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List of Publications by Year
in descending order

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89 papers	5,599 citations	87888 38 h-index	82547 72 g-index
93 all docs	93 docs citations	93 times ranked	4037 citing authors

#	Article	IF	Citations
1	Fluorescent sensors of siderophores produced by bacterial pathogens. Journal of Biological Chemistry, 2022, 298, 101651.	3.4	12
2	Acinetobacter baumannii Regulates Its Stress Responses via the BfmRS Two-Component Regulatory System. Journal of Bacteriology, 2022, 204, JB0049421.	2.2	18
3	Human Serum Proteins and Susceptibility of Acinetobacter baumannii to Cefiderocol: Role of Iron Transport. Biomedicines, 2022, 10, 600.	3.2	8
4	The Influence of Blue Light and the BlsA Photoreceptor on the Oxidative Stress Resistance Mechanisms of Acinetobacter baumannii. Frontiers in Cellular and Infection Microbiology, 2022, 12, 856953.	3.9	3
5	Acinetobacter baumannii response to cefiderocol challenge in human urine. Scientific Reports, 2022, 12, .	3.3	9
6	Light Regulates Acinetobacter baumannii Chromosomal and pAB3 Plasmid Genes at 37Â°C. Journal of Bacteriology, 2022, 204, .	2.2	1
7	AB569, a non-toxic combination of acidified nitrite and EDTA, is effective at killing the notorious Iraq/Afghanistan combat wound pathogens, multi-drug resistant Acinetobacter baumannii and Acinetobacter spp.. PLoS ONE, 2021, 16, e0247513.	2.5	4
8	Two Acinetobacter baumannii Isolates Obtained From a Fatal Necrotizing Fasciitis Infection Display Distinct Genomic and Phenotypic Characteristics in Comparison to Type Strains. Frontiers in Cellular and Infection Microbiology, 2021, 11, 635673.	3.9	7
9	Human Pleural Fluid and Human Serum Albumin Modulate the Behavior of a Hypervirulent and Multidrug-Resistant (MDR) Acinetobacter baumannii Representative Strain. Pathogens, 2021, 10, 471.	2.8	17
10	Effect of Serum Albumin, a Component of Human Pleural Fluid, on Transcriptional and Phenotypic Changes on Acinetobacter baumannii A118. Current Microbiology, 2021, 78, 3829-3834.	2.2	2
11	Validation and deployment of a direct saliva real-time RT-PCR test on pooled samples for COVID-19 surveillance testing. PLoS ONE, 2021, 16, e0261956.	2.5	5
12	Draft Genome Sequences of Two Acinetobacter baumannii Isolates from a Fatal Case of Necrotizing Fasciitis. Microbiology Resource Announcements, 2020, 9, .	0.6	1
13	Identification of Potential Virulence Factors in the Model Strain Acinetobacter baumannii A118. Frontiers in Microbiology, 2019, 10, 1599.	3.5	28
14	Structural and functional analysis of the Acinetobacter baumannii BlsA photoreceptor and regulatory protein. PLoS ONE, 2019, 14, e0220918.	2.5	7
15	Adjunctive transferrin to reduce the emergence of antibiotic resistance in Gram-negative bacteria. Journal of Antimicrobial Chemotherapy, 2019, 74, 2631-2639.	3.0	12
16	Isolation and Characterization of the Acinetobactin and Baumannoferrin Siderophores Produced by Acinetobacter baumannii. Methods in Molecular Biology, 2019, 1946, 259-270.	0.9	9
17	Apotransferrin in Combination with Ciprofloxacin Slows Bacterial Replication, Prevents Resistance Amplification, and Increases Antimicrobial Regimen Effect. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	5
18	Miltefosine Reduces the Cytolytic Activity and Virulence of Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	6

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19	Evaluation of the Antibacterial Activity of 75 Mushrooms Collected in the Vicinity of Oxford, Ohio (USA). International Journal of Medicinal Mushrooms, 2019, 21, 131-141.	1.5	13
20	The Structure of the Biofilm-controlling Response Regulator BfmR from Acinetobacter baumannii Reveals Details of Its DNA-binding Mechanism. Journal of Molecular Biology, 2018, 430, 806-821.	4.2	47
21	An Update on the Acinetobacter baumannii Regulatory Circuitry. Trends in Microbiology, 2018, 26, 560-562.	7.7	11
22	A Light-Regulated Type I Pilus Contributes to Acinetobacter baumannii Biofilm, Motility, and Virulence Functions. Infection and Immunity, 2018, 86, .	2.2	49
23	Mucin acts as a nutrient source and a signal for the differential expression of genes coding for cellular processes and virulence factors in Acinetobacter baumannii. PLoS ONE, 2018, 13, e0190599.	2.5	36
24	Selectable Markers for Use in Genetic Manipulation of Extensively Drug-Resistant (XDR) Acinetobacter baumannii HUMC1. MSphere, 2017, 2, .	2.9	17
25	Modeling Acinetobacter baumannii wound infections. Journal of Trauma and Acute Care Surgery, 2017, 82, 557-565.	2.1	17
26	Contribution of the A. baumannii A1S_0114 Gene to the Interaction with Eukaryotic Cells and Virulence. Frontiers in Cellular and Infection Microbiology, 2017, 7, 108.	3.9	41
27	Global assessment of small RNAs reveals a non-coding transcript involved in biofilm formation and attachment in Acinetobacter baumannii ATCC 17978. PLoS ONE, 2017, 12, e0182084.	2.5	19
28	Draft Genome Sequences of Pseudomonas aeruginosa Isolates from Wounded Military Personnel. Genome Announcements, 2016, 4, .	0.8	2
29	Draft Genome Sequences of Escherichia coli Isolates from Wounded Military Personnel. Genome Announcements, 2016, 4, .	0.8	0
30	Iron-Regulated Phospholipase C Activity Contributes to the Cytolytic Activity and Virulence of Acinetobacter baumannii. PLoS ONE, 2016, 11, e0167068.	2.5	65
31	Draft Genome Sequences of Acinetobacter baumannii Isolates from Wounded Military Personnel. Genome Announcements, 2016, 4, .	0.8	8
32	Analysis of the role of the LH92_11085 gene of a biofilm hyper-producingAcinetobacter baumanniistrain on biofilm formation and attachment to eukaryotic cells. Virulence, 2016, 7, 443-455.	4.4	52
33	Discovery and Characterization of New Hydroxamate Siderophores, Baumannoferrin A and B, produced by Acinetobacter baumannii. ChemBioChem, 2015, 16, 1896-1904.	2.6	73
34	<scp>A</scp>cinetobacter strains carry two functional oligosaccharyltransferases, one devoted exclusively to type <scp>IV</scp> pilin, and the other one dedicated to <scp>O</scp>â€glycosylation of multiple proteins. Molecular Microbiology, 2015, 96, 1023-1041.	2.5	90
35	Role of the Carboxy Terminus of SecA in Iron Acquisition, Protein Translocation, and Virulence of the Bacterial Pathogen Acinetobacter baumannii. Infection and Immunity, 2015, 83, 1354-1365.	2.2	13
36	Draft Genome of the Multidrug-Resistant Acinetobacter baumannii Strain A155 Clinical Isolate. Genome Announcements, 2015, 3, .	0.8	21

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37	Inhibition of AAC(6â€²)-Ib-Mediated Resistance to Amikacin in Acinetobacter baumannii by an Antisense Peptide-Conjugated 2â€²,4â€²-Bridged Nucleic Acid-NC-DNA Hybrid Oligomer. Antimicrobial Agents and Chemotherapy, 2015, 59, 5798-5803.	3.2	38
38	Antimicrobial Activity of Gallium Protoporphyrin IX against Acinetobacter baumannii Strains Displaying Different Antibiotic Resistance Phenotypes. Antimicrobial Agents and Chemotherapy, 2015, 59, 7657-7665.	3.2	44
39	Draft Genome Sequences of Klebsiella pneumoniae Clinical Type Strain ATCC 13883 and Three Multidrug-Resistant Clinical Isolates. Genome Announcements, 2015, 3, .	0.8	11
40	AB5075, a Highly Virulent Isolate of Acinetobacter baumannii, as a Model Strain for the Evaluation of Pathogenesis and Antimicrobial Treatments. MBio, 2014, 5, e01076-14.	4.1	258
41	Acinetobacter baumannii: human infections, factors contributing to pathogenesis and animal models. FEMS Microbiology Reviews, 2013, 37, 130-155.	8.6	482
42	Plasmid- and chromosome-encoded siderophore anguibactin systems found in marine vibrios: biosynthesis, transport and evolution. BioMetals, 2013, 26, 537-547.	4.1	15
43	Stress responses in the opportunistic pathogen Acinetobacter baumannii. Future Microbiology, 2013, 8, 353-365.	2.0	52
44	Acinetobacter baumannii Strain M2 Produces Type IV Pili Which Play a Role in Natural Transformation and Twitching Motility but Not Surface-Associated Motility. MBio, 2013, 4, .	4.1	182
45	Functional Features of TonB Energy Transduction Systems of Acinetobacter baumannii. Infection and Immunity, 2013, 81, 3382-3394.	2.2	64
46	The anguibactin biosynthesis and transport genes are encoded in the chromosome of V ibrio harveyi : a possible evolutionary origin for the p JM 1 plasmidâ€“encoded system of V ibrio anguillarum ?. MicrobiologyOpen, 2013, 2, 182-194.	3.0	17
47	Staring at the Cold Sun: Blue Light Regulation Is Distributed within the Genus Acinetobacter. PLoS ONE, 2013, 8, e55059.	2.5	49
48	Role of Acinetobactin-Mediated Iron Acquisition Functions in the Interaction of Acinetobacter baumannii Strain ATCC 19606 ^T with Human Lung Epithelial Cells, Galleria mellonella Caterpillars, and Mice. Infection and Immunity, 2012, 80, 1015-1024.	2.2	212
49	Effect of Ethanol on Differential Protein Production and Expression of Potential Virulence Functions in the Opportunistic Pathogen Acinetobacter baumannii. PLoS ONE, 2012, 7, e51936.	2.5	60
50	Stress Response and Virulence Functions of the Acinetobacter baumannii NfuA Fe-S Scaffold Protein. Journal of Bacteriology, 2012, 194, 2884-2893.	2.2	39
51	Extracellular stress and lipopolysaccharide modulate Acinetobacter baumannii surface-associated motility. Journal of Microbiology, 2012, 50, 434-443.	2.8	82
52	The Acinetobacter baumannii entA Gene Located Outside the Acinetobactin Cluster Is Critical for Siderophore Production, Iron Acquisition and Virulence. PLoS ONE, 2012, 7, e36493.	2.5	83
53	Acinetobacter baumannii biofilms: Variations among strains and correlations with other cell properties. Journal of Microbiology, 2011, 49, 243-250.	2.8	77
54	Deciphering the iron response in Acinetobacter baumannii: A proteomics approach. Journal of Proteomics, 2011, 74, 44-58.	2.4	88

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55	Horizontal Gene Transfer and Assortative Recombination within the Acinetobacter baumannii Clinical Population Provide Genetic Diversity at the Single carO Gene, Encoding a Major Outer Membrane Protein Channel. Journal of Bacteriology, 2011, 193, 4736-4748.	2.2	76
56	The Opportunistic Human PathogenAcinetobacter baumanniiSenses and Responds to Light. Journal of Bacteriology, 2010, 192, 6336-6345.	2.2	189
57	Insight into innovative approaches to battleAcinetobacter baumanniiinfection therapy struggles. Virulence, 2010, 1, 6-7.	4.4	4
58	The Acinetobacter baumannii 19606 OmpA Protein Plays a Role in Biofilm Formation on Abiotic Surfaces and in the Interaction of This Pathogen with Eukaryotic Cells. Infection and Immunity, 2009, 77, 3150-3160.	2.2	417
59	Iron acquisition functions expressed by the human pathogen Acinetobacter baumannii. BioMetals, 2009, 22, 23-32.	4.1	135
60	CsuA/BABCDE-dependent pili are not involved in the adherence of Acinetobacter baumannii ATCC19606T to human airway epithelial cells and their inflammatory response. Research in Microbiology, 2009, 160, 213-218.	2.1	99
61	Characterization of a two-component regulatory system from Acinetobacter baumannii that controls biofilm formation and cellular morphology. Microbiology (United Kingdom), 2008, 154, 3398-3409.	1.8	264
62	Klebsiella pneumoniae Multiresistance Plasmid pMET1: Similarity with the Yersinia pestis Plasmid pCRY and Integrative Conjugative Elements. PLoS ONE, 2008, 3, e1800.	2.5	39
63	Evaluation of different iron sources and their influence in biofilm formation by the dental pathogen Actinobacillus actinomycetemcomitans. Journal of Medical Microbiology, 2007, 56, 119-128.	1.8	23
64	Iron acquisition in the dental pathogen Actinobacillus actinomycetemcomitans: What does it use as a source and how does it get this essential metal?. BioMetals, 2007, 20, 365-377.	4.1	30
65	Sequence and organization of pMAC, an Acinetobacter baumannii plasmid harboring genes involved in organic peroxide resistance. Plasmid, 2006, 56, 112-123.	1.4	43
66	Genetic and Functional Analyses of the Actinobacillusactinomycetemcomitans AfeABCD Siderophore-Independent Iron Acquisition System. Infection and Immunity, 2005, 73, 3758-3763.	2.2	27
67	Cloning and Sequencing of a Genomic Island Found in the Brazilian Purpuric Fever Clone of Haemophilus influenzae Biogroup Aegyptius. Infection and Immunity, 2005, 73, 1927-1938.	2.2	15
68	The siderophore-mediated iron acquisition systems of Acinetobacter baumannii ATCC 19606 and Vibrio anguillarum 775 are structurally and functionally related. Microbiology (United Kingdom), 2004, 150, 3657-3667.	1.8	136
69	Analysis of pVU3695, a plasmid encoding glutathione-dependent formaldehyde dehydrogenase activity and formaldehyde resistance in the Escherichia coli VU3695 clinical strain. Plasmid, 2004, 51, 116-126.	1.4	7
70	Attachment to and biofilm formation on abiotic surfaces by Acinetobacter baumannii: involvement of a novel chaperone-usher pili assembly system. Microbiology (United Kingdom), 2003, 149, 3473-3484.	1.8	518
71	Complete Sequence of Virulence Plasmid pJM1 from the Marine Fish Pathogen Vibrio anguillarum Strain 775. Journal of Bacteriology, 2003, 185, 5822-5830.	2.2	86
72	Genetic organization of an Acinetobacter baumannii chromosomal region harbouring genes related to siderophore biosynthesis and transport. Microbiology (United Kingdom), 2003, 149, 1227-1238.	1.8	67

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73	Detection and Analysis of Iron Uptake Components Expressed by Acinetobacter baumannii Clinical Isolates. Journal of Clinical Microbiology, 2003, 41, 4188-4193.	3.9	48
74	Complete Nucleotide Sequence of Klebsiella pneumoniae Multiresistance Plasmid pJHCMW1. Antimicrobial Agents and Chemotherapy, 2002, 46, 3422-3427.	3.2	85
75	Genetic and Phenotypic Analysis of Acinetobacter baumannii Insertion Derivatives Generated with a Transposome System. Applied and Environmental Microbiology, 2002, 68, 6353-6360.	3.1	91
76	Genomic Analysis of the F3031 Brazilian Purpuric Fever Clone of Haemophilus influenzae Biogroup Aegyptius by PCR-Based Subtractive Hybridization. Infection and Immunity, 2002, 70, 2694-2699.	2.2	31
77	Influence of iron on growth, production of sidero bore compounds, membrane proteins, and lipase activity in Acinetobacter calcoaceticus BD 413. Microbiological Research, 2001, 155, 263-269.	5.3	16
78	Acinetobacter baumannii has two genes encoding glutathione-dependent formaldehyde dehydrogenase: evidence for differential regulation in response to iron This paper is dedicated to the memory of Dr M. A. Vides, Facultad de Ciencias QuÄ±Ìmicas, Universidad Nacional de CÃ³rdoba, Argentina, who was a great mentor and colleague. The GenBank accession number for the sequence reported in this paper is AF130307.. Microbiology (United Kingdom), 2001, 147, 2805-2815.	1.8	9
79	Analysis of the Replication Elements of the pMJ101 Plasmid from the Fish Pathogen Vibrio ordalii. Plasmid, 1999, 42, 20-30.	1.4	15
80	Comparison of differential plating media and two chromatography techniques for the detection of histamine production in bacteria. Journal of Microbiological Methods, 1999, 39, 79-90.	1.6	29
81	Plasmid-Mediated Histamine Biosynthesis in the Bacterial Fish PathogenVibrio anguillarum. Plasmid, 1998, 39, 235-244.	1.4	35
82	Expression of iron binding proteins and hemin binding activity in the dental pathogenActinobacillus actinomycetemcomitans. FEMS Microbiology Letters, 1998, 163, 135-142.	1.8	35
83	Characterization and regulation of the expression of FatB, an iron transport protein encoded by the pJM1 virulence plasmid. Molecular Microbiology, 1995, 17, 197-204.	2.5	52
84	A histidine decarboxylase gene encoded by the Vibrio anguillarum plasmid pJM1 is essential for virulence: histamine is a precursor in the biosynthesis of anguibactin. Molecular Microbiology, 1995, 15, 87-95.	2.5	57
85	Localization of the Replication Region of the pMJ101 Plasmid from Vibrio ordalii. Plasmid, 1994, 31, 242-250.	1.4	12
86	Molecular cloning and expression of the Î²-hydroxysteroid dehydrogenase gene from Pseudomonas testosteroni. Gene, 1991, 105, 43-49.	2.2	47
87	A regulatory gene, angR, of the iron uptake system of Vibrio anguillarum: similarity with phage P22 cro and regulation by iron. Gene, 1990, 86, 45-51.	2.2	77
88	Multiple intensive care unit outbreak of Acinetobacter calcoaceticus subspecies anitratus respiratory infection and colonization associated with contaminated, reusable ventilator circuits and resuscitation bags. American Journal of Medicine, 1988, 85, 624-631.	1.5	198
89	The Biology and Pathogenicity of Vibrio anguillarum and Vibrio ordalii. , 0, , 249-265.		3