

Andrej Weintraub

List of Publications by Year in descending order

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papers

2,882
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257450

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96
times ranked

3576
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Competitive Inhibition of the Bacteriophage P22 Tailspike Endorhamnosidase by O-Antigen Oligosaccharides. <i>Biochemistry</i> , 2020, 59, 4845-4855.	2.5	4
2	Elucidation of the O-antigen structure of <i>Escherichia coli</i> O63. <i>Glycobiology</i> , 2019, 29, 179-187.	2.5	4
3	Molecular characteristics of <i>Clostridium difficile</i> strains from patients with a first recurrence more than 8 weeks after the primary infection. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 532-536.	3.1	3
4	Ecological Effect of Solithromycin on Normal Human Oropharyngeal and Intestinal Microbiota. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4244-4251.	3.2	5
5	Structure of the O-polysaccharide of <i>Escherichia coli</i> O132. <i>Carbohydrate Research</i> , 2016, 427, 44-47.	2.3	12
6	In-vitro activity of solithromycin against anaerobic bacteria from the normal intestinal microbiota. <i>Anaerobe</i> , 2016, 42, 119-122.	2.1	7
7	Structural studies of a polysaccharide from <i>Vibrio parahaemolyticus</i> strain AN-16000. <i>Carbohydrate Research</i> , 2016, 432, 41-49.	2.3	11
8	Evaluation of a multiplex real-time PCR kit Amplidiag® Bacterial GE in the detection of bacterial pathogens from stool samples. <i>Journal of Microbiological Methods</i> , 2016, 128, 61-65.	1.6	9
9	<i>Clostridium difficile</i> recurrences in Stockholm. <i>Anaerobe</i> , 2016, 38, 97-102.	2.1	12
10	Structure and gene cluster of the O-antigen of <i>Escherichia coli</i> O165 containing 5-N-acetyl-7-N-[(R)-3-hydroxybutanoyl]pseudaminic acid. <i>Glycobiology</i> , 2016, 26, 335-342.	2.5	6
11	A comparison of <i>Clostridium difficile</i> diagnostic methods for identification of local strains in a South African centre. <i>Journal of Medical Microbiology</i> , 2016, 65, 320-327.	1.8	19
12	Impact of Ciprofloxacin and Clindamycin Administration on Gram-Negative Bacteria Isolated from Healthy Volunteers and Characterization of the Resistance Genes They Harbor. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4410-4416.	3.2	39
13	Ecological Effect of Ceftaroline-Avibactam on the Normal Human Intestinal Microbiota. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4504-4509.	3.2	11
14	Same Exposure but Two Radically Different Responses to Antibiotics: Resilience of the Salivary Microbiome versus Long-Term Microbial Shifts in Feces. <i>MBio</i> , 2015, 6, e01693-15.	4.1	333
15	Development of antimicrobial resistance in the normal anaerobic microbiota during one year after administration of clindamycin or ciprofloxacin. <i>Anaerobe</i> , 2015, 31, 72-77.	2.1	27
16	Structure and genetics of the O-antigen of <i>Escherichia coli</i> O169 related to the O-antigen of <i>Shigella boydii</i> type 6. <i>Carbohydrate Research</i> , 2015, 414, 46-50.	2.3	13
17	Determining the Long-term Effect of Antibiotic Administration on the Human Normal Intestinal Microbiota Using Culture and Pyrosequencing Methods. <i>Clinical Infectious Diseases</i> , 2015, 60, S77-S84.	5.8	151
18	Ecological effect of ceftazidime/avibactam on the normal human intestinal microbiota. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 60-65.	2.5	27

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19	Structures and gene clusters of the closely related O-antigens of Escherichia coli O46 and O134, both containing d-glucuronoyl-d-allothreonine. Carbohydrate Research, 2015, 409, 20-24.	2.3	2
20	Structure elucidation and biosynthesis gene cluster organization of the O-antigen of Escherichia coli O170. Carbohydrate Research, 2015, 417, 11-14.	2.3	5
21	Structural Elucidation of the O-Antigen Polysaccharide from Escherichia coli O181. ChemistryOpen, 2015, 4, 47-55.	1.9	8
22	Structural studies and biosynthetic aspects of the O-antigen polysaccharide from Escherichia coli O42. Carbohydrate Research, 2015, 403, 174-181.	2.3	6
23	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
24	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
25	In vitro activity of MCB3681 against Clostridium difficile strains. Anaerobe, 2014, 28, 216-219.	2.1	31
26	Risk factors of Clostridium difficile infections among patients in a university hospital in Shanghai, China. Anaerobe, 2014, 30, 65-69.	2.1	42
27	Alternative Strategies for Proof-of-Principle Studies of Antibacterial Agents and Chemotherapy, 2014, 58, 4257-4263.	3.2	4
28	Ecological impact of MCB3837 on the normal human microbiota. International Journal of Antimicrobial Agents, 2014, 44, 125-130.	2.5	24
29	Structural studies of the O-antigen polysaccharide from Escherichia coli O115 and biosynthetic aspects thereof. Glycobiology, 2013, 23, 354-362.	2.5	6
30	Facile Structural Elucidation of Glycans Using NMR Spectroscopy Data and the Program CASPER: Application to the O-Antigen Polysaccharide of Escherichia coli O155. ChemPlusChem, 2013, 78, 1327-1329.	2.8	6
31	Structural studies and biosynthetic aspects of the O-antigen polysaccharide from Escherichia coli O174. Carbohydrate Research, 2012, 354, 102-105.	2.3	5
32	Structural studies of the O-antigenic polysaccharide from Escherichia coli O177. Carbohydrate Research, 2011, 346, 2300-2303.	2.3	7
33	Structural elucidation of the O-antigenic polysaccharide from Escherichia coli O175. Carbohydrate Research, 2011, 346, 449-453.	2.3	28
34	Antibiotic resistance patterns of intestinal Escherichia coli isolates from Nicaraguan children. Journal of Medical Microbiology, 2011, 60, 216-222.	1.8	41
35	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
36	Diversity of intestinal Escherichia coli populations in Nicaraguan children with and without diarrhoea. Journal of Medical Microbiology, 2009, 58, 1593-1600.	1.8	7

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37	Structural studies of the O-antigenic polysaccharides from the enteroaggregative <i>Escherichia coli</i> strain 94/D4 and the international type strain <i>Escherichia coli</i> O82. <i>Carbohydrate Research</i> , 2009, 344, 2528-2532.	2.3	5
38	Structural determination of the O-antigenic polysaccharide from <i>Escherichia coli</i> O74. <i>Carbohydrate Research</i> , 2009, 344, 1592-1595.	2.3	17
39	<i>Vibrio cholerae</i> O139 requires neither capsule nor LPS O side chain to grow inside <i>Acanthamoeba castellanii</i> . <i>Journal of Medical Microbiology</i> , 2009, 58, 125-131.	1.8	22
40	Prevalence of diarrhoeagenic <i>Escherichia coli</i> in children from León, Nicaragua. <i>Journal of Medical Microbiology</i> , 2009, 58, 630-637.	1.8	62
41	Structural determination of the O-antigenic polysaccharide from the verocytotoxin-producing <i>Escherichia coli</i> O176. <i>Carbohydrate Research</i> , 2008, 343, 805-809.	2.3	14
42	Structural studies of the O-antigenic polysaccharides from the enteroaggregative <i>Escherichia coli</i> strain 87/D2 and international type strains from <i>E. coli</i> O128. <i>Carbohydrate Research</i> , 2008, 343, 695-702.	2.3	8
43	Enteroaggregative <i>Escherichia coli</i> : epidemiology, virulence and detection. <i>Journal of Medical Microbiology</i> , 2007, 56, 4-8.	1.8	103
44	Structural determination of the O-antigenic polysaccharide from <i>Escherichia coli</i> O166. <i>Carbohydrate Research</i> , 2007, 342, 274-278.	2.3	8
45	The structures of <i>Escherichia coli</i> O-polysaccharide antigens. <i>FEMS Microbiology Reviews</i> , 2006, 30, 382-403.	8.6	346
46	Structural determination of the O-antigenic polysaccharide from the Shiga toxin-producing <i>Escherichia coli</i> O171. <i>Carbohydrate Research</i> , 2006, 341, 1878-1883.	2.3	23
47	Structural studies of the O-antigenic polysaccharides from <i>Shigella dysenteriae</i> type 3 and <i>Escherichia coli</i> O124, a reinvestigation. <i>Carbohydrate Research</i> , 2006, 341, 2986-2989.	2.3	16
48	Structural analysis of the O-antigen polysaccharide from <i>Escherichia coli</i> O152. <i>Carbohydrate Research</i> , 2005, 340, 167-171.	2.3	30
49	Structural studies of the O-antigenic polysaccharides from the enteroaggregative <i>Escherichia coli</i> strain 522/C1 and the international type strain from <i>Escherichia coli</i> O178. <i>Carbohydrate Research</i> , 2005, 340, 2010-2014.	2.3	11
50	Structural elucidation of the O-antigenic polysaccharide from the enteroaggregative <i>Escherichia coli</i> strain 180/C3 and its immunochemical relationship with <i>E. coli</i> O5 and O65. <i>Carbohydrate Research</i> , 2005, 340, 645-650.	2.3	19
51	Structural and immunochemical relationship between the O-antigenic polysaccharides from the enteroaggregative <i>Escherichia coli</i> strain 396/C-1 and <i>Escherichia coli</i> O126. <i>Carbohydrate Research</i> , 2004, 339, 1491-1496.	2.3	26
52	Interaction between <i>Vibrio cholerae</i> and <i>Acanthamoeba castellanii</i> . <i>Microbial Ecology in Health and Disease</i> , 2004, 16, 51-57.	3.5	3
53	NMR analysis of the O-antigen polysaccharide from <i>Escherichia coli</i> strain F171. <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 202-205.	1.9	2
54	Immunology of bacterial polysaccharide antigens. <i>Carbohydrate Research</i> , 2003, 338, 2539-2547.	2.3	269

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55	Structural analysis of the O-antigen polysaccharide from the Shiga toxin-producing <i>Escherichia coli</i> O172. <i>FEBS Journal</i> , 2001, 268, 2239-2245.	0.2	24
56	Structural studies of the O-polysaccharide from the <i>Escherichia coli</i> O77 lipopolysaccharide. <i>Carbohydrate Research</i> , 2001, 333, 179-183.	2.3	15
57	Structural elucidation of the O-antigenic polysaccharides from <i>Escherichia coli</i> O21 and the enteroaggregative <i>Escherichia coli</i> strain 105. <i>FEBS Journal</i> , 1999, 266, 241-245.	0.2	12
58	Structural studies utilizing ¹³ C-enrichment of the O-antigen polysaccharide from the enterotoxigenic <i>Escherichia coli</i> O159 cross-reacting with <i>Shigella dysenteriae</i> type 4. <i>FEBS Journal</i> , 1999, 266, 246-251.	0.2	23
59	Structural studies of the O-antigen polysaccharide from the enteroinvasive <i>Escherichia coli</i> O164 cross-reacting with <i>Shigella dysenteriae</i> type 3. <i>FEBS Journal</i> , 1999, 266, 460-466.	0.2	31
60	Structural studies of the O-antigen polysaccharide from the enteroinvasive <i>Escherichia coli</i> O173. <i>Carbohydrate Research</i> , 1999, 320, 200-208.	2.3	20
61	Structure elucidation of the O-antigenic polysaccharide from the enteroaggregative <i>Escherichia coli</i> strain 62D1. <i>FEBS Journal</i> , 1999, 262, 56-62.	0.2	14
62	Structure determination of the O-antigenic polysaccharide from the enteroinvasive <i>Escherichia coli</i> O136. <i>FEBS Journal</i> , 1999, 263, 656-661.	0.2	21
63	Structural Determination and Biosynthetic Studies of the O-Antigenic Polysaccharide from the Enterohemorrhagic <i>Escherichia coli</i> O91 Using ¹³ C-Enrichment and NMR Spectroscopy. <i>Biochemistry</i> , 1999, 38, 12205-12211.	2.5	23
64	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. <i>Infection and Immunity</i> , 1999, 67, 6181-6186.	2.2	35
65	Structural determination of the O-antigenic polysaccharide from the enterotoxigenic <i>Escherichia coli</i> O147. <i>FEBS Journal</i> , 1998, 251, 534-537.	0.2	13
66	Structural analysis of the O-antigenic polysaccharide from <i>Vibrio mimicus</i> N-1990. <i>FEBS Journal</i> , 1998, 251, 986-990.	0.2	8
67	Structure of the O-antigen of <i>Vibrio cholerae</i> O155 that shares a putative D-galactose 4,6-cyclophosphate-associated epitope with <i>V. cholerae</i> O139 Bengal. <i>FEBS Journal</i> , 1998, 254, 58-62.	0.2	3
68	Structural determination of the O-antigenic polysaccharide from <i>Escherichia coli</i> O141. <i>FEBS Journal</i> , 1998, 254, 168-171.	0.2	2
69	Structural studies of the O-antigenic polysaccharide from <i>Escherichia coli</i> O139. <i>FEBS Journal</i> , 1998, 254, 378-381.	0.2	12
70	Structural determination of the O-antigenic polysaccharide from <i>Escherichia coli</i> O35 and cross-reactivity to <i>Salmonella arizonae</i> O62. <i>FEBS Journal</i> , 1998, 258, 139-143.	0.2	16
71	NMR spectroscopy of ¹³ C-enriched polysaccharides: application of ¹³ C- ¹³ C TOCSY to sugars of different configuration. <i>Magnetic Resonance in Chemistry</i> , 1998, 36, 128-131.	1.9	13
72	Structural Studies on the Short-Chain Lipopolysaccharide of <i>Vibrio Cholerae</i> O139 Bengal. <i>FEBS Journal</i> , 1997, 247, 402-410.	0.2	43

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73	Structural Studies of the O-Antigen Polysaccharide from Escherichia Coli O138. FEBS Journal, 1997, 247, 567-571.	0.2	6
74	Structural Analysis of the O-Antigenic Polysaccharide from the Enteropathogenic Escherichia coli O142. FEBS Journal, 1997, 244, 449-453.	0.2	12
75	Structural Analysis of the O-antigenic Polysaccharide from Vibrio cholerae O10. FEBS Journal, 1997, 249, 758-761.	0.2	4
76	Structure determination of the O-antigenic polysaccharide from the enterotoxigenic Escherichia coli (ETEC) O101. Carbohydrate Research, 1997, 297, 297-299.	2.3	12
77	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
78	Structural Analysis of the O-Antigenic Polysaccharide from the Enteropathogenic Escherichia coli O125. FEBS Journal, 1996, 239, 532-538.	0.2	7
79	Structural studies of the Escherichia coli O26 O-antigen polysaccharide. Carbohydrate Research, 1996, 281, 155-160.	2.3	24
80	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
81	Structural studies of the enteroinvasive Escherichia coli (EIEC) O28 O-antigenic polysaccharide. Carbohydrate Research, 1996, 291, 127-139.	2.3	15
82	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
83	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
84	Structural Elucidation of the O-Antigenic Polysaccharide from Escherichia coli O44: H18. FEBS Journal, 1995, 233, 473-477.	0.2	14
85	Endodontic pathogens in periodontal disease augmentation. Journal of Clinical Periodontology, 1995, 22, 598-602.	4.9	43
86	Structural studies of the Escherichia coli O90 O-antigen polysaccharide. Carbohydrate Research, 1994, 263, 209-215.	2.3	5
87	Structural studies of the enterotoxigenic Escherichia coli (ETEC) O153 O-antigenic polysaccharide. Carbohydrate Research, 1994, 265, 113-120.	2.3	14
88	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
89	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
90	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

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91	Structural studies of the O-antigenic polysaccharide of an enteroaggregative Escherichia coli strain. FEBS Journal, 1993, 213, 859-864.	0.2	12
92	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
93	Preparation of oligosaccharide-polyacrylamide conjugates and their use as antigens in enzyme immunoassay (EIA). Glycoconjugate Journal, 1990, 7, 111-119.	2.7	13
94	Structural characterization of the lipid A component of Bacteroides fragilis strain NCTC 9343 lipopolysaccharide. FEBS Journal, 1989, 183, 425-431.	0.2	151
95	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