Serotypes Isolated from Livestock and Processed Food in Portugal: An Update. <i>Foodborne Pathogens and Disease</i> , 2015, 12, 110-117.	0.8	23
35	First Description of Colistin and Tigecycline-Resistant <i>Acinetobacter baumannii</i> Producing KPC-3 Carbapenemase in Portugal. <i>Antibiotics</i> , 2018, 7, 96.	1.5	22
36	Virulence and plasmidic resistance determinants of <i>Escherichia coli</i> isolated from municipal and hospital wastewater treatment plants. <i>Journal of Water and Health</i> , 2015, 13, 311-318.	1.1	21

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37	High-level expression of IMP-5 carbapenemase owing to point mutation in the -35 promoter region of class 1 integron among <i>Pseudomonas aeruginosa</i> clinical isolates. <i>International Journal of Antimicrobial Agents</i> , 2006, 27, 27-31.	1.1	20
38	Identical Miniature Inverted Repeat Transposable Elements Flank Class 1 Integrons in Clinical Isolates of <i>Acinetobacter</i> spp. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2382-2384.	1.8	16
39	Characterization of a novel international clonal complex (CC32) of <i>Acinetobacter baumannii</i> with epidemic potential. <i>Epidemiology and Infection</i> , 2014, 142, 1554-1558.	1.0	16
40	ISAba1 and Tn6168 acquisition by natural transformation leads to third-generation cephalosporins resistance in <i>Acinetobacter baumannii</i> . <i>Infection, Genetics and Evolution</i> , 2018, 63, 13-16.	1.0	16
41	Microarray Evaluation of Antimicrobial Resistance and Virulence of <i>Escherichia coli</i> Isolates from Portuguese Poultry. <i>Antibiotics</i> , 2016, 5, 4.	1.5	15
42	Inorganic nitrate prevents the loss of tight junction proteins and modulates inflammatory events induced by broad-spectrum antibiotics: A role for intestinal microbiota?. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 88, 27-34.	1.2	15
43	Sequence types of Portuguese carbapenem-resistant <i>Acinetobacter baumannii</i> isolates collected over 10 years. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2254-2256.	1.3	12
44	Unusual Genotype of a Uropathogenic <i>Escherichia coli</i> Strain Assigned to the B2 Phylogenetic Group. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3105-3106.	1.8	12
45	Genetically unrelated multidrug- and carbapenem-resistant <i>Citrobacter freundii</i> detected in outpatients admitted to a Portuguese hospital. <i>Journal of Global Antimicrobial Resistance</i> , 2017, 8, 18-22.	0.9	12
46	Interplay between pathogenicity island carriage, resistance profile and plasmid acquisition in uropathogenic <i>Escherichia coli</i> . <i>Journal of Medical Microbiology</i> , 2015, 64, 828-835.	0.7	12
47	Synergic dual phototherapy: Cationic imidazolyl photosensitizers and ciprofloxacin for eradication of in vitro and in vivo <i>E. coli</i> infections. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 233, 112499.	1.7	12
48	Molecular characterization of carbapenemases of clinical <i>Acinetobacter baumannii</i> calcoaceticus complex isolates from a University Hospital in Tunisia. <i>3 Biotech</i> , 2018, 8, 297.	1.1	10
49	Molecular characterization of <i>Klebsiella pneumoniae</i> isolated from renal transplanted patients: virulence markers, extended-spectrum β -lactamases, and genetic relatedness. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 393-395.	0.8	9
50	Intestinal cytotoxicity induced by <i>Escherichia coli</i> is fully prevented by red wine polyphenol extract: Mechanistic insights in epithelial cells. <i>Chemico-Biological Interactions</i> , 2019, 310, 108711.	1.7	9
51	First description of <i>Klebsiella pneumoniae</i> clinical isolates carrying both <i>qnrA</i> and <i>qnrB</i> genes in Portugal. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 584-586.	1.1	8
52	We Are Never Alone: Living with the Human Microbiota. <i>Frontiers for Young Minds</i> , 2017, 5, .	0.8	7
53	Association of plasmid-mediated quinolone resistance and virulence markers in <i>Escherichia coli</i> isolated from water. <i>Journal of Water and Health</i> , 2012, 10, 288-294.	1.1	5
54	Prevalence of <i>Coxiella burnetii</i> antibodies in Portuguese dairy cattle herds. <i>Tropical Animal Health and Production</i> , 2015, 47, 227-230.	0.5	5

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55	Synthesis of Iron(II)â€N-Heterocyclic Carbene Complexes: Paving the Way for a New Class of Antibiotics. <i>Molecules</i> , 2020, 25, 2917.	1.7	5
56	Multidrug-resistant <i>Serratia rubidaea</i> strains in the oral microbiota of healthy horses. <i>Open Veterinary Journal</i> , 2021, 11, 598.	0.3	2
57	Seaweed as Food: How to Guarantee Their Quality?. , 2022, , 309-321.		1
58	Coxielosis in dairy cattle herds: serological and molecular study. <i>International Journal of Infectious Diseases</i> , 2022, 116, S66.	1.5	0