Juan M Tomas

List of Publications by Year
in descending order

173	5,979	61857	98622
papers	citations	43 h-index	67 g-index

179	179	179	4708
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Capsule polysaccharide is a bacterial decoy for antimicrobial peptides. Microbiology (United Kingdom), 2008, 154, 3877-3886.	0.7	243
2	Characterization of an acetylated heteroxylan from Eucalyptus globulus Labill. Carbohydrate Research, 2003, 338, 597-604.	1.1	194
3	Porin expression in clinical isolates of Klebsiella pneumoniae. Microbiology (United Kingdom), 1999, 145, 673-679.	0.7	189
4	Mechanisms of Klebsiella pneumoniae resistance to complement-mediated killing. Infection and Immunity, 1992, 60, 2529-2535.	1.0	170
5	Emerging pathogens: Aeromonas spp.. International Journal of Food Microbiology, 1995, 28, 157-168.	2.1	169
6	Role of Klebsiella pneumoniae OmpK35 Porin in Antimicrobial Resistance. Antimicrobial Agents and Chemotherapy, 2003, 47, 3332-3335.	1.4	141
7	Motility and the Polar Flagellum Are Required for Aeromonas caviae Adherence to HEp-2 Cells. Infection and Immunity, 2001, 69, 4257-4267.	1.0	131
8	Lateral flagella of Aeromonas species are essential for epithelial cell adherence and biofilm formation. Molecular Microbiology, 2002, 43, 383-397.	1.2	131
9	Virulence Factors of Erwinia amylovora: A Review. International Journal of Molecular Sciences, 2015, 16, 12836-12854.	1.8	128
10	Role of Bacterial Surface Structures on the Interaction of Klebsiella pneumoniae with Phagocytes. PLoS ONE, 2013, 8, e56847.	1.1	119
11	Bacterial lateral flagella: an inducible flagella system. FEMS Microbiology Letters, 2006, 263, 127-135.	0.7	110
12	A Type III Secretion System Is Required for Aeromonas hydrophila AH-1 Pathogenesis. Infection and Immunity, 2004, 72, 1248-1256.	1.0	109
13	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
14	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
15	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
16	Identification and Characterization of Putative Virulence Genes and Gene Clusters in Aeromonas hydrophila PPD134/91. Applied and Environmental Microbiology, 2005, 71, 4469-4477.	1.4	89
17	Cloning, Sequencing, and Role in Virulence of Two Phospholipases (A1 and C) from Mesophilic Aeromonas sp. Serogroup O:34. Infection and Immunity, 1999, 67, 4008-4013.	1.0	84
18	A Gene, uge , Is Essential for Klebsiella pneumoniae Virulence. Infection and Immunity, 2004, 72, 54-61.	1.0	82

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19	Complete Type III Secretion System of a Mesophilic Aeromonas hydrophila Strain. Applied and Environmental Microbiology, 2004, 70, 6914-6919.	1.4	82
20	Relationship between outer membrane alterations and susceptibility to antimicrobial agents in isogenic strains of Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2000, 46, 273-277.	1.3	79
21	The Klebsiella pneumoniae wabG Gene: Role inBiosynthesis of the Core Lipopolysaccharide andVirulence. Journal of Bacteriology, 2003, 185, 7213-7221.	1.0	78
22	Lateral flagella are required for increased cell adherence, invasion and biofilm formation byAeromonasspp.. FEMS Microbiology Letters, 2003, 224, 77-83.	0.7	77
23	Polar Flagellum Biogenesis in Aeromonas hydrophila. Journal of Bacteriology, 2006, 188, 542-555.	1.0	76
24	Analysis of the Lateral Flagellar Gene System of Aeromonas hydrophila AH-3. Journal of Bacteriology, 2006, 188, 852-862.	1.0	74
25	Possible virulence factors ofAeromonasspp. from food and water. FEMS Immunology and Medical Microbiology, 1998, 21, 131-137.	2.7	63
26	Structure of the O-polysaccharide of Aeromonashydrophila O:34; a case of random O-acetylation of 6-deoxy-l-talose. Carbohydrate Research, 2002, 337, 1381-1386.	1.1	61
27	Genetic Characterization of the Klebsiella pneumoniae waa Gene Cluster, Involved in Core Lipopolysaccharide Biosynthesis. Journal of Bacteriology, 2001, 183, 3564-3573.	1.0	59
28	1H and 13C NMR characterization and secondary structure of the K2 polysaccharide of Klebsiella pneumoniae strain 52145. Carbohydrate Research, 2005, 340, 2212-2217.	1.1	59
29	Structural variation in the O-specific polysaccharides of Klebsiella pneumoniae serotype O1 and O8 lipopolysaccharide: evidence for clonal diversity in rfb genes. Molecular Microbiology, 1993, 10, 615-625.	1.2	58
30	The O:34-antigen lipopolysaccharide as an adhesin inAeromonas hydrophila. FEMS Microbiology Letters, 1996, 139, 97-101.	0.7	58
31	Gram-Negative Flagella Glycosylation. International Journal of Molecular Sciences, 2014, 15, 2840-2857.	1.8	58
32	The role of flagella and motility in the adherence and invasion to fish cell lines by Aeromonas hydrophila serogroup O:34 strains. FEMS Microbiology Letters, 2006, 151, 213-217.	0.7	56
33	Surface exposure of O1 serotype lipopolysaccharide in Klebsiella pneumoniae strains expressing different K antigens. Infection and Immunity, 1991, 59, 2006-2011.	1.0	55
34	Aeromonas salmonicida resistance to complement-mediated killing. Infection and Immunity, 1994, 62, 5483-5490.	1.0	54
35	Increased Serum Resistance in Klebsiella pneumoniae Strains Producing Extended-Spectrum Î²-Lactamases. Antimicrobial Agents and Chemotherapy, 2004, 48, 3477-3482.	1.4	52
36	Role of flm Locus in MesophilicAeromonas Species Adherence. Infection and Immunity, 2001, 69, 65-74.	1.0	50

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37	A Second Outer-Core Region in Klebsiella pneumoniae Lipopolysaccharide. Journal of Bacteriology, 2005, 187, 4198-4206.	1.0	50
38	Surface Antigen Exposure by Bismuth Dimercaprol Suppression of Klebsiella pneumoniae Capsular Polysaccharide. Infection and Immunity, 1999, 67, 664-669.	1.0	50
39	Aeromonas hydrophila AH-3 Type III Secretion System Expression and Regulatory Network. Applied and Environmental Microbiology, 2009, 75, 6382-6392.	1.4	49
40	A polar flagella operon (flg) of Aeromonas hydrophila contains genes required for lateral flagella expression. Microbial Pathogenesis, 2003, 34, 249-259.	1.3	48
41	Functional Genomic Screen Identifies Klebsiella pneumoniae Factors Implicated in Blocking Nuclear Factor Î¹B (NF-Î¹B) Signaling. Journal of Biological Chemistry, 2015, 290, 16678-16697.	1.6	48
42	The role of the O-antigen lipopolysaccharide on the colonizationin vivoof the germfree chicken gut byAeromonas hydrophilaserogroup O:34. Microbial Pathogenesis, 1996, 20, 325-333.	1.3	47
43	Alternative Host Model To Evaluate Aeromonas Virulence. Applied and Environmental Microbiology, 2007, 73, 5657-5659.	1.4	47
44	An Aeromonas caviae Genomic Island Is Required for both O-Antigen Lipopolysaccharide Biosynthesis and Flagellin Glycosylation. Journal of Bacteriology, 2009, 191, 2851-2863.	1.0	47
45	Effect of growth temperature on outer membrane components and virulence of Aeromonas hydrophila strains of serotype O:34. Infection and Immunity, 1992, 60, 4343-4349.	1.0	46
46	The MgtE Mg2+transport protein is involved inAeromonas hydrophilaadherence. FEMS Microbiology Letters, 2001, 198, 189-195.	0.7	45
47	Influence of osmolarity on lipopolysaccharides and virulence of Aeromonas hydrophila serotype O:34 strains grown at 37 degrees C. Infection and Immunity, 1997, 65, 1245-1250.	1.0	45
48	The ionic interaction of Klebsiella pneumoniae K2 capsule and core lipopolysaccharide. Microbiology (United Kingdom), 2006, 152, 1807-1818.	0.7	44
49	The inner-core lipopolysaccharide biosynthetic waaE gene: function and genetic distribution among some Enterobacteriaceae b bThe GenBank accession number for the waaE gene sequences of P. mirabilis CECT170, Y. enterocolitica R102 and Ent. aerogenes CECT684 reported in this paper are AY075039, AY075041 and AY075040, respectively.. Microbiology (United Kingdom), 2002, 148, 3485-3496.	0.7	36
50	Mesophilic Aeromonas sp. serogroup O:11 resistance to complement-mediated killing. Infection and Immunity, 1996, 64, 5302-5309.	1.0	35
51	Melanization and Pathogenicity in the Insect, Tenebrio molitor, and the Crustacean, Pacifastacus leniusculus, by Aeromonas hydrophila AH-3. PLoS ONE, 2010, 5, e15728.	1.1	35
52	Non-structural flagella genes affecting both polar and lateral flagella-mediated motility in Aeromonas hydrophila. Microbiology (United Kingdom), 2007, 153, 1165-1175.	0.7	34
53	Surface exposure of the O-antigen in Klebsiella pneumoniae O1:K1 serotype strains. Microbial Pathogenesis, 1988, 5, 141-147.	1.3	33
54	Cloning, Sequencing, and Role in Serum Susceptibility of Porin II from Mesophilic Aeromonas hydrophila. Infection and Immunity, 2000, 68, 1849-1854.	1.0	33

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55	Aeromonas hydrophila AH-3 AexT is an ADP-ribosylating toxin secreted through the type III secretion system. Microbial Pathogenesis, 2008, 44, 1-12.	1.3	32
56	Cloning and Sequencing of the Klebsiella pneumoniae O5 wb Gene Cluster and Its Role in Pathogenesis. Infection and Immunity, 2000, 68, 2435-2440.	1.0	31
57	A Second Galacturonic Acid Transferase Is Required for Core Lipopolysaccharide Biosynthesis and Complete Capsule Association with the Cell Surface in Klebsiella pneumoniae. Journal of Bacteriology, 2007, 189, 1128-1137.	1.0	31
58	Mesophilic Aeromonas UDP-glucose pyrophosphorylase (GalU) mutants show two types of lipopolysaccharide structures and reduced virulence. Microbiology (United Kingdom), 2007, 153, 2393-2404.	0.7	31
59	Differential Glycosylation of Polar and Lateral Flagellins in Aeromonas hydrophila AH-3. Journal of Biological Chemistry, 2012, 287, 27851-27862.	1.6	31
60	Identification of a putative glycosyltransferase responsible for the transfer of pseudaminic acid onto the polar flagellin of Aeromonas caviae Sch3N. MicrobiologyOpen, 2012, 1, 149-160.	1.2	31
61	Isolation and characterization of bacteriophage PM2 fromAeromonas hydrophila. FEMS Microbiology Letters, 1990, 68, 239-244.	0.7	30
62	Complement Resistance Is Essential for Colonization of the Digestive Tract of Hirudo medicinalis by Aeromonas Strains. Applied and Environmental Microbiology, 2003, 69, 4268-4271.	1.4	29
63	The UDP N-Acetylgalactosamine 4-Epimerase Gene Is Essential for Mesophilic Aeromonas hydrophila Serotype O34 Virulence. Infection and Immunity, 2006, 74, 537-548.	1.0	29
64	Genetics and Proteomics of Aeromonas salmonicida Lipopolysaccharide Core Biosynthesis. Journal of Bacteriology, 2009, 191, 2228-2236.	1.0	29
65	Structural studies on the R-type lipopolysaccharide of Aeromonas hydrophila. Carbohydrate Research, 2004, 339, 787-793.	1.1	28
66	Synthesis of a Klebsiella pneumoniae O-Antigen Heteropolysaccharide (O12) Requires an ABC 2 Transporter. Journal of Bacteriology, 2003, 185, 1634-1641.	1.0	27
67	Structural Studies of the Oâ€Chain Polysaccharide from Plesiomonas shigelloides Strain 302â€“73 (Serotype O1). European Journal of Organic Chemistry, 2008, 2008, 3149-3155.	1.2	26
68	Molecular Analysis of Three Aeromonas hydrophila AH-3 (Serotype O34) Lipopolysaccharide Core Biosynthesis Gene Clusters. Journal of Bacteriology, 2008, 190, 3176-3184.	1.0	26
69	Cloning and characterization of two Serratia marcescens genes involved in core lipopolysaccharide biosynthesis. Journal of Bacteriology, 1996, 178, 5741-5747.	1.0	24
70	Genetic and Structural Characterization of the Core Region of the Lipopolysaccharide from Serratia marcescens N28b (Serovar O4). Journal of Bacteriology, 2004, 186, 978-988.	1.0	24
71	Pathogenic Aeromonas hydrophila Serogroup O:14 and O:81 Strains with an S Layer. Applied and Environmental Microbiology, 2004, 70, 5898-5904.	1.4	24
72	Role of Gne and GalE in the Virulence of Aeromonas hydrophila Serotype O34. Journal of Bacteriology, 2007, 189, 540-550.	1.0	24

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73	The complete structure of the core of the LPS from Plesiomonas shigelloides 302â€“73 and the identification of its O-antigen biological repeating unit. Carbohydrate Research, 2010, 345, 2523-2528.	1.1	24
74	The first sugar of the repeat units is essential for the Wzy polymerase activity and elongation of the O-antigen lipopolysaccharide. Future Microbiology, 2016, 11, 903-918.	1.0	24
75	The presence of capsular polysaccharide in mesophilic Aeromonas hydrophila serotypes O:11 and O:34. FEMS Microbiology Letters, 1995, 128, 69-73.	0.7	23
76	Molecular characterization of a 17-kDa outer-membrane protein from Klebsiella pneumoniae. Research in Microbiology, 1997, 148, 133-143.	1.0	23
77	Transcriptional Hierarchy of Aeromonas hydrophila Polar-Flagellum Genes. Journal of Bacteriology, 2011, 193, 5179-5190.	1.0	23
78	The role of the O-antigen lipopolysaccharide on the colonization in vivo of the germfree chicken gut by Klebsiella pneumoniae. Microbial Pathogenesis, 1993, 14, 433-440.	1.3	22
79	A survey of bacterial toxins involved in food poisoning: a suggestion for bacterial food poisoning toxin nomenclature. International Journal of Food Microbiology, 1995, 28, 129-144.	2.1	22
80	A Colonization Factor (Production of Lateral Flagella) of Mesophilic Aeromonas spp. Is Inactive in Aeromonas salmonicida Strains. Applied and Environmental Microbiology, 2003, 69, 663-667.	1.4	22
81	Vibrio vulnificus Biotype 2 Serovar E gne but Not galE Is Essential for Lipopolysaccharide Biosynthesis and Virulence. Infection and Immunity, 2008, 76, 1628-1638.	1.0	21
82	A UDP-HexNAc:Polyprenol-P GalNAc-1-P Transferase (WecP) Representing a New Subgroup of the Enzyme Family. Journal of Bacteriology, 2011, 193, 1943-1952.	1.0	21
83	Synthesis of 25-fluoroponasterone A, a fluorinated analogue of 20-hdyroxyecdysone.. Tetrahedron, 1992, 48, 9809-9818.	1.0	20
84	Impairment of Respiratory Burst in Polymorphonuclear Leukocytes by Extended-Spectrum Beta-Lactamase-Producing Strains of Klebsiella pneumoniae. European Journal of Clinical Microbiology and Infectious Diseases, 2004, 23, 20-26.	1.3	20
85	The Aeromonas hydrophila wb * O34 Gene Cluster: Genetics and Temperature Regulation. Journal of Bacteriology, 2008, 190, 4198-4209.	1.0	20
86	The Plesiomonas shigelloides wbO1 gene cluster and the role of O1-antigen LPS in pathogenicity. Microbial Pathogenesis, 2013, 63, 1-7.	1.3	20
87	Characterization of an O-antigen bacteriophage from Aeromonas hydrophila. Canadian Journal of Microbiology, 1992, 38, 235-240.	0.8	19
88	Clinical spectrum of fever of intermediate duration in the south of Spain. European Journal of Clinical Microbiology and Infectious Diseases, 2008, 27, 993-995.	1.3	19
89	Structure of the Core Region from the Lipopolysaccharide of Plesiomonas shigelloides Strain 302â€73 (Serotype O1). European Journal of Organic Chemistry, 2009, 2009, 1365-1371.	1.2	19
90	The role of the capsular polysaccharide of Aeromonas hydrophila serogroup O:34 in the adherence to and invasion of fish cell lines. Research in Microbiology, 1997, 148, 625-631.	1.0	18

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91	Molecular and Chemical Analysis of the Lipopolysaccharide from Aeromonas hydrophila Strain AH-1 (Serotype O11). Marine Drugs, 2015, 13, 2233-2249.	2.2	18
92	Genetic Analysis of the Serratia marcescens N28b O4 Antigen Gene Cluster. Journal of Bacteriology, 1999, 181, 1883-1891.	1.0	18
93	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
94	Functional Identification of theProteusmirabilisCore Lipopolysaccharide Biosynthesis Genes. Journal of Bacteriology, 2010, 192, 4413-4424.	1.0	17
95	Role of Aeromonas hydrophila Flagella Glycosylation in Adhesion to Hep-2 Cells, Biofilm Formation and Immune Stimulation. International Journal of Molecular Sciences, 2014, 15, 21935-21946.	1.8	17
96	Salicylate-enhanced exposure ofKlebsiella pneumoniae subcapsular components. Infection, 1995, 23, 371-377.	2.3	16
97	Effects of Lipopolysaccharide Biosynthesis Mutations on K1 Polysaccharide Association with the Escherichia coli Cell Surface. Journal of Bacteriology, 2012, 194, 3356-3367.	1.0	16
98	Functional Genomics of the Aeromonas salmonicida Lipopolysaccharide O-Antigen and A-Layer from Typical and Atypical Strains. Marine Drugs, 2015, 13, 3791-3808.	2.2	16
99	The polar and lateral flagella from Plesiomonas shigelloides are glycosylated with legionaminic acid. Frontiers in Microbiology, 2015, 6, 649.	1.5	16
100	Aeromonas piscicola AH-3 expresses an extracellular collagenase with cytotoxic properties. Letters in Applied Microbiology, 2015, 60, 288-297.	1.0	16
101	The Animal Model Determines the Results of Aeromonas Virulence Factors. Frontiers in Microbiology, 2016, 7, 1574.	1.5	16
102	Efficient determination of phytoecdysteroids from Ajuga species and Polypodium vulgare by high-performance liquid chromatography. Journal of Chromatography A, 1990, 514, 199-207.	1.8	15
103	Studies of aerolysin promoters from different Aeromonas spp.. Microbial Pathogenesis, 2003, 35, 189-196.	1.3	15
104	A C1q-binding 40kDa porin from Aeromonas salmonicida: Cloning, sequencing, role in serum susceptibility and fish immunoprotection. Microbial Pathogenesis, 2005, 38, 227-237.	1.3	15
105	Two Redundant Sodium-Driven Stator Motor Proteins Are Involved in Aeromonas hydrophila Polar Flagellum Rotation. Journal of Bacteriology, 2009, 191, 2206-2217.	1.0	15
106	Influence of lipopolysaccharide on external hemolytic activity ofSalmonella typhimurium andKlebsiella pneumoniae. Current Microbiology, 1990, 20, 1-3.	1.0	14
107	The cell division genes (ftsEandX) ofAeromonas hydrophilaand their relationship with opsonophagocytosis. FEMS Microbiology Letters, 2001, 198, 183-188.	0.7	14
108	The Incorporation of Glucosamine into Enterobacterial Core Lipopolysaccharide. Journal of Biological Chemistry, 2005, 280, 36648-36656.	1.6	14

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109	Aeromonas hydrophila Lateral Flagellar Gene Transcriptional Hierarchy. Journal of Bacteriology, 2013, 195, 1436-1445.	1.0	14
110	Functional Identification of Proteus mirabilis eptC Gene Encoding a Core Lipopolysaccharide Phosphoethanolamine Transferase. International Journal of Molecular Sciences, 2014, 15, 6689-6702.	1.8	14
111	Isolation and characterization of bacteriophage PM3 from Aeromonas hydrophila the bacterial receptor for which is the monopolar flagellum. FEMS Microbiology Letters, 1990, 69, 277-282.	0.7	14
112	Isolation and partial characterization of phages infectingCitrobacter intermedius C3. Current Microbiology, 1981, 5, 153-156.	1.0	13
113	Physicochemical surface properties ofKlebsiella pneumoniae. Current Microbiology, 1992, 24, 31-33.	1.0	13
114	Structure of a polysaccharide from the lipopolysaccharide of Vibrio vulnificus clinical isolate YJ016 containing 2-acetimidoylamino-2-deoxy-l-galacturonic acid. Carbohydrate Research, 2009, 344, 1009-1013.	1.1	13
115	Detection of Aeromonas hydrophila in food with an enzymeâ€linked immunosorbent assay. Journal of Applied Bacteriology, 1993, 74, 149-154.	1.1	12
116	Genome Sequence of Plesiomonas shigelloides Strain 302-73 (Serotype O1). Genome Announcements, 2013, 1, .	0.8	12
117	Genomic and Proteomic Studies on Plesiomonas shigelloides Lipopolysaccharide Core Biosynthesis. Journal of Bacteriology, 2014, 196, 556-567.	1.0	12
118	Polar Glycosylated and Lateral Non-Glycosylated Flagella from Aeromonas hydrophila Strain AH-1 (Serotype O11). International Journal of Molecular Sciences, 2015, 16, 28255-28269.	1.8	12
119	Secretion of anAeromonas hydrophilaaerolysin by a mutant strain ofEscherichia coli. FEMS Microbiology Letters, 1987, 48, 413-417.	0.7	11
120	Complement resistance of capsulated strains ofAeromonas salmonicida. Microbial Pathogenesis, 1997, 22, 315-320.	1.3	11
121	Two genes from the capsule of Aeromonas hydrophila (serogroup O:34) confer serum resistance to Escherichia coli K12 strains. Research in Microbiology, 1999, 150, 395-402.	1.0	11
122	A Bifunctional Enzyme in a Single Gene Catalyzes the Incorporation of GlcN into the Aeromonas Core Lipopolysaccharide. Journal of Biological Chemistry, 2009, 284, 32995-33005.	1.6	11
123	The Aeromonas salmonicida Lipopolysaccharide Core from Different Subspecies: The Unusual subsp. pectinolytica. Frontiers in Microbiology, 2016, 7, 125.	1.5	11
124	Surface Glucan Structures in Aeromonas spp.. Marine Drugs, 2021, 19, 649.	2.2	11
125	ThewavBgene ofVibrio choleraeand thewaaEofKlebsiella pneumoniaecodify for a ÃŽÂ²-1,4-glucosyltransferase involved in the transfer of a glucose residue to the l-glycero-d-manno-heptose I in the lipopolysaccharide inner core. FEMS Microbiology Letters, 2002, 216, 211-216.	0.7	10
126	Glyceraldehyde-3-phosphate dehydrogenase, a glycolytic enzyme present in the periplasm of Aeromonas hydrophila. Antonie Van Leeuwenhoek, 2003, 84, 31-38.	0.7	10

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127	Structure of a polysaccharide from the lipopolysaccharide of Vibrio vulnificus CECT4602 containing 2-acetamido-2,3,6-trideoxy-3-[(S)- and (R)-3-hydroxybutanoylamino]-l-mannose. Carbohydrate Research, 2009, 344, 479-483.	1.1	10
128	Structure of a polysaccharide from the lipopolysaccharides of Vibrio vulnificus strains CECT 5198 and S3-I2-36, which is remarkably similar to the O-polysaccharide of Pseudoalteromonas rubra ATCC 29570. Carbohydrate Research, 2009, 344, 2005-2009.	1.1	10
129	Aeromonas hydrophila motY is essential for polar flagellum function, and requires coordinate expression of motX and Pom proteins. Microbiology (United Kingdom), 2011, 157, 2772-2784.	0.7	10
130	Nanoliposomes encapsulating immunostimulants modulate the innate immune system and elicit protection in zebrafish larvae. Fish and Shellfish Immunology, 2019, 92, 421-429.	1.6	10
131	Inhibition of two imidazole antimycotics, eberconazole and clotrimazole, by different components of Candida albicans serotype B membrane protoplasts. International Journal of Antimicrobial Agents, 1993, 3, 61-64.	1.1	9
132	Mesophilic Aeromonas strains from different serogroups: the influence of growth temperature and osmolarity on lipopolysaccharide and virulence. Research in Microbiology, 1998, 149, 407-416.	1.0	9
133	First description of nonmotileVibrio vulnificusstrains virulent for eels. FEMS Microbiology Letters, 2007, 266, 90-97.	0.7	9
134	The Aeromonas dsbA mutation decreased their virulence by triggering type III secretion system but not flagella production. Microbial Pathogenesis, 2012, 52, 130-139.	1.3	9
135	Aeromonas hydrophila Flagella Glycosylation: Involvement of a Lipid Carrier. PLoS ONE, 2014, 9, e89630.	1.1	9
136	The FlgT Protein Is Involved in Aeromonas hydrophila Polar Flagella Stability and Not Affects Anchorage of Lateral Flagella. Frontiers in Microbiology, 2016, 7, 1150.	1.5	9
137	Modulation of surface antigen expression by Klebsiella pneumoniae in response to growth environment. Microbial Pathogenesis, 1992, 13, 145-155.	1.3	8
138	Whole-Genome Sequence of Aeromonas hydrophila Strain AH-1 (Serotype O11). Genome Announcements, 2016, 4, .	0.8	8
139	Possible virulence factors of Aeromonas spp. from food and water. , 0, .		8
140	P1 bacteriophage and tellurite sensitivity in Klebsiella pneumoniae and Escherichia coli. Canadian Journal of Microbiology, 1984, 30, 830-836.	0.8	7
141	Klebsiella pneumoniae C3 lipopolysaccharide mutants obtained by resistance to bacteriophage FC3-9. Annales De L'Institut Pasteur Microbiologie, 1986, 137, 29-36.	0.8	7
142	A high molecular weight lipopolysaccharide specific bacteriophage for Klebsiella pneumoniae. Canadian Journal of Microbiology, 1988, 34, 918-921.	0.8	7
143	Bacterial lipopolysaccharide extraction in silica gel-containing tubes. Journal of Microbiological Methods, 1991, 14, 63-69.	0.7	7
144	Structural determination of the O-specific polysaccharide from Aeromonas hydrophila strain A19 (serogroup O:14) with S-layer. Carbohydrate Research, 2011, 346, 2519-2522.	1.1	7

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145	The influence of lipopolysaccharide on the transformation efficiency of Klebsiella pneumoniae. Canadian Journal of Microbiology, 1989, 35, 735-737.	0.8	6
146	Identification of the cell surface receptor cell bacteriophage 18 from aeromonas hydrophila. Research in Microbiology, 1990, 141, 173-180.	1.0	6
147	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
148	Complement activation in Klebsiella pneumoniae. Reviews in Medical Microbiology, 1998, 9, 69-78.	0.4	6
149	Three Enzymatic Steps Required for the Galactosamine Incorporation into Core Lipopolysaccharide. Journal of Biological Chemistry, 2010, 285, 39739-39749.	1.6	6
150	Aeromonas Surface Glucan Attached through the O-Antigen Ligase Represents a New Way to Obtain UDP-Glucose. PLoS ONE, 2012, 7, e35707.	1.1	6
151	The Complete Structure of the Core Oligosaccharide from Edwardsiella tarda EIB 202 Lipopolysaccharide. International Journal of Molecular Sciences, 2017, 18, 1163.	1.8	6
152	The role of 01-antigen in the adhesion to uroepithelial cells ofKlebsiella pneumoniaegrown in urine. Microbial Pathogenesis, 1997, 23, 49-53.	1.3	5
153	The Polymerization of Aeromonas hydrophila AH-3 O-Antigen LPS: Concerted Action of WecP and Wzy. PLoS ONE, 2015, 10, e0131905.	1.1	5
154	The influence of the O-antigen and the capsular polysaccharide on the establishment of PlCmtslysogeny inKlebsiella pneumoniae. FEMS Microbiology Letters, 1989, 60, 67-70.	0.7	4
155	A new and rapid ,ethod for the isolation of Kâ˜ isogenic mutants from Klebsiella pneumoniae. Journal of Microbiological Methods, 1989, 9, 287-295.	0.7	4
156	The O-antigen lipopolysaccharide is the major barrier to plasmid DNA uptake by Klebsiella pneumoniae during transformation by electroporation and osmotic shock. Journal of Microbiological Methods, 1992, 15, 129-134.	0.7	4
157	Bismuth-Dimercaprol Exposes Surface Components of Klebsiella pneumoniae Camouflaged by the Polysaccharide Capsule. Annals of the New York Academy of Sciences, 1996, 797, 269-270.	1.8	4
158	Genome Sequence of Aeromonas hydrophila Strain AH-3 (Serotype O34). Genome Announcements, 2016, 4, .	0.8	4
159	Characterizing bacterial glycoproteins with LC-MS. Expert Review of Proteomics, 2018, 15, 203-216.	1.3	4
160	Polar Flagella Glycosylation in Aeromonas: Genomic Characterization and Involvement of a Specific Glycosyltransferase (Fgi-1) in Heterogeneous Flagella Glycosylation. Frontiers in Microbiology, 2020, 11, 595697.	1.5	4
161	Tricarboxylate transport in a Cit+Escherichia coli: evidence for the role of an outer membrane protein. Canadian Journal of Microbiology, 1984, 30, 916-921.	0.8	3
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