Sebastian Alberti

List of Publications by Year
in descending order

76	6,203	87723	71532
papers	citations	38 h-index	76 g-index

78	78	78	6234
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pseudomonas aeruginosa adaptation in cystic fibrosis patients increases C5a levels and promotes neutrophil recruitment. Virulence, 2022, 13, 215-224.	1.8	13
2	Determination of Legionella spp. prevalence in Spanish hotels in five years. Are tourists really at risk?. Travel Medicine and Infectious Disease, 2022, 46, 102269.	1.5	5
3	Environmental surveillance of Legionella in tourist facilities of the Balearic Islands, Spain, 2006 to 2010 and 2015 to 2018. Eurosurveillance, 2022, 27, .	3.9	5
4	Use of Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry Analysis of Serum Peptidome to Classify and Predict Coronavirus Disease 2019 Severity. Open Forum Infectious Diseases, 2021, 8, ofab222.	0.4	3
5	Molecular Analysis of the Contribution of Alkaline Protease A and Elastase B to the Virulence of Pseudomonas aeruginosa Bloodstream Infections. Frontiers in Cellular and Infection Microbiology, 2021, 11, 816356.	1.8	7
6	Trimethylation of Elongation Factor-Tu by the Dual Thermoregulated Methyltransferase EftM Does Not Impact Its Canonical Function in Translation. Scientific Reports, 2019, 9, 3553.	1.6	5
7	The Antimicrobials Anacardic Acid and Curcumin Are Not-Competitive Inhibitors of Gram-Positive Bacterial Pathogenic Glyceraldehyde-3-Phosphate Dehydrogenase by a Mechanism Unrelated to Human C5a Anaphylatoxin Binding. Frontiers in Microbiology, 2019, 10, 326.	1.5	10
8	Sensing Mg²⁺ contributes to the resistance of Pseudomonas aeruginosa to complementâ€mediated opsonophagocytosis. Environmental Microbiology, 2017, 19, 4278-4286.	1.8	20
9	Crystal Structure of Glyceraldehyde-3-Phosphate Dehydrogenase from the Gram-Positive Bacterial Pathogen A. vaginae, an Immunoevasive Factor that Interacts with the Human C5a Anaphylatoxin. Frontiers in Microbiology, 2017, 8, 541.	1.5	24
10	Pseudomonas aeruginosa EftM Is a Thermoregulated Methyltransferase. Journal of Biological Chemistry, 2016, 291, 3280-3290.	1.6	22
11	Surfactant Protein A Recognizes Outer Membrane Protein OprH onPseudomonas aeruginosaIsolates From Individuals With Chronic Infection. Journal of Infectious Diseases, 2016, 214, 1449-1455.	1.9	17
12	Impact of AmpC Derepression on Fitness and Virulence: the Mechanism or the Pathway?. MBio, 2016, 7, .	1.8	62
13	Porin Loss Impacts the Host Inflammatory Response to Outer Membrane Vesicles of Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2016, 60, 1360-1369.	1.4	24
14	Genotypic and phenotypic analyses of a Pseudomonas aeruginosa chronic bronchiectasis isolate reveal differences from cystic fibrosis and laboratory strains. BMC Genomics, 2015, 16, 883.	1.2	30
15	Overexpression of MexCD-OprJ Reduces Pseudomonas aeruginosa Virulence by Increasing Its Susceptibility to Complement-Mediated Killing. Antimicrobial Agents and Chemotherapy, 2014, 58, 2426-2429.	1.4	23
16	From the Environment to the Host: Re-Wiring of the Transcriptome of Pseudomonas aeruginosa from 22Â°C to 37Â°C. PLoS ONE, 2014, 9, e89941.	1.1	35
17	Lysine Trimethylation of EF-Tu Mimics Platelet-Activating Factor To Initiate Pseudomonas aeruginosa Pneumonia. MBio, 2013, 4, e00207-13.	1.8	42
18	Surfactant Protein A Blocks Recognition of Pseudomonas aeruginosa by CKAP4/P63 on Airway Epithelial Cells. Journal of Infectious Diseases, 2012, 206, 1753-1762.	1.9	7

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19	Pan-Î²-Lactam Resistance Development in Pseudomonas aeruginosa Clinical Strains: Molecular Mechanisms, Penicillin-Binding Protein Profiles, and Binding Affinities. Antimicrobial Agents and Chemotherapy, 2012, 56, 4771-4778.	1.4	138
20	Role of Klebsiella pneumoniae LamB Porin in Antimicrobial Resistance. Antimicrobial Agents and Chemotherapy, 2011, 55, 1803-1805.	1.4	87
21	OmpK26, a Novel Porin Associated with Carbapenem Resistance in Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2011, 55, 4742-4747.	1.4	56
22	Environmental Microbiota Represents a Natural Reservoir for Dissemination of Clinically Relevant Metallo-Î²-Lactamases. Antimicrobial Agents and Chemotherapy, 2011, 55, 5376-5379.	1.4	55
23	Emergence of CTX-M-15 extended-spectrum Î²-lactamase-producing Klebsiella pneumoniae isolates in Bosnia and Herzegovina. Clinical Microbiology and Infection, 2010, 16, 152-156.	2.8	15
24	Carbapenem Heteroresistance in VIM-1-Producing Klebsiella pneumoniae Isolates Belonging to the Same Clone: Consequences for Routine Susceptibility Testing. Journal of Clinical Microbiology, 2010, 48, 4089-4093.	1.8	56
25	Metallo-Â-lactamase-producing Pseudomonas putida as a reservoir of multidrug resistance elements that can be transferred to successful Pseudomonas aeruginosa clones. Journal of Antimicrobial Chemotherapy, 2010, 65, 474-478.	1.3	105
26	Klebsiella pneumoniae AcrAB Efflux Pump Contributes to Antimicrobial Resistance and Virulence. Antimicrobial Agents and Chemotherapy, 2010, 54, 177-183.	1.4	332
27	Detection of the Novel Extended-Spectrum Î²-Lactamase OXA-161 from a Plasmid-Located Integron inPseudomonas aeruginosaClinical Isolates from Spain. Antimicrobial Agents and Chemotherapy, 2009, 53, 5288-5290.	1.4	25
28	Binding of complement regulatory proteins to Group A Streptococcus. Vaccine, 2008, 26, I75-I78.	1.7	18
29	Novel Carbapenem-Hydrolyzing Î²-Lactamase, KPC-1, from a Carbapenem-Resistant Strain of Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2008, 52, 809-809.	1.4	31
30	Benefit of Having MultipleampDGenes for Acquiring Î²-Lactam Resistance without Losing Fitness and Virulence inPseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2008, 52, 3694-3700.	1.4	91
31	Fluticasone propionate reduces bacterial airway epithelial invasion. European Respiratory Journal, 2008, 32, 1283-1288.	3.1	26
32	Chronic Respiratory Infections by Mucoid Carbapenemase-Producing Pseudomonas aeruginosa Strains, a New Potential Public Health Problem. Antimicrobial Agents and Chemotherapy, 2008, 52, 2285-2286.	1.4	12
33	Characterization of the New Metallo-Î²-Lactamase VIM-13 and Its Integron-Borne Gene from a Pseudomonas aeruginosa Clinical Isolate in Spain. Antimicrobial Agents and Chemotherapy, 2008, 52, 3589-3596.	1.4	71
34	Novel Phosphorylcholineâ€Containing Protein ofPseudomonas aeruginosaChronic Infection Isolates Interacts with Airway Epithelial Cells. Journal of Infectious Diseases, 2008, 197, 465-473.	1.9	52
35	Evaluation of the ability of erythromycin-resistant and -susceptible pharyngeal group A Streptococcus isolates from Spain to enter and persist in human keratinocytes. Journal of Medical Microbiology, 2007, 56, 1485-1489.	0.7	4
36	Rapid decrease in the prevalence of macrolide-resistant group A streptococci due to the appearance of two epidemic clones in Cantabria (Spain). Journal of Antimicrobial Chemotherapy, 2007, 60, 450-452.	1.3	9

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37	Membrane cofactor protein (MCP, CD46) binding to clinical isolates of Streptococcus pyogenes: Binding to M type 18 strains is independent of Emm or Enn proteins. Molecular Immunology, 2007, 44, 3571-3579.	1.0	12
38	Evaluation of differential gene expression in susceptible and resistant clinical isolates of Klebsiella pneumoniae by DNA microarray analysis. Clinical Microbiology and Infection, 2006, 12, 936-940.	2.8	13
39	Characterization of a Large Outbreak by CTX-M-1-Producing Klebsiella pneumoniae and Mechanisms Leading to In Vivo Carbapenem Resistance Development. Journal of Clinical Microbiology, 2006, 44, 2831-2837.	1.8	126
40	The uptake of a Klebsiella pneumoniae capsule polysaccharide mutant triggers an inflammatory response by human airway epithelial cells. Microbiology (United Kingdom), 2006, 152, 555-566.	0.7	74
41	Effect of Porins and Plasmid-Mediated AmpC Î²-Lactamases on the Efficacy of Î²-Lactams in Rat Pneumonia Caused by Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2006, 50, 2258-2260.	1.4	14
42	Survey of emm -Like Gene Sequences from Pharyngeal Isolates of Group C and Group G Streptococci Collected in Spain. Journal of Clinical Microbiology, 2005, 43, 1433-1436.	1.8	12
43	Streptococcus pyogenes Pharyngeal Isolates with Reduced Susceptibility to Ciprofloxacin in Spain: Mechanisms of Resistance and Clonal Diversity. Antimicrobial Agents and Chemotherapy, 2005, 49, 418-420.	1.4	21
44	New Method of DNA Isolation from Two Food Additives Suitable for Authentication in Polymerase Chain Reaction Assays. Journal of Agricultural and Food Chemistry, 2005, 53, 3345-3347.	2.4	7
45	C3 Promotes Clearance of Klebsiella pneumoniae by A549 Epithelial Cells. Infection and Immunity, 2004, 72, 1767-1774.	1.0	42
46	Capsule Polysaccharide Mediates Bacterial Resistance to Antimicrobial Peptides. Infection and Immunity, 2004, 72, 7107-7114.	1.0	406
47	Identification of two additives, locust bean gum (E-410) and guar gum (E-412), in food products by DNA-based methods. Food Additives and Contaminants, 2004, 21, 619-625.	2.0	15
48	Interaction between Complement Regulators andStreptococcus pyogenes: Binding of C4b-Binding Protein and Factor H/Factor H-Like Protein 1 to M18 Strains Involves Two Different Cell Surface Molecules. Journal of Immunology, 2004, 173, 6899-6904.	0.4	53
49	Survey of emm Gene Sequences from Pharyngeal Streptococcus pyogenes Isolates Collected in Spain and Their Relationship with Erythromycin Susceptibility. Journal of Clinical Microbiology, 2003, 41, 2385-2390.	1.8	47
50	Carbapenem-Resistant Strain of Klebsiella oxytoca Harboring Carbapenem-HydrolyzingÎ² -Lactamase KPC-2. Antimicrobial Agents and Chemotherapy, 2003, 47, 3881-3889.	1.4	172
51	Role of Klebsiella pneumoniae OmpK35 Porin in Antimicrobial Resistance. Antimicrobial Agents and Chemotherapy, 2003, 47, 3332-3335.	1.4	141
52	Molecular Analysis of the Contribution of the Capsular Polysaccharide and the Lipopolysaccharide O Side Chain to the Virulence of Klebsiella pneumoniae in a Murine Model of Pneumonia. Infection and Immunity, 2002, 70, 2583-2590.	1.0	263
53	Role of Lung Epithelial Cells in Defense against Klebsiella pneumoniae Pneumonia. Infection and Immunity, 2002, 70, 1075-1080.	1.0	62
54	Role of the htrA Gene in Klebsiella pneumoniae Virulence. Infection and Immunity, 2002, 70, 4772-4776.	1.0	84

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55	Molecular epidemiological typing of Enterobacter cloacae isolates from a neonatal intensive care unit: three-year prospective study. Journal of Hospital Infection, 2001, 49, 173-182.	1.4	68
56	Novel Carbapenem-Hydrolyzing Î²-Lactamase, KPC-1, from a Carbapenem-Resistant Strain of Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2001, 45, 1151-1161.	1.4	1,415
57	Increase of Enterobacter in neonatal sepsis: a twenty-two-year study. Pediatric Infectious Disease Journal, 2001, 20, 134-140.	1.1	51
58	Assessment of the interaction of human complement regulatory proteins with group AStreptococcus. Identification of a high-affinity group AStreptococcus binding site in FHL-1. European Journal of Immunology, 2000, 30, 1243-1253.	1.6	59
59	Capsular Polysaccharide Is a Major Complement Resistance Factor in Lipopolysaccharide O Side Chain-Deficient Klebsiella pneumoniae Clinical Isolates. Infection and Immunity, 2000, 68, 953-955.	1.0	94
60	Development of Resistance during Antimicrobial Therapy Caused by Insertion Sequence Interruption of Porin Genes. Antimicrobial Agents and Chemotherapy, 1999, 43, 937-939.	1.4	87
61	Porin expression in clinical isolates of Klebsiella pneumoniae. Microbiology (United Kingdom), 1999, 145, 673-679.	0.7	189
62	Crystal structure and functional characterization of OmpK36, the osmoporin of Klebsiella pneumoniae. Structure, 1999, 7, 425-434.	1.6	138
63	Klebsiella pneumoniae Lipopolysaccharide O Typing: Revision of Prototype Strains and O-Group Distribution among Clinical Isolates from Different Sources and Countries. Journal of Clinical Microbiology, 1999, 37, 56-62.	1.8	104
64	Structure of the has operon promoter and regulation of hyaluronic acid capsule expression in group A Streptococcus. Molecular Microbiology, 1998, 28, 343-353.	1.2	51
65	Hyaluronic acid capsule modulates M protein-mediated adherence and acts as a ligand for attachment of group A Streptococcus to CD44 on human keratinocytes.. Journal of Clinical Investigation, 1998, 101, 1708-1716.	3.9	147
66	Molecular Analysis of the Capsule Gene Region of Group A Streptococcus : the hasAB Genes Are Sufficient for Capsule Expression. Journal of Bacteriology, 1998, 180, 4955-4959.	1.0	65
67	A gene (wbbL) from Serratia marcescens N28b (O4) complements the rfb-50 mutation of Escherichia coli K-12 derivatives. Journal of Bacteriology, 1997, 179, 7581-7586.	1.0	106
68	Regulation of Hyaluronic Acid Capsule Production by the has Operon Promoter in Group A Streptococci. Advances in Experimental Medicine and Biology, 1997, 418, 975-978.	0.8	1
69	In vivo selection of porin-deficient mutants of Klebsiella pneumoniae with increased resistance to cefoxitin and expanded-spectrum-cephalosporins. Antimicrobial Agents and Chemotherapy, 1996, 40, 342-348.	1.4	220
70	Mesophilic Aeromonas sp. serogroup O:11 resistance to complement-mediated killing. Infection and Immunity, 1996, 64, 5302-5309.	1.0	35
71	Isolation of FC3-11, a bacteriophage specific for theKlebsiella pneumoniaeporin OmpK36, and its use for the isolation of porin-deficient mutants. Canadian Journal of Microbiology, 1995, 41, 399-406.	0.8	17
72	A novel plasmid series for in vitro production of phoA translational fusions and its use in the construction of Escherichia coli PhoE: :PhoA hybrid proteins. Gene, 1994, 151, 125-130.	1.0	10

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73	Aeromonas salmonicida resistance to complement-mediated killing. Infection and Immunity, 1994, 62, 5483-5490.	1.0	54
74	Mechanisms of Klebsiella pneumoniae resistance to complement-mediated killing. Infection and Immunity, 1992, 60, 2529-2535.	1.0	170
75	Influence of environmental conditions on infection of Klebsiella pneumoniae by two different types of bacteriophages. Canadian Journal of Microbiology, 1991, 37, 270-275.	0.8	6
76	Bacterial lipopolysaccharide extraction in silica gel-containing tubes. Journal of Microbiological Methods, 1991, 14, 63-69.	0.7	7