Dennis L Kasper

List of Publications by Year
in descending order

177 papers	28,099 citations	8181 76 h-index	5829 161 g-index
185 all docs	185 docs citations	185 times ranked	28376 citing authors

#	Article	IF	Citations
1	Harnessing Colon Chip Technology to Identify Commensal Bacteria That Promote Host Tolerance to Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 638014.	3.9	28
2	Exploring the Gut-Brain Axis for the Control of CNS Inflammatory Demyelination: Immunomodulation by Bacteroides fragilisâ€™ Polysaccharide A. Frontiers in Immunology, 2021, 12, 662807.	4.8	19
3	Host immunomodulatory lipids created by symbionts from dietary amino acids. Nature, 2021, 600, 302-307.	27.8	56
4	Microbiota-targeted maternal antibodies protect neonates from enteric infection. Nature, 2020, 577, 543-548.	27.8	90
5	Microbial bile acid metabolites modulate gut RORÎ³+Âregulatory T cell homeostasis. Nature, 2020, 577, 410-415.	27.8	568
6	Transcriptional and proteomic insights into the host response in fatal COVID-19 cases. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28336-28343.	7.1	149
7	Commensal Microbiota Modulation of Natural Resistance to Virus Infection. Cell, 2020, 183, 1312-1324.e10.	28.9	157
8	Fiber Sets up the Battleground for Intestinal Prevotella. Cell Host and Microbe, 2020, 28, 776-777.	11.0	5
9	An Immunologic Mode of Multigenerational Transmission Governs a Gut Treg Setpoint. Cell, 2020, 181, 1276-1290.e13.	28.9	110
10	When Lab Mice Go Wild, Fungi Are in Play. Cell Host and Microbe, 2020, 27, 687-688.	11.0	1
11	A complex human gut microbiome cultured in an anaerobic intestine-on-a-chip. Nature Biomedical Engineering, 2019, 3, 520-531.	22.5	487
12	Glycoconjugate vaccine using a genetically modified O antigen induces protective antibodies to<i>Francisella tularensis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7062-7070.	7.1	28
13	Surface Structures of Group B Streptococcus Important in Human Immunity. Microbiology Spectrum, 2019, 7, .	3.0	18
14	Symbionts exploit complex signaling to educate the immune system. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26157-26166.	7.1	88
15	Polysaccharide structure dictates mechanism of adaptive immune response to glycoconjugate vaccines. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 193-198.	7.1	77
16	A Phase 2, Randomized, Control Trial of Group B Streptococcus (GBS) Type III Capsular Polysaccharide-tetanus Toxoid (GBS III-TT) Vaccine to Prevent Vaginal Colonization With GBS III. Clinical Infectious Diseases, 2019, 68, 2079-2086.	5.8	36
17	Finding a needle in a haystack: <i>Bacteroides fragilis</i> polysaccharide A as the archetypical symbiosis factor. Annals of the New York Academy of Sciences, 2018, 1417, 116-129.	3.8	47
18	Wild gut microbiota protects from disease. Cell Research, 2018, 28, 135-136.	12.0	8

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19	Mining the Human Gut Microbiota for Immunomodulatory Organisms. Cell, 2017, 168, 928-943.e11.	28.9	554
20	An Intestinal Organ Culture System Uncovers a Role for the Nervous System in Microbe-Immune Crosstalk. Cell, 2017, 168, 1135-1148.e12.	28.9	182
21	Building conventions for unconventional lymphocytes. Immunological Reviews, 2017, 279, 52-62.	6.0	17
22	Illuminating vital surface molecules of symbionts in health and disease. Nature Microbiology, 2017, 2, 17099.	13.3	86
23	The symbiotic bacterial surface factor polysaccharide A on Bacteroides fragilis inhibits IL-1Î²-induced inflammation in human fetal enterocytes via toll receptors 2 and 4. PLoS ONE, 2017, 12, e0172738.	2.5	55
24	Type I interferon signaling restrains IL-10R+ colonic macrophages and dendritic cells and leads to more severe Salmonella colitis. PLoS ONE, 2017, 12, e0188600.	2.5	6
25	Moving beyond microbiome-wide associations to causal microbe identification. Nature, 2017, 552, 244-247.	27.8	220
26	Early Interactions of Murine Macrophages with Francisella tularensis Map to Mouse Chromosome 19. MBio, 2016, 7, e02243.	4.1	6
27	How colonization by microbiota in early life shapes the immune system. Science, 2016, 352, 539-544.	12.6	1,378
28	Identifying species of symbiont bacteria from the human gut that, alone, can induce intestinal Th17 cells in mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8141-E8150.	7.1	331
29	Veggies and Intact Grains a Day Keep the Pathogens Away. Cell, 2016, 167, 1161-1162.	28.9	7
30	A branched-chain amino acid metabolite drives vascular fatty acid transport and causes insulin resistance. Nature Medicine, 2016, 22, 421-426.	30.7	421
31	A commensal symbiotic factor derived from<i>Bacteroides fragilis</i>promotes human CD39⁺Foxp3⁺T cells and T_{reg}function. Gut Microbes, 2015, 6, 234-242.	9.8	188
32	Individual intestinal symbionts induce a distinct population of RORÎ³ ⁺ regulatory T cells. Science, 2015, 349, 993-997.	12.6	707
33	In vivo imaging and tracking of hostâ€“microbiota interactions via metabolic labeling of gut anaerobic bacteria. Nature Medicine, 2015, 21, 1091-1100.	30.7	178
34	Gut Commensal Immunomodulatory Factors: Identification and Structureâ€"Function Studies. FASEB Journal, 2015, 29, LB170.	0.5	0
35	Sphingolipids of Commensals Modulate Host Immunity through Regulation of iNKT Cells. FASEB Journal, 2015, 29, 235.3.	0.5	0
36	A commensal bacterial product elicits and modulates migratory capacity of CD39⁺CD4 T regulatory subsets in the suppression of neuroinflammation. Gut Microbes, 2014, 5, 552-561.	9.8	104

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37	Interactions between the intestinal microbiota and innate lymphoid cells. Gut Microbes, 2014, 5, 129-140.	9.8	22
38	Sphingolipids from a Symbiotic Microbe Regulate Homeostasis of Host Intestinal Natural Killer T Cells. Cell, 2014, 156, 123-133.	28.9	491
39	Masquerading microbial pathogens: capsular polysaccharides mimic host-tissue molecules. FEMS Microbiology Reviews, 2014, 38, 660-697.	8.6	191
40	An intestinal commensal symbiosis factor controls neuroinflammation via TLR2-mediated CD39 signalling. Nature Communications, 2014, 5, 4432.	12.8	167
41	Plasmacytoid Dendritic Cells Mediate Anti-inflammatory Responses to a Gut Commensal Molecule via Both Innate and Adaptive Mechanisms. Cell Host and Microbe, 2014, 15, 413-423.	11.0	239
42	Deciphering the tÃªte-Ã-tÃªte between the microbiota and the immune system. Journal of Clinical Investigation, 2014, 124, 4197-203.	8.2	89
43	The atypical lipopolysaccharide ofFrancisella. Carbohydrate Research, 2013, 378, 79-83.	2.3	35
44	Testosterone: More Than Having the Guts to Win the Tour de France. Immunity, 2013, 39, 208-210.	14.3	17
45	Carbohydrates and T cells: A sweet twosome. Seminars in Immunology, 2013, 25, 146-151.	5.6	86
46	Resident commensals shaping immunity. Current Opinion in Immunology, 2013, 25, 450-455.	5.5	59
47	Traffic control at the â€œGut-GALT crossroadsâ€. Cell Research, 2013, 23, 590-591.	12.0	5
48	Kdo Hydrolase Is Required for Francisella tularensis Virulence and Evasion of TLR2-Mediated Innate Immunity. MBio, 2013, 4, e00638-12.	4.1	25
49	Relevance of Commensal Microbiota in the Treatment and Prevention of Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2013, 19, 2478-2489.	1.9	19
50	Role of Murine Intestinal Interleukin-1 Receptor 1-Expressing Lymphoid Tissue Inducer-Like Cells in Salmonella Infection. PLoS ONE, 2013, 8, e65405.	2.5	16
51	Genetic Modification of the O-Polysaccharide of Francisella tularensis Results in an Avirulent Live Attenuated Vaccine. Journal of Infectious Diseases, 2012, 205, 1056-1065.	4.0	31
52	Gut Immune Maturation Depends on Colonization with a Host-Specific Microbiota. Cell, 2012, 149, 1578-1593.	28.9	1,050
53	Isolation of carbohydrate-specific CD4+ T cell clones from mice after stimulation by two model glycoconjugate vaccines. Nature Protocols, 2012, 7, 2180-2192.	12.0	38
54	Microbial Exposure During Early Life Has Persistent Effects on Natural Killer T Cell Function. Science, 2012, 336, 489-493.	12.6	1,411

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55	The <i>yin yang</i> of bacterial polysaccharides: lessons learned from <i>B. fragilis</i> PSA. Immunological Reviews, 2012, 245, 13-26.	6.0	124
56	Sensitivity of Francisella tularensis to ultrapure water and deoxycholate: Implications for bacterial intracellular growth assay in macrophages. Journal of Microbiological Methods, 2011, 85, 230-232.	1.6	7
57	The Starting Lineup: Key Microbial Players in Intestinal Immunity and Homeostasis. Frontiers in Microbiology, 2011, 2, 148.	3.5	59
58	Regulation of T cells by gut commensal microbiota. Current Opinion in Rheumatology, 2011, 23, 372-376.	4.3	25
59	Characterization of the APC presenting a microbial polysaccharide to regulatory T cells. Inflammatory Bowel Diseases, 2011, 17, S11-S12.	1.9	0
60	A mechanism for glycoconjugate vaccine activation of the adaptive immune system and its implications for vaccine design. Nature Medicine, 2011, 17, 1602-1609.	30.7	295
61	Systemic toll-like receptor ligands modify B-cell responses in human inflammatory bowel disease. Inflammatory Bowel Diseases, 2011, 17, 298-307.	1.9	50
62	Bacteroides fragilisâ€“Stimulated Interleukin-10 Contains Expanding Disease. Journal of Infectious Diseases, 2011, 204, 363-371.	4.0	39
63	Oxidative depolymerization of polysaccharides by reactive oxygen/nitrogen species. Glycobiology, 2011, 21, 401-409.	2.5	207
64	How Bacterial Carbohydrates Influence the Adaptive Immune System. Annual Review of Immunology, 2010, 28, 107-130.	21.8	203
65	Beneficial effects of Bacteroides fragilis polysaccharides on the immune system. Frontiers in Bioscience - Landmark, 2010, 15, 25.	3.0	241
66	Characterization of the O-antigen Polymerase (Wzy) of Francisella tularensis. Journal of Biological Chemistry, 2010, 285, 27839-27849.	3.4	35
67	Novel Tools for Modulating Immune Responses in the Hostâ€"Polysaccharides from the Capsule of Commensal Bacteria. Advances in Immunology, 2010, 106, 61-91.	2.2	13
68	3-Deoxy-d-manno-octulosonic Acid (Kdo) Hydrolase Identified in Francisella tularensis, Helicobacter pylori, and Legionella pneumophila. Journal of Biological Chemistry, 2010, 285, 34330-34336.	3.4	19
69	Orientations of the<i>Bacteroides fragilis</i>Capsular Polysaccharide Biosynthesis Locus Promoters during Symbiosis and Infection. Journal of Bacteriology, 2010, 192, 5832-5836.	2.2	20
70	Microbial Colonization Drives Expansion of IL-1 Receptor 1-Expressing and IL-17-Producing Î³/Î´ T Cells. Cell Host and Microbe, 2010, 7, 140-150.	11.0	190
71	Central Nervous System Demyelinating Disease Protection by the Human Commensal <i>Bacteroides fragilis</i> Depends on Polysaccharide A Expression. Journal of Immunology, 2010, 185, 4101-4108.	0.8	340
72	A Paradigm for Commensalism: The Role of a Specific Microbial Polysaccharide in Health and Disease. Nestle Nutrition Workshop Series Paediatric Programme, 2009, 64, 1-10.	1.5	1

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73	Small Molecule Control of Virulence Gene Expression in Francisella tularensis. PLoS Pathogens, 2009, 5, e1000641.	4.7	84
74	Deficiency of mannose-binding lectin greatly increases antibody response in a mouse model of vaccination. Clinical Immunology, 2009, 130, 264-271.	3.2	27
75	Type I <i>Streptococcus pneumoniae</i> carbohydrate utilizes a nitric oxide and MHCâ€ƒIIâ€dependent pathway for antigen presentation. Immunology, 2009, 127, 73-82.	4.4	63
76	Cellular and humoral immunity are synergistic in protection against types A and B Francisella tularensis. Vaccine, 2009, 27, 597-605.	3.8	35
77	A microbial symbiosis factor prevents intestinal inflammatory disease. Nature, 2008, 453, 620-625.	27.8	2,094
78	TLR-Independent Type I Interferon Induction in Response to an Extracellular Bacterial PathogenÂvia Intracellular Recognition of Its DNA. Cell Host and Microbe, 2008, 4, 543-554.	11.0	118
79	Regulation of surface architecture by symbiotic bacteria mediates host colonization. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3951-3956.	7.1	101
80	IFN-Î³ Regulated Chemokine Production Determines the Outcome of <i>Staphylococcus aureus</i> Infection. Journal of Immunology, 2008, 181, 1323-1332.	0.8	97
81	Characteristics of carbohydrate antigen binding to the presentation protein HLA-DR. Glycobiology, 2008, 18, 707-718.	2.5	57
82	Rational chemical design of the carbohydrate in a glycoconjugate vaccine enhances IgM-to-IgG switching. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5903-5908.	7.1	37
83	Microbial carbohydrate depolymerization by antigen-presenting cells: Deamination prior to presentation by the MHCII pathway. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5183-5188.	7.1	73
84	Symbiotic commensal bacteria direct maturation of the host immune system. Current Opinion in Gastroenterology, 2008, 24, 720-724.	2.3	35
85	Induction of T helper 1â€like regulatory are induced by Capsular polysaccharide A (PSA) of Bacteroides fragilis through IFNâ€ɣ and Foxp3. FASEB Journal, 2008, 22, 501-501.	0.5	0
86	A Defined O-Antigen Polysaccharide Mutant of<i>Francisella tularensis</i>Live Vaccine Strain Has Attenuated Virulence while Retaining Its Protective Capacity. Infection and Immunity, 2007, 75, 2591-2602.	2.2	67
87	Group A Streptococcus Epidemiology and Vaccine Implications. Clinical Infectious Diseases, 2007, 45, 863-865.	5.8	39
88	Bacterial Glycans: Key Mediators of Diverse Host Immune Responses. Cell, 2006, 126, 847-850.	28.9	183
89	A Mechanism for Neurodegeneration Induced by Group B Streptococci through Activation of the TLR2/MyD88 Pathway in Microglia. Journal of Immunology, 2006, 177, 583-592.	0.8	151
90	The loveâ€“hate relationship between bacterial polysaccharides and the host immune system. Nature Reviews Immunology, 2006, 6, 849-858.	22.7	297

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91	A bacterial carbohydrate links innate and adaptive responses through Toll-like receptor 2. Journal of Experimental Medicine, 2006, 203, 2853-2863.	8.5	245
92	Zwitterionic capsular polysaccharides: the new MHCII-dependent antigens. Cellular Microbiology, 2005, 7, 1398-1403.	2.1	82
93	Coming of age: carbohydrates and immunity. European Journal of Immunology, 2005, 35, 352-356.	2.9	94
94	Regulation of Virulence by a Two-Component System in Group B Streptococcus. Journal of Bacteriology, 2005, 187, 1105-1113.	2.2	122
95	Modulation of surgical fibrosis by microbial zwitterionic polysaccharides. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16753-16758.	7.1	42
96	Role of Lipoteichoic Acid in the Phagocyte Response to Group B<i>Streptococcus</i>. Journal of Immunology, 2005, 174, 6449-6455.	0.8	125
97	Effect of B7-2 and CD40 Signals from Activated Antigen-Presenting Cells on the Ability of Zwitterionic Polysaccharides To Induce T-Cell Stimulation. Infection and Immunity, 2005, 73, 2184-2189.	2.2	34
98	Genome analysis of multiple pathogenic isolates of Streptococcus agalactiae: Implications for the microbial "pan-genome". Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13950-13955.	7.1	2,161
99	Structural and Genetic Diversity of Group B Streptococcus Capsular Polysaccharides. Infection and Immunity, 2005, 73, 3096-3103.	2.2	197
100	Identification of a Universal Group B Streptococcus Vaccine by Multiple Genome Screen. Science, 2005, 309, 148-150.	12.6	497
101	An Immunomodulatory Molecule of Symbiotic Bacteria Directs Maturation of the Host Immune System. Cell, 2005, 122, 107-118.	28.9	2,427
102	Case 25-2005. New England Journal of Medicine, 2005, 353, 713-722.	27.0	38
103	Anchors away: contribution of a glycolipid anchor to bacterial invasion of host cells. Journal of Clinical Investigation, 2005, 115, 2325-2327.	8.2	3
104	Zwitterionic Polysaccharides Stimulate T Cells with No Preferential VÎ² Usage and Promote Anergy, Resulting in Protection against Experimental Abscess Formation. Journal of Immunology, 2004, 172, 1483-1490.	0.8	53
105	Polysaccharide Processing and Presentation by the MHCII Pathway. Cell, 2004, 117, 677-687.	28.9	313
106	Biological chemistry of immunomodulation by zwitterionic polysaccharides. Carbohydrate Research, 2003, 338, 2531-2538.	2.3	46
107	Glycoconjugate vaccines to prevent group B streptococcal infections. Expert Opinion on Biological Therapy, 2003, 3, 975-984.	3.1	40
108	CD4+ T Cells Mediate Abscess Formation in Intra-abdominal Sepsis by an IL-17-Dependent Mechanism. Journal of Immunology, 2003, 170, 1958-1963.	0.8	216

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109	Impaired Antibody Response to Group B Streptococcal Type III Capsular Polysaccharide in C3- and Complement Receptor 2-Deficient Mice. Journal of Immunology, 2003, 170, 84-90.	0.8	79
110	Zwitterionic Polysaccharides Stimulate T Cells by MHC Class II-Dependent Interactions. Journal of Immunology, 2002, 169, 6149-6153.	0.8	140
111	Cellular Activation, Phagocytosis, and Bactericidal Activity Against Group B Streptococcus Involve Parallel Myeloid Differentiation Factor 88-Dependent and Independent Signaling Pathways. Journal of Immunology, 2002, 169, 3970-3977.	0.8	130
112	Type III Group B Streptococcal Polysaccharide Induces Antibodies That Cross-React with Streptococcus pneumoniae Type 14. Infection and Immunity, 2002, 70, 1724-1738.	2.2	38
113	CD4+ T Cells Regulate Surgical and Postinfectious Adhesion Formation. Journal of Experimental Medicine, 2002, 195, 1471-1478.	8.5	87
114	Complete genome sequence and comparative genomic analysis of an emerging human pathogen, serotype V<i>Streptococcus agalactiae</i>. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12391-12396.	7.1	447
115	Role of T cells in abscess formation. Current Opinion in Microbiology, 2002, 5, 92-96.	5.1	33
116	Harrison's Online Updates. Hospital Practice (1995), 2001, 36, 30-30.	1.0	0
117	Extensive surface diversity of a commensal microorganism by multiple DNA inversions. Nature, 2001, 414, 555-558.	27.8	311
118	Novel Engagement of CD14 and Multiple Toll-Like Receptors by Group B Streptococci. Journal of Immunology, 2001, 167, 7069-7076.	0.8	135
119	Polysaccharide Biosynthesis Locus Required for Virulence of Bacteroides fragilis. Infection and Immunity, 2001, 69, 4342-4350.	2.2	86
120	Functional Analysis in Type Ia Group B Streptococcusof a Cluster of Genes Involved in Extracellular Polysaccharide Production by Diverse Species of Streptococci. Journal of Biological Chemistry, 2001, 276, 139-146.	3.4	140
121	Immunochemical and Biological Characterization of Three Capsular Polysaccharides from a Single Bacteroides fragilisStrain. Infection and Immunity, 2001, 69, 2339-2344.	2.2	27
122	Characterization of the Linkage between the Type III Capsular Polysaccharide and the Bacterial Cell Wall of Group BStreptococcus. Journal of Biological Chemistry, 2000, 275, 7497-7504.	3.4	86
123	Bacteroides fragilis NCTC9343 Produces at Least Three Distinct Capsular Polysaccharides: Cloning, Characterization, and Reassignment of Polysaccharide B and C Biosynthesis Loci. Infection and Immunity, 2000, 68, 6176-6181.	2.2	48
124	In Whose Best Interest? Breaching the Academicâ€“Industrial Wall. New England Journal of Medicine, 2000, 343, 1646-1649.	27.0	88
125	Effect of Molecular Size on the Ability of Zwitterionic Polysaccharides to Stimulate Cellular Immunity. Journal of Immunology, 2000, 164, 719-724.	0.8	55
126	T Cells Activated by Zwitterionic Molecules Prevent Abscesses Induced by Pathogenic Bacteria. Journal of Biological Chemistry, 2000, 275, 6733-6740.	3.4	101

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127	Bacteroides fragilis NCTC9343 Produces at Least Three Distinct Capsular Polysaccharides: Cloning, Characterization, and Reassignment of Polysaccharide B and C Biosynthesis Loci. Infection and Immunity, 2000, 68, 6176-6181.	2.2	6
128	Genetic Diversity of the Capsular Polysaccharide C Biosynthesis Region of Bacteroides fragilis. Infection and Immunity, 2000, 68, 6182-6188.	2.2	4
129	Synthesis and Preclinical Evaluation of Glycoconjugate Vaccines against Group BStreptococcusTypes VI and VIII. Journal of Infectious Diseases, 1999, 180, 892-895.	4.0	37
130	Safety and Immunogenicity of Capsular Polysaccharideâ€"Tetanus Toxoid Conjugate Vaccines for Group B Streptococcal Types Ia and Ib. Journal of Infectious Diseases, 1999, 179, 142-150.	4.0	173
131	Structure of an antigenic teichoic acid shared by clinical isolates of Enterococcus faecalis and vancomycin-resistant Enterococcus faecium. Carbohydrate Research, 1999, 316, 155-160.	2.3	32
132	Ozonolytic depolymerization of polysaccharides in aqueous solution. Carbohydrate Research, 1999, 319, 141-147.	2.3	63
133	Cognate Stimulatory B-Cellâ€"T-Cell Interactions Are Critical for T-Cell Help Recruited by Glycoconjugate Vaccines. Infection and Immunity, 1999, 67, 6375-6384.	2.2	90
134	Isolation and Chemical Characterization of a Capsular Polysaccharide Antigen Shared by Clinical Isolates of <i>Enterococcus faecalis</i> and Vancomycin-Resistant <i>Enterococcus faecium</i>. Infection and Immunity, 1999, 67, 1213-1219.	2.2	127
135	Alpha C Protein as a Carrier for Type III Capsular Polysaccharide and as a Protective Protein in Group B Streptococcal Vaccines. Infection and Immunity, 1999, 67, 2491-2496.	2.2	50
136	Analysis of a Capsular Polysaccharide Biosynthesis Locus of<i>Bacteroides fragilis</i>. Infection and Immunity, 1999, 67, 3525-3532.	2.2	49
137	Measurement of Human Antibodies to Type III Group B <i>Streptococcus</i> . Infection and Immunity, 1999, 67, 4303-4305.	2.2	14
138	Interstrain Variation of the Polysaccharide B Biosynthesis Locus of Bacteroides fragilis : Characterization of the Region from Strain 638R. Journal of Bacteriology, 1999, 181, 6192-6196.	2.2	16
139	Immunologic Memory Induced by a Glycoconjugate Vaccine in a Murine Adoptive Lymphocyte Transfer Model. Infection and Immunity, 1998, 66, 2026-2032.	2.2	57
140	Structural Properties of Group B Streptococcal Type III Polysaccharide Conjugate Vaccines That Influence Immunogenicity and Efficacy. Infection and Immunity, 1998, 66, 2186-2192.	2.2	66
141	NMR and Molecular Dynamics Studies of the Conformational Epitope of the Type III Group BStreptococcusCapsular Polysaccharide and Derivativesâ€. Biochemistry, 1997, 36, 3278-3292.	2.5	107
142	Structural and Immunochemical Characterization of the Type VIII Group B Streptococcus Capsular Polysaccharide. Journal of Biological Chemistry, 1996, 271, 8786-8790.	3.4	80
143	HARRISONÊ¼S PRINCIPLES OF INTERNAL MEDICINE, 13TH EDITION. Shock, 1996, 5, 78.	2.1	9
144	Structural elucidation of the capsular polysaccharide of Bacteroides fragilis strain 23745M1. Carbohydrate Research, 1995, 275, 333-341.	2.3	6

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145	Structural elucidation of the novel type VII group B Streptococcus capsular polysaccharide by high resolution NMR spectroscopy. Carbohydrate Research, 1995, 277, 1-9.	2.3	53
146	Structure of the Type VI Group BStreptococcusCapsular Polysaccharide Determined by High Resolution NMR Spectroscopy. Journal of Carbohydrate Chemistry, 1994, 13, 1071-1078.	1.1	27
147	The Changing Spectrum of Group B Streptococcal Disease. New England Journal of Medicine, 1993, 328, 1843-1844.	27.0	55
148	Group B Streptococcus Type III Glycoconjugate Vaccines.. Trends in Glycoscience and Glycotechnology, 1992, 4, 269-278.	0.1	5
149	Response to Type III Polysaccharide in Women Whose Infants Have Had Invasive Group B Streptococcal Infection. New England Journal of Medicine, 1990, 322, 1857-1860.	27.0	36
150	Edward H. Kass, 1917â€“1990. Annals of Epidemiology, 1990, 1, 93-94.	1.9	0
151	Structure of the capsular polysaccharide antigen of type IV group B Streptococcus. Canadian Journal of Chemistry, 1989, 67, 877-882.	1.1	31
152	Immunization of Pregnant Women with a Polysaccharide Vaccine of Group B Streptococcus. New England Journal of Medicine, 1988, 319, 1180-1185.	27.0	312
153	A Novel Approach to N-Acetyl-neuraminic Acid-Containing Oligosaccharides. Synthesis of a Glycosyl Donor Derivative of Î±-<u>N</u>-Acetyl-D-neuraminyl- (2-6) -D-galactose. Journal of Carbohydrate Chemistry, 1987, 6, 41-55.	1.1	15
154	4,8-Anhydro-N-acetylneuraminic acid. Isolation from edible bird's nest and structure determination. FEBS Journal, 1987, 162, 445-450.	0.2	36
155	Isolation of a C (Ibc) protein from group B Streptococcus which elicits mouse protective antibody. Microbial Pathogenesis, 1986, 1, 191-204.	2.9	24
156	Immunity to group B Streptococcus. Clinical Immunology Newsletter, 1986, 7, 27-31.	0.1	1
157	Effect of Subinhibitory Doses of Clindamycin on the Virulence of Bacteroides fragilis: Role of Lipopolysaccharide. Journal of Infectious Diseases, 1986, 154, 40-46.	4.0	15
158	Case 4-1986. New England Journal of Medicine, 1986, 314, 302-309.	27.0	6
159	Characterization of Bacteroides fragilis Strains Based on Antigen-Specific Immunofluorescence. Journal of Infectious Diseases, 1983, 147, 780-780.	4.0	20
160	Antibody to type III group B Streptococcus in the rhesus monkey. American Journal of Obstetrics and Gynecology, 1983, 146, 958-962.	1.3	15
161	Antibody-Independent Activation of C1 by Type Ia Group B Streptococci. Journal of Infectious Diseases, 1982, 146, 665-672.	4.0	36
162	Evidence for T Cell-dependent Immunity to Bacteroides fragilis in an Intraabdominal Abscess Model. Journal of Clinical Investigation, 1982, 69, 9-16.	8.2	93

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163	Antibody-independent Classical Pathway-mediated Opsonophagocytosis of Type Ia, Group B Streptococcus. Journal of Clinical Investigation, 1982, 69, 394-404.	8.2	65
164	Characterization of Serum Resistance of Neisseria gonorrhoeae that Disseminate. Journal of Clinical Investigation, 1982, 70, 157-167.	8.2	85
165	Lack of stimulation of isohemagglutinin antibodies byimmunization with group B streptococcal (Type) Tj ETQq1 1 0.784314 rgBT /Overl	1.8	2
166	Structure and Conformation of the Capsular Polysaccharides of Group B Streptococcus. ACS Symposium Series, 1981, , 161-172.	0.5	0
167	The natural history of group B streptococcal colonization in the pregnant woman and her offspring. American Journal of Obstetrics and Gynecology, 1980, 137, 39-42.	1.3	63
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