Andrej Weintraub

List of Publications by Year
in descending order

95 papers	2,882 citations	257450 24 h-index	189892 50 g-index
96 all docs	96 docs citations	96 times ranked	3576 citing authors

#	Article	IF	Citations
1	The structures ofEscherichia coliO-polysaccharide antigens. FEMS Microbiology Reviews, 2006, 30, 382-403.	8.6	346
2	Same Exposure but Two Radically Different Responses to Antibiotics: Resilience of the Salivary Microbiome versus Long-Term Microbial Shifts in Feces. MBio, 2015, 6, e01693-15.	4.1	333
3	Immunology of bacterial polysaccharide antigens. Carbohydrate Research, 2003, 338, 2539-2547.	2.3	269
4	Structural characterization of the lipid A component of Bacteroides fragilis strain NCTC 9343 lipopolysaccharide. FEBS Journal, 1989, 183, 425-431.	0.2	151
5	Determining the Long-term Effect of Antibiotic Administration on the Human Normal Intestinal Microbiota Using Culture and Pyrosequencing Methods. Clinical Infectious Diseases, 2015, 60, S77-S84.	5.8	151
6	Enteroaggregative Escherichia coli: epidemiology, virulence and detection. Journal of Medical Microbiology, 2007, 56, 4-8.	1.8	103
7	Structure of the Capsular Polysaccharide of Vibrio cholerae O139 Synonym Bengal Containing D-galactose 4,6-Cyclophosphate. FEBS Journal, 1995, 232, 391-396.	0.2	86
8	Enzymatic synthesis and isolation of thymidine diphosphate-6-deoxy-D-xylo-4-hexulose and thymidine diphosphate-L-rhamnose. Production using cloned gene products and separation by HPLC. FEBS Journal, 1992, 204, 539-545.	0.2	68
9	Prevalence of diarrhoeagenic Escherichia coli in children from LeÃ³n, Nicaragua. Journal of Medical Microbiology, 2009, 58, 630-637.	1.8	62
10	Endodontic pathogens in periodontal disease augmentation. Journal of Clinical Periodontology, 1995, 22, 598-602.	4.9	43
11	Structural Studies on the Short-Chain Lipopolysaccharide of Vibrio Cholerae O139 Bengal. FEBS Journal, 1997, 247, 402-410.	0.2	43
12	Risk factors of Clostridium difficile infections among patients in a university hospital in Shanghai, China. Anaerobe, 2014, 30, 65-69.	2.1	42
13	Antibiotic resistance patterns of intestinal Escherichia coli isolates from Nicaraguan children. Journal of Medical Microbiology, 2011, 60, 216-222.	1.8	41
14	Impact of Ciprofloxacin and Clindamycin Administration on Gram-Negative Bacteria Isolated from Healthy Volunteers and Characterization of the Resistance Genes They Harbor. Antimicrobial Agents and Chemotherapy, 2015, 59, 4410-4416.	3.2	39
15	The Outer Membrane of <i>Brucella ovis</i> Shows Increased Permeability to Hydrophobic Probes and Is More Susceptible to Cationic Peptides than Are the Outer Membranes of Mutant Rough <i>Brucella abortus</i> Strains. Infection and Immunity, 1999, 67, 6181-6186.	2.2	35
16	Structural studies of the O-antigen polysaccharide from the enteroinvasive Escherichia coli O164 cross-reacting with Shigella dysenteriae type 3. FEBS Journal, 1999, 266, 460-466.	0.2	31
17	InÂvitro activity of MCB3681 against Clostridium difficile strains. Anaerobe, 2014, 28, 216-219.	2.1	31
18	Structural analysis of the O-antigen polysaccharide from Escherichia coli O152. Carbohydrate Research, 2005, 340, 167-171.	2.3	30

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19	Structural studies of the polysaccharide part of the cell wall lipopolysaccharide from Bacteroides fragilis NCTC 9343. FEBS Journal, 1985, 151, 657-661.	0.2	28
20	Structural elucidation of the O-antigenic polysaccharide from Escherichia coli O175. Carbohydrate Research, 2011, 346, 449-453.	2.3	28
21	Development of antimicrobial resistance in the normal anaerobic microbiota during one year after administration of clindamycin or ciprofloxacin. Anaerobe, 2015, 31, 72-77.	2.1	27
22	Ecological effect of ceftazidime/avibactam on the normal human intestinal microbiota. International Journal of Antimicrobial Agents, 2015, 46, 60-65.	2.5	27
23	Structural and immunochemical relationship between the O-antigenic polysaccharides from the enteroaggregative Escherichia coli strain 396/C-1 and Escherichia coli O126. Carbohydrate Research, 2004, 339, 1491-1496.	2.3	26
24	Genetic and structural relationships of Salmonella O55 and Escherichia coli O103 O-antigens and identification of a 3-hydroxybutanoyltransferase gene involved in the synthesis of a Fuc3N derivative. Glycobiology, 2010, 20, 679-688.	2.5	25
25	Structural studies of the Escherichia coli O26 O-antigen polysaccharide. Carbohydrate Research, 1996, 281, 155-160.	2.3	24
26	Structural analysis of the O-antigen polysaccharide from the Shiga toxin-producing Escherichia coli O172. FEBS Journal, 2001, 268, 2239-2245.	0.2	24
27	Ecological impact of MCB3837 on the normal human microbiota. International Journal of Antimicrobial Agents, 2014, 44, 125-130.	2.5	24
28	Structural studies utilizing 13C-enrichment of the O-antigen polysaccharide from the enterotoxigenic Escherichia coli O159 cross-reacting with Shigella dysenteriae type 4. FEBS Journal, 1999, 266, 246-251.	0.2	23
29	Structural Determination and Biosynthetic Studies of the O-Antigenic Polysaccharide from the EnterohemorrhagicEscherichia coliO91 Using13C-Enrichment and NMR Spectroscopyâ€. Biochemistry, 1999, 38, 12205-12211.	2.5	23
30	Structural determination of the O-antigenic polysaccharide from the Shiga toxin-producing Escherichia coli O171. Carbohydrate Research, 2006, 341, 1878-1883.	2.3	23
31	Expression of the Shigella dysenteriae type-1 lipopolysaccharide repeating unit in Escherichia coli K12/Shigella dysenteriae type-1 hybrids. FEBS Journal, 1993, 213, 573-581.	0.2	22
32	Vibrio cholerae O139 requires neither capsule nor LPS O side chain to grow inside Acanthamoeba castellanii. Journal of Medical Microbiology, 2009, 58, 125-131.	1.8	22
33	Structural Elucidation of the O-Antigen Lipopolysaccharide from two Strains of Plesiomonas Shigelloides that Share a Type-Specific Antigen with Shigella Flexneri 6, and the Common Group 1 Antigen with Shigella Flexneri spp and Shigella Dysenteriae 1. FEBS Journal, 1995, 231, 839-844.	0.2	21
34	Structure determination of the O-antigenic polysaccharide from the enteroinvasive Escherichia coli O136. FEBS Journal, 1999, 263, 656-661.	0.2	21
35	Structural studies of the O-antigen polysaccharide from the enteroinvasive Escherichiacoli O173. Carbohydrate Research, 1999, 320, 200-208.	2.3	20
36	Structural elucidation of the O-antigenic polysaccharide from the enteroaggregative Escherichia coli strain 180/C3 and its immunochemical relationship with E. coli O5 and O65. Carbohydrate Research, 2005, 340, 645-650.	2.3	19

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37	A comparison of Clostridium difficile diagnostic methods for identification of local strains in a South African centre. Journal of Medical Microbiology, 2016, 65, 320-327.	1.8	19
38	Structure determination of the O-antigen polysaccharide from the enteroinvasive Escherichia coli (EIEC) O143 by component analysis and NMR spectroscopy. Carbohydrate Research, 1996, 291, 209-216.	2.3	18
39	Structural determination of the O-antigenic polysaccharide from Escherichia coli O74. Carbohydrate Research, 2009, 344, 1592-1595.	2.3	17
40	Structure of the O-Specific Polysaccharide of an Aeromonas Trota Strain Cross-Reactive with Vibrio Cholerae O139 Bengal. FEBS Journal, 1996, 238, 160-165.	0.2	16
41	Structural determination of the O-antigenic polysaccharide from Escherichia coli O35 and cross-reactivity to Salmonella arizonae O62. FEBS Journal, 1998, 258, 139-143.	0.2	16
42	Structural studies of the O-antigenic polysaccharides from Shigella dysenteriae type 3 and Escherichia coli O124, a reinvestigation. Carbohydrate Research, 2006, 341, 2986-2989.	2.3	16
43	Structural studies of the enteroinvasive Escherichia coli (EIEC) O28 O-antigenic polysaccharide. Carbohydrate Research, 1996, 291, 127-139.	2.3	15
44	Structural studies of the O-polysaccharide from the Escherichia coli O77 lipopolysaccharide. Carbohydrate Research, 2001, 333, 179-183.	2.3	15
45	Structural studies of the enterotoxigenic Escherichia coli (ETEC) O153 O-antigenic polysaccharide. Carbohydrate Research, 1994, 265, 113-120.	2.3	14
46	Structural Elucidation of the O-Antigenic Polysaccharide from Escherichia coli O44: H18. FEBS Journal, 1995, 233, 473-477.	0.2	14
47	Structure elucidation of the O-antigenic polysaccharide from the enteroaggregative Escherichia coli strain 62D1. FEBS Journal, 1999, 262, 56-62.	0.2	14
48	Structural determination of the O-antigenic polysaccharide from the verocytotoxin-producing Escherichia coli O176. Carbohydrate Research, 2008, 343, 805-809.	2.3	14
49	Preparation of oligosaccharide-polyacrylamide conjugates and their use as antigens in enzyme immunoassay (EIA). Glycoconjugate Journal, 1990, 7, 111-119.	2.7	13
50	Structural determination of the O-antigenic polysaccharide from the enterotoxigenic Escherichia coli O147. FEBS Journal, 1998, 251, 534-537.	0.2	13
51	NMR spectroscopy of13C-enriched polysaccharides: application of13C-13C TOCSY to sugars of different configuration. Magnetic Resonance in Chemistry, 1998, 36, 128-131.	1.9	13
52	Structure and genetics of the O-antigen of Escherichia coli O169 related to the O-antigen of Shigella boydii type 6. Carbohydrate Research, 2015, 414, 46-50.	2.3	13
53	Structural studies of the O-antigenic polysaccharide of an enteroaggregative Escherichia coli strain. FEBS Journal, 1993, 213, 859-864.	0.2	12
54	Structural Analysis of the O-Antigenic Polysaccharide from the Enteropathogenic Escherichia coli O142. FEBS Journal, 1997, 244, 449-453.	0.2	12

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55	Structure determination of the O-antigenic polysaccharide from the enterotoxigenic Escherichia coli (ETEC) O101. Carbohydrate Research, 1997, 297, 297-299.	2.3	12
56	Structural studies of the O-antigenic polysaccharide from Escherichia coli O139. FEBS Journal, 1998, 254, 378-381.	0.2	12
57	Structural elucidation of the O-antigenic polysaccharides from Escherichia coli O21 and the enteroaggregative Escherichia coli strain 105. FEBS Journal, 1999, 266, 241-245.	0.2	12
58	Structure of the O-polysaccharide of Escherichia coli O132. Carbohydrate Research, 2016, 427, 44-47.	2.3	12
59	Clostridium difficile recurrences in Stockholm. Anaerobe, 2016, 38, 97-102.	2.1	12
60	Structural studies of the O-antigenic polysaccharides from the enteroaggregative Escherichia coli strain 522/C1 and the international type strain from Escherichia coli O178. Carbohydrate Research, 2005, 340, 2010-2014.	2.3	11
61	Rapid structural elucidation of polysaccharides employing predicted functions of glycosyltransferases and NMR data: Application to the O-antigen of Escherichia coli O59. Glycobiology, 2014, 24, 450-457.	2.5	11
62	Ecological Effect of Ceftaroline-Avibactam on the Normal Human Intestinal Microbiota. Antimicrobial Agents and Chemotherapy, 2015, 59, 4504-4509.	3.2	11
63	Structural studies of a polysaccharide from Vibrio parahaemolyticus strain AN-16000. Carbohydrate Research, 2016, 432, 41-49.	2.3	11
64	Cross-reactivity between the mannan of Candida species, Klebsiella K24 polysaccharide and Salmonella C1 and E O-antigens is mediated by a terminal non-reducing beta-mannosyl residue. FEBS Journal, 1994, 220, 973-979.	0.2	10
65	Structural Studies of the O-Antigenic Polysaccharides of Escherichia coli O3 and the Enteroaggregative Escherichia coli Strain 17-2. FEBS Journal, 1994, 224, 191-196.	0.2	9
66	Evaluation of a multiplex real-time PCR kit AmplidiagÂ® Bacterial GE in the detection of bacterial pathogens from stool samples. Journal of Microbiological Methods, 2016, 128, 61-65.	1.6	9
67	Structural analysis of the O-antigenic polysaccharide from Vibrio mimicus N-1990. FEBS Journal, 1998, 251, 986-990.	0.2	8
68	Structural determination of the O-antigenic polysaccharide from Escherichia coli O166. Carbohydrate Research, 2007, 342, 274-278.	2.3	8
69	Structural studies of the O-antigenic polysaccharides from the enteroaggregative Escherichia coli strain 87/D2 and international type strains from E. coli O128. Carbohydrate Research, 2008, 343, 695-702.	2.3	8
70	Characterization of enterotoxigenic Escherichia coli strains isolated from Nicaraguan children in hospital, primary care and community settings. Journal of Medical Microbiology, 2014, 63, 729-734.	1.8	8
71	Structural Elucidation of the Oâ€Antigen Polysaccharide from <i>Escherichia coli</i> O181. ChemistryOpen, 2015, 4, 47-55.	1.9	8
72	Structural Analysis of the O-Antigenic Polysaccharide from the Enteropathogenic Escherichia coli O125. FEBS Journal, 1996, 239, 532-538.	0.2	7

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73	Diversity of intestinal Escherichia coli populations in Nicaraguan children with and without diarrhoea. Journal of Medical Microbiology, 2009, 58, 1593-1600.	1.8	7
74	Structural studies of the O-antigenic polysaccharide from Escherichia coli O177. Carbohydrate Research, 2011, 346, 2300-2303.	2.3	7
75	In-vitro activity of solithromycin against anaerobic bacteria from the normal intestinal microbiota. Anaerobe, 2016, 42, 119-122.	2.1	7
76	Structural Studies of the O-Antigen Polysaccharide from Escherichia Coli 0138. FEBS Journal, 1997, 247, 567-571.	0.2	6
77	Structural studies of the O-antigen polysaccharide from Escherichia coli O115 and biosynthetic aspects thereof. Glycobiology, 2013, 23, 354-362.	2.5	6
78	Facile Structural Elucidation of Glycans Using NMR Spectroscopy Data and the Program CASPER: Application to the Oâ€Antigen Polysaccharide of <i>Escherichia coli</i> O155. ChemPlusChem, 2013, 78, 1327-1329.	2.8	6
79	Structural studies and biosynthetic aspects of the O-antigen polysaccharide from Escherichia coli O42. Carbohydrate Research, 2015, 403, 174-181.	2.3	6
80	Structure and gene cluster of the O-antigen ofEscherichia coliO165 containing 5-N-acetyl-7-N-[(R)-3-hydroxybutanoyl]pseudaminic acid. Glycobiology, 2016, 26, 335-342.	2.5	6
81	Structural studies of the Escherichia coli O90 O-antigen polysaccharide. Carbohydrate Research, 1994, 263, 209-215.	2.3	5
82	Structural studies of the O-antigenic polysaccharides from the enteroaggregative Escherichia coli strain 94/D4 and the international type strain Escherichia coli O82. Carbohydrate Research, 2009, 344, 2528-2532.	2.3	5
83	Structural studies and biosynthetic aspects of the O-antigen polysaccharide from Escherichia coli O174. Carbohydrate Research, 2012, 354, 102-105.	2.3	5
84	Structure elucidation and biosynthesis gene cluster organization of the O-antigen of Escherichia coli O170. Carbohydrate Research, 2015, 417, 11-14.	2.3	5
85	Ecological Effect of Solithromycin on Normal Human Oropharyngeal and Intestinal Microbiota. Antimicrobial Agents and Chemotherapy, 2016, 60, 4244-4251.	3.2	5
86	Structural Analysis of the O-antigenic Polysaccharide from Vibrio cholerae O10. FEBS Journal, 1997, 249, 758-761.	0.2	4
87	Alternative Strategies for Proof-of-Principle Studies of Antibacterial Agents. Antimicrobial Agents and Chemotherapy, 2014, 58, 4257-4263.	3.2	4
88	Elucidation of the O-antigen structure of Escherichia coli O63. Glycobiology, 2019, 29, 179-187.	2.5	4
89	Self-Competitive Inhibition of the Bacteriophage P22 Tailspike Endorhamnosidase by O-Antigen Oligosaccharides. Biochemistry, 2020, 59, 4845-4855.	2.5	4
90	Structure of the O-antigen of Vibrio cholerae O155 that shares a putative D-galactose 4,6-cyclophosphate-associated epitope with V. cholerae O139 Bengal. FEBS Journal, 1998, 254, 58-62.	0.2	3

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91	Interaction betweenVibrio choleraeandAcanthamoeba castellanii. Microbial Ecology in Health and Disease, 2004, 16, 51-57.	3.5	3
92	Molecular characteristics of Clostridium difficile strains from patients with a first recurrence more than 8Âweeks after the primary infection. Journal of Microbiology, Immunology and Infection, 2017, 50, 532-536.	3.1	3
93	Structural determination of the O-antigenic polysaccharide from Escherichia coli O141. FEBS Journal, 1998, 254, 168-171.	0.2	2
94	NMR analysis of the O-antigen polysaccharide fromEscherichia coli strain F171. Magnetic Resonance in Chemistry, 2003, 41, 202-205.	1.9	2
95	Structures and gene clusters of the closely related O-antigensÂofÂEscherichia coli O46 and O134, both containing d-glucuronoyl-d-allothreonine. Carbohydrate Research, 2015, 409, 20-24.	2.3	2