Mikael Skurnik

List of Publications by Year
in descending order

210 papers	10,530 citations	30070 54 h-index	43889 91 g-index
221 all docs	221 docs citations	221 times ranked	7885 citing authors

#	Article	IF	Citations
1	Phage Therapy of Mycobacterium Infections: Compassionate Use of Phages in 20 Patients With Drug-Resistant Mycobacterial Disease. Clinical Infectious Diseases, 2023, 76, 103-112.	5.8	109
2	Editorial of Viruses Special Issue on Phageâ€“Host Interactions 2021. Viruses, 2022, 14, 236.	3.3	1
3	ÏŧYeO3-12 phage tail fiber Gp17 as a promising high specific tool for recognition of Yersinia enterocolitica pathogenic serotype O:3. AMB Express, 2022, 12, 1.	3.0	9
4	PgtE Enzyme of Salmonella enterica Shares the Similar Biological Roles to Plasminogen Activator (Pla) in Interacting With DEC-205 (CD205), and Enhancing Host Dissemination and Infectivity by Yersinia pestis. Frontiers in Immunology, 2022, 13, 791799.	4.8	0
5	The DNA polymerase of bacteriophage YerA41 replicates its T-modified DNA in a primer-independent manner. Nucleic Acids Research, 2022, , .	14.5	2
6	Biological and molecular characterization of fEg-Eco19, a lytic bacteriophage active against an antibiotic-resistant clinical Escherichia coli isolate. Archives of Virology, 2022, 167, 1333-1341.	2.1	3
7	Can Bacteriophages Replace Antibiotics?. Antibiotics, 2022, 11, 575.	3.7	4
8	Phage-based target discovery and its exploitation towards novel antibacterial molecules. Current Opinion in Biotechnology, 2021, 68, 1-7.	6.6	19
9	T4-like Bacteriophages Isolated from Pig Stools Infect Yersinia pseudotuberculosis and Yersinia pestis Using LPS and OmpF as Receptors. Viruses, 2021, 13, 296.	3.3	18
10	Isolation and Characterization of Klebsiella Phages for Phage Therapy. Phage, 2021, 2, 26-42.	1.7	36
11	Screening of Bacteriophage Encoded Toxic Proteins with a Next Generation Sequencing-Based Assay. Viruses, 2021, 13, 750.	3.3	3
12	Viruses with U-DNA: New Avenues for Biotechnology. Viruses, 2021, 13, 875.	3.3	2
13	Bacteriophages fEV-1 and fD1 Infect Yersinia pestis. Viruses, 2021, 13, 1384.	3.3	6
14	Phage Treatment Trial to Eradicate LA-MRSA from Healthy Carrier Pigs. Viruses, 2021, 13, 1888.	3.3	5
15	BtuB-Dependent Infection of the T5-like Yersinia Phage Ï•R2-01. Viruses, 2021, 13, 2171.	3.3	2
16	Birds Kept in the German Zoo â€œTierpark Berlinâ€•Are a Common Source for Polyvalent Yersinia pseudotuberculosis Phages. Frontiers in Microbiology, 2021, 12, 634289.	3.5	2
17	The Role of Yersinia enterocolitica O:3 Lipopolysaccharide in Collagen-Induced Arthritis. Journal of Immunology Research, 2020, 2020, 1-12.	2.2	3
18	Discovery of Three Toxic Proteins of Klebsiella Phage fHe-Kpn01. Viruses, 2020, 12, 544.	3.3	7

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19	Identification and Functional Analysis of Temperate Siphoviridae Bacteriophages of Acinetobacter baumannii. Viruses, 2020, 12, 604.	3.3	15
20	YerA41, a Yersinia ruckeri Bacteriophage: Determination of a Non-Sequencable DNA Bacteriophage Genome via RNA-Sequencing. Viruses, 2020, 12, 620.	3.3	7
21	The Podovirus Ï•80-18 Targets the Pathogenic American Biotype 1B Strains of Yersinia enterocolitica. Frontiers in Microbiology, 2020, 11, 1356.	3.5	4
22	Invasiveness of the Yersinia pestis ail protein contributes to host dissemination in pneumonic and oral plague. Microbial Pathogenesis, 2020, 141, 103993.	2.9	6
23	Bioprospecting Staphylococcus Phages with Therapeutic and Bio-Control Potential. Viruses, 2020, 12, 133.	3.3	19
24	Role of DEAD-box RNA helicase genes in the growth of Yersinia pseudotuberculosis IP32953 under cold, pH, osmotic, ethanol and oxidative stresses. PLoS ONE, 2019, 14, e0219422.	2.5	6
25	The Removal of Endo- and Enterotoxins From Bacteriophage Preparations. Frontiers in Microbiology, 2019, 10, 1674.	3.5	55
26	Characterization of vB_ApiM_fHyAci03, a novel lytic bacteriophage that infects clinical Acinetobacter strains. Archives of Virology, 2019, 164, 2197-2199.	2.1	7
27	Genomic characterization of four novel Staphylococcus myoviruses. Archives of Virology, 2019, 164, 2171-2173.	2.1	9
28	Salmonella enterica Serovar Typhimurium Interacts with CD209 Receptors To Promote Host Dissemination and Infection. Infection and Immunity, 2019, 87, .	2.2	13
29	Deciphering the Antibacterial Mode of Action of Alpha-Mangostin on Staphylococcus epidermidis RP62A Through an Integrated Transcriptomic and Proteomic Approach. Frontiers in Microbiology, 2019, 10, 150.	3.5	38
30	Yersinia pestis Interacts With SIGNR1 (CD209b) for Promoting Host Dissemination and Infection. Frontiers in Immunology, 2019, 10, 96.	4.8	23
31	A Toxicity Screening Approach to Identify Bacteriophage-Encoded Anti-Microbial Proteins. Viruses, 2019, 11, 1057.	3.3	11
32	Yersinia Phages and Food Safety. Viruses, 2019, 11, 1105.	3.3	31
33	Yersinia pseudotuberculosis Exploits CD209 Receptors for Promoting Host Dissemination and Infection. Infection and Immunity, 2019, 87, .	2.2	19
34	Complete Genome Sequences of Two Klebsiella pneumoniae Phages Isolated as Part of an International Effort. Microbiology Resource Announcements, 2019, 8, .	0.6	9
35	Bacteriophages reduce Yersinia enterocolitica contamination of food and kitchenware. International Journal of Food Microbiology, 2018, 271, 33-47.	4.7	32
36	The relationship between phylogenetic classification, virulence and antibiotic resistance of extraintestinal pathogenic Escherichia coli in Ä°zmir province, Turkey. PeerJ, 2018, 6, e5470.	2.0	33

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37	Complete Genome Sequences of Two Escherichia Phages Isolated from Wastewater in Finland. Genome Announcements, 2018, 6, .	0.8	5
38	Genomic Characterization of Sixteen Yersinia enterocolitica-Infecting Podoviruses of Pig Origin. Viruses, 2018, 10, 174.	3.3	31
39	Identifying components required for OMP biogenesis as novel targets for antiinfective drugs. Virulence, 2017, 8, 1170-1188.	4.4	26
40	Screening of the two-component-system histidine kinases of Listeria monocytogenes EGD-e. LiaS is needed for growth under heat, acid, alkali, osmotic, ethanol and oxidative stresses. Food Microbiology, 2017, 65, 36-43.	4.2	28
41	Lectin pathway factors in patients suffering from juvenile idiopathic arthritis. Immunology and Cell Biology, 2017, 95, 666-675.	2.3	10
42	Endogenous hepcidin and its agonist mediate resistance to selected infections by clearing nonâ€“transferrin-bound iron. Blood, 2017, 130, 245-257.	1.4	105
43	Several Hfqâ€dependent alterations in physiology of Yersinia enterocolitica O:3 are mediated by derepression of the transcriptional regulator RovM. Molecular Microbiology, 2017, 103, 1065-1091.	2.5	4
44	A minireview on the in vitro and in vivo experiments with anti- Escherichia coli O157:H7 phages as potential biocontrol and phage therapy agents. International Journal of Food Microbiology, 2017, 243, 52-57.	4.7	37
45	Stand-Alone EAL Domain Proteins Form a Distinct Subclass of EAL Proteins Involved in Regulation of Cell Motility and Biofilm Formation in Enterobacteria. Journal of Bacteriology, 2017, 199, .	2.2	36
46	Characterization of vB_SauM-fRuSau02, a Twort-Like Bacteriophage Isolated from a Therapeutic Phage Cocktail. Viruses, 2017, 9, 258.	3.3	51
47	Pili-like proteins of Akkermansia muciniphila modulate host immune responses and gut barrier function. PLoS ONE, 2017, 12, e0173004.	2.5	340
48	Phylogeographic separation and formation of sexually discrete lineages in a global population of Yersinia pseudotuberculosis. Microbial Genomics, 2017, 3, e000133.	2.0	17
49	LuxCDE-luxAB-based promoter reporter system to monitor the Yersinia enterocolitica O:3 gene expression in vivo. PLoS ONE, 2017, 12, e0172877.	2.5	6
50	RNA-Sequencing Reveals the Progression of Phage-Host Interactions between Ï†R1-37 and Yersinia enterocolitica. Viruses, 2016, 8, 111.	3.3	72
51	Yersinia enterocolitica-Specific Infection by Bacteriophages TG1 and Ï•R1-RT Is Dependent on Temperature-Regulated Expression of the Phage Host Receptor OmpF. Applied and Environmental Microbiology, 2016, 82, 5340-5353.	3.1	44
52	Serotype O:8 isolates in the Yersinia pseudotuberculosis complex have different O-antigen gene clusters and produce various forms of rough LPS. Innate Immunity, 2016, 22, 205-217.	2.4	4
53	Bacteriophages of Yersinia pestis. Advances in Experimental Medicine and Biology, 2016, 918, 361-375.	1.6	18
54	Yersinia adhesins: An arsenal for infection. Proteomics - Clinical Applications, 2016, 10, 949-963.	1.6	49

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55	Primary Amine Oxidase of Escherichia coli Is a Metabolic Enzyme that Can Use a Human Leukocyte Molecule as a Substrate. PLoS ONE, 2015, 10, e0142367.	2.5	18
56	Expression of the Yersinia enterocolitica O:3 LPS O-antigen and outer core gene clusters is RfaH-dependent. Microbiology (United Kingdom), 2015, 161, 1282-1294.	1.8	13
57	Effect of waaL ligase gene deletion on motility and stress adaptation reactions of Y. enterocolitica 6471/76. Cytology and Genetics, 2015, 49, 358-363.	0.5	1
58	Isolation and characterization ofYersinia-specific bacteriophages from pig stools in Finland. Journal of Applied Microbiology, 2015, 118, 599-608.	3.1	16
59	Quality and Safety Requirements for Sustainable Phage Therapy Products. Pharmaceutical Research, 2015, 32, 2173-2179.	3.5	176
60	Absence of YbeY RNase compromises the growth and enhances the virulence plasmid gene expression of Yersinia enterocolitica O:3. Microbiology (United Kingdom), 2015, 161, 285-299.	1.8	33
61	Generation of a <scp>CRISPR</scp> database for <scp>Y</scp>ersinia pseudotuberculosis complex and role of <scp>CRISPR</scp>â€based immunity in conjugation. Environmental Microbiology, 2015, 17, 4306-4321.	3.8	24
62	Human Microbiome: When a Friend Becomes an Enemy. Archivum Immunologiae Et Therapiae Experimentalis, 2015, 63, 287-298.	2.3	53
63	Host Langerin (CD207) is a receptor for Yersinia pestis phagocytosis and promotes dissemination. Immunology and Cell Biology, 2015, 93, 815-824.	2.3	38
64	Isolation of pathogenic Yersinia enterocolitica strains from different sources in Izmir region, Turkey. Folia Microbiologica, 2015, 60, 523-529.	2.3	7
65	Interaction of human mannose-binding lectin (MBL) with Yersinia enterocolitica lipopolysaccharide. International Journal of Medical Microbiology, 2015, 305, 544-552.	3.6	21
66	Serological characterization of the enterobacterial common antigen substitution of the lipopolysaccharide of Yersinia enterocolitica Oâ€Š:â€Š3. Microbiology (United Kingdom), 2015, 161, 219-227.	1.8	10
67	Structure and genetic basis of Yersinia similis serotype O:9 O-specific polysaccharide. Innate Immunity, 2015, 21, 3-16.	2.4	9
68	Yersinia pestis<scp>A</scp>il recruitment of <scp>C</scp>4bâ€binding protein leads to factor Iâ€mediated inactivation of covalently and noncovalently bound <scp>C</scp>4b. European Journal of Immunology, 2014, 44, 742-751.	2.9	26
69	Exploiting bacterial properties for multi-hop nanonetworks. , 2014, 52, 184-191.		16
70	Parallel independent evolution of pathogenicity within the genus Yersinia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6768-6773.	7.1	154
71	Yersinia pestis Ail recruitment of C4b-binding protein leads to factor I-mediated inactivation of covalently and noncovalently bound C4b. European Journal of Immunology, 2014, 44, 742-51.	2.9	4
72	Isolation, characterization and complete genome sequence of PhaxI: a phage of Escherichia coli O157â€Š:â€ŠH7. Microbiology (United Kingdom), 2013, 159, 1629-1638.	1.8	32

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73	The O-specific polysaccharide structure and gene cluster of serotype O:12 of the Yersinia pseudotuberculosis complex, and the identification of a novel L-quinovose biosynthesis gene. Glycobiology, 2013, 23, 346-353.	2.5	18
74	Enterobacterial common antigen and O-specific polysaccharide coexist in the lipopolysaccharide of Yersinia enterocolitica serotype Oâ€Š:â€Š3. Microbiology (United Kingdom), 2013, 159, 1782-1793.	1.8	16
75	Forward and reverse coding for bacteria nanonetworks. , 2013, , .		5
76	Sequencing of Virulence Genes Shows Limited Genetic Variability inYersinia pseudotuberculosis. Foodborne Pathogens and Disease, 2013, 10, 21-27.	1.8	2
77	Characterization of the Genome, Proteome, and Structure of Yersiniophage ÂR1-37. Journal of Virology, 2012, 86, 12625-12642.	3.4	37
78	Functional Recruitment of the Human Complement Inhibitor C4BP to Yersinia pseudotuberculosis Outer Membrane Protein Ail. Journal of Immunology, 2012, 188, 4450-4459.	0.8	35
79	The Yersinia pseudotuberculosis Outer Membrane Protein Ail Recruits the Human Complement Regulatory Protein Factor H. Journal of Immunology, 2012, 189, 3593-3599.	0.8	28
80	The structure of the O-specific polysaccharide of the lipopolysaccharide from Yersinia enterocolitica serotype O:50 strain 3229. Carbohydrate Research, 2012, 359, 97-101.	2.3	9
81	Clinical isolates of Yersinia enterocolitica Biotype 1A represent two phylogenetic lineages with differing pathogenicity-related properties. BMC Microbiology, 2012, 12, 208.	3.3	40
82	Yersinia Surface Structures and Bacteriophages. Advances in Experimental Medicine and Biology, 2012, 954, 293-301.	1.6	7
83	Bacterial Cell Surface Structures in Yersinia enterocolitica. Archivum Immunologiae Et Therapiae Experimentalis, 2012, 60, 199-209.	2.3	32
84	Identification of three oligoâ€/polysaccharideâ€specific ligases in Yersinia enterocolitica. Molecular Microbiology, 2012, 83, 125-136.	2.5	17
85	Revision of the O-polysaccharide structure of Yersinia pseudotuberculosis O:1a; confirmation of the function of WbyM as paratosyltransferase. Carbohydrate Research, 2012, 350, 98-102.	2.3	5
86	Construction and Screening of a Transposon Insertion Library of Yersinia enterocolitica (YeO3-R1). Bio-protocol, 2012, 2, .	0.4	1
87	Identification of the Lipopolysaccharide Core of Yersinia pestis and Yersinia pseudotuberculosis as the Receptor for Bacteriophage Ï†A1122. Journal of Bacteriology, 2011, 193, 4963-4972.	2.2	87
88	Lipopolysaccharide Core Oligosaccharide Biosynthesis and Assembly. , 2011, , 237-273.		10
89	Population structure of the Yersinia pseudotuberculosis complex according to multilocus sequence typing. Environmental Microbiology, 2011, 13, 3114-3127.	3.8	84
90	Identification of distinct lipopolysaccharide patterns among Yersinia enterocolitica and Y. enterocolitica-like bacteria. Biochemistry (Moscow), 2011, 76, 823-831.	1.5	8

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91	Characterization of anti-ECA antibodies in rabbit antiserum against rough Yersinia enterocolitica O:3. Biochemistry (Moscow), 2011, 76, 832-839.	1.5	11
92	Multilocus Variable-Number Tandem-Repeat Analysis, Pulsed-Field Gel Electrophoresis, and Antimicrobial Susceptibility Patterns in Discrimination of Sporadic and Outbreak-Related Strains of Yersinia enterocolitica. BMC Microbiology, 2011, 11, 42.	3.3	37
93	TheailGene Is Present in SomeYersinia enterocoliticaBiotype 1A Strains. Foodborne Pathogens and Disease, 2011, 8, 455-457.	1.8	40
94	The genetics and structure of the O-specific polysaccharide of Yersinia pseudotuberculosis serotype O:10 and its relationship with Escherichia coli O111 and Salmonella enterica O35. Glycobiology, 2011, 21, 1131-1139.	2.5	14
95	Adhesins of Human Pathogens from the Genus Yersinia. Advances in Experimental Medicine and Biology, 2011, 715, 1-15.	1.6	56
96	Genetic characterisation and structural analysis of the O-specific polysaccharide of Yersinia pseudotuberculosis serotype O:1c. Innate Immunity, 2011, 17, 183-190.	2.4	13
97	Apolipoprotein A-I Exerts Bactericidal Activity against Yersinia enterocolitica Serotype O:3*. Journal of Biological Chemistry, 2011, 286, 38211-38219.	3.4	33
98	Unique Cell Adhesion and Invasion Properties of Yersinia enterocolitica O:3, the Most Frequent Cause of Human Yersiniosis. PLoS Pathogens, 2011, 7, e1002117.	4.7	57
99	First Analysis of a Bacterial Collagen-Binding Protein with Collagen Toolkits: Promiscuous Binding of YadA to Collagens May Explain How YadA Interferes with Host Processes. Infection and Immunity, 2010, 78, 3226-3236.	2.2	37
100	Characterization of the Six Glycosyltransferases Involved in the Biosynthesis of Yersinia enterocolitica Serotype O:3 Lipopolysaccharide Outer Core. Journal of Biological Chemistry, 2010, 285, 28333-28342.	3.4	22
101	Characterization of the specific O-polysaccharide structure and biosynthetic gene cluster of Yersinia pseudotuberculosis serotype O:15. Innate Immunity, 2009, 15, 351-359.	2.4	17
102	Detection and quantification of five major periodontal pathogens by single copy gene-based real-time PCR. Innate Immunity, 2009, 15, 195-204.	2.4	77
103	Characterisation of non-pathogenic Yersinia pseudotuberculosis-like strains isolated from food and environmental samples. International Journal of Food Microbiology, 2009, 129, 150-156.	4.7	23
104	Identification and Role of a 6â€Deoxyâ€4â€Ketoâ€Hexosamine in the Lipopolysaccharide Outer Core of Yersinia enterocolitica Serotype O:3. Chemistry - A European Journal, 2009, 15, 9747-9754.	3.3	27
105	ECA-immunogenicity of Proteus mirabilis strains. Archivum Immunologiae Et Therapiae Experimentalis, 2009, 57, 147-151.	2.3	15
106	Realâ€time multiplex PCR assay for detection of Yersinia pestis and Yersinia pseudotuberculosis. Apmis, 2009, 117, 34-44.	2.0	36
107	The O-specific polysaccharide structure and biosynthetic gene cluster of Yersinia pseudotuberculosis serotype O:11. Carbohydrate Research, 2009, 344, 1533-1540.	2.3	17
108	Plasminogen Activator Pla of Yersinia pestis Utilizes Murine DEC-205 (CD205) as a Receptor to Promote Dissemination. Journal of Biological Chemistry, 2008, 283, 31511-31521.	3.4	61

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109	Human Dendritic Cell-Specific Intercellular Adhesion Molecule-Grabbing Nonintegrin (CD209) Is a Receptor forYersinia pestisThat Promotes Phagocytosis by Dendritic Cells. Infection and Immunity, 2008, 76, 2070-2079.	2.2	56
110	Yersinia enterocolitica Serum Resistance Proteins YadA and Ail Bind the Complement Regulator C4b-Binding Protein. PLoS Pathogens, 2008, 4, e1000140.	4.7	109
111	The Yersinia adhesin YadA binds to a collagenous triple-helical conformation but without sequence specificity. Protein Engineering, Design and Selection, 2008, 21, 475-484.	2.1	31
112	Characterization of Complement Factor H Binding toYersinia enterocoliticaSerotype O:3. Infection and Immunity, 2008, 76, 4100-4109.	2.2	67
113	Functional Mapping of YadA- and Ail-Mediated Binding of Human Factor H toYersinia enterocoliticaSerotype O:3. Infection and Immunity, 2008, 76, 5016-5027.	2.2	55
114	Expression of the Yersinia enterocolitica pYV-Encoded Type III Secretion System Is Modulated by Lipopolysaccharide O-Antigen Status. Infection and Immunity, 2007, 75, 1512-1516.	2.2	20
115	Characterization and Biological Role of the O-Polysaccharide Gene Cluster ofYersinia enterocoliticaSerotype O:9. Journal of Bacteriology, 2007, 189, 7244-7253.	2.2	19
116	Similarities of Kawasaki Disease and Yersinia pseudotuberculosis Infection Epidemiology. Pediatric Infectious Disease Journal, 2007, 26, 629-631.	2.0	33
117	Biotechnological challenges of phage therapy. Biotechnology Letters, 2007, 29, 995-1003.	2.2	164
118	Simultaneous real-time PCR detection of Bacillus anthracis, Francisella tularensis and Yersinia pestis. European Journal of Clinical Microbiology and Infectious Diseases, 2007, 26, 207-211.	2.9	58
119	My Life with Yersinia. Advances in Experimental Medicine and Biology, 2007, 603, 44-73.	1.6	4
120	Phage therapy: Facts and fiction. International Journal of Medical Microbiology, 2006, 296, 5-14.	3.6	215
121	How to outwit the enemy: dendritic cells face Salmonella.. Apmis, 2006, 114, 589-600.	2.0	14
122	Experimental pig yersiniosis to assess attenuation ofYersinia enterocoliticaO:8 mutant strains. FEMS Immunology and Medical Microbiology, 2006, 47, 425-435.	2.7	6
123	Y. enterocolitica and Y. pseudotuberculosis. , 2006, , 270-398.		21
124	Yersiniophage Ï•R1-37 is a tailed bacteriophage having a 270â€…kb DNA genome with thymidine replaced by deoxyuridine. Microbiology (United Kingdom), 2005, 151, 4093-4102.	1.8	89
125	Role of YadA, Ail, and Lipopolysaccharide in Serum Resistance of Yersinia enterocolitica Serotype O:3. Infection and Immunity, 2005, 73, 2232-2244.	2.2	91
126	Nonessential Genes of Phage Ï†YeO3-12 Include Genes Involved in Adaptation to Growth on Yersinia enterocolitica Serotype O:3. Journal of Bacteriology, 2005, 187, 1405-1414.	2.2	19

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127	A real-time PCR assay for the specific identification of serotype O:9 of Yersinia enterocolitica. Journal of Microbiological Methods, 2005, 63, 151-156.	1.6	19
128	Absence of the Endothelial Oxidase AOC3 Leads to Abnormal Leukocyte Traffic In Vivo. Immunity, 2005, 22, 105-115.	14.3	118
129	Yersiniophages. Advances in Experimental Medicine and Biology, 2004, 529, 233-240.	1.6	7
130	Transposon Mutagenesis of the Phage Ï†YeO3-12. Advances in Experimental Medicine and Biology, 2004, 529, 245-248.	1.6	3
131	Temperature and Growth Phase Regulate the Transcription of the O-Antigen Gene Cluster of Yersinia enterocolitica O:3. Advances in Experimental Medicine and Biology, 2004, 529, 289-292.	1.6	4
132	Structural Studies of Yersinia Adhesin YadA. Advances in Experimental Medicine and Biology, 2004, 529, 85-88.	1.6	4
133	Validated 5â€² Nuclease PCR Assay for Rapid Identification of the Genus Brucella. Journal of Clinical Microbiology, 2004, 42, 2261-2263.	3.9	44
134	Yersinia enterocolitica Adhesin A Induces Production of Interleukin-8 in Epithelial Cells. Infection and Immunity, 2004, 72, 6780-6789.	2.2	58
135	A Multiplex PCR-Detection Assay for Yersinia enterocolitica Serotype O:9 and Brucella spp. Based on the Perosamine Synthetase Gene. Advances in Experimental Medicine and Biology, 2004, 529, 451-454.	1.6	12
136	Lipopolysaccharide O antigen status of Yersinia enterocolitica O:8 is essential for virulence and absence of O antigen affects the expression of other Yersinia virulence factors. Molecular Microbiology, 2004, 52, 451-469.	2.5	120
137	Diagnostic clinical bacteriology - recent developments in the application of molecular biology tools. Apmis, 2004, 112, 709-712.	2.0	0
138	The Yersinia adhesin YadA collagen-binding domain structure is a novel left-handed parallel Î²-roll. EMBO Journal, 2004, 23, 701-711.	7.8	175
139	Molecular Genetics, Biochemistry and Biological Role of Yersinia Lipopolysaccharide. Advances in Experimental Medicine and Biology, 2004, 529, 187-197.	1.6	23
140	The biosynthesis and biological role of lipopolysaccharide O-antigens of pathogenic Yersiniae. Carbohydrate Research, 2003, 338, 2521-2529.	2.3	80
141	Mutations in the genes for synthesis of the outer core region of the lipopolysaccharide of Yersinia enterocolitica O:3. Journal of Applied Microbiology, 2003, 94, 686-692.	3.1	3
142	Pathogenic Yersinia enterocolitica Strains Increase the Outer Membrane Permeability in Response to Environmental Stimuli by Modulating Lipopolysaccharide Fluidity and Lipid A Structure. Infection and Immunity, 2003, 71, 2014-2021.	2.2	36
143	Expression of heterologous O-antigen in Yersinia pestis KIM does not affect virulence by the intravenous route. Journal of Medical Microbiology, 2003, 52, 289-294.	1.8	31
144	Use of O-Antigen Gene Cluster-Specific PCRs for the Identification and O-Genotyping of Yersinia pseudotuberculosis and Yersinia pestis. Journal of Clinical Microbiology, 2003, 41, 5103-5112.	3.9	82

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145	Analysis of Enterocoliticin, a Phage Tail-like Bacteriocin. , 2003, 529, 249-252.		13
146	ECA-Antibodies in Antisera Against R Mutants of Yersinia enterocolitica O:3. , 2003, 529, 215-218.		9
147	Characterization of the Lipopolysaccharide Outer Core Biosynthesis of Yersinia enterocolitica Serotype O:3. , 2003, 529, 211-213.		0
148	Cloning and Characterization of the Yersinia enterocolitica Serotype O:9 Lipopolysaccharide O-Antigen Gene Cluster. , 2003, 529, 207-209.		4
149	Genetic (Sero)Typing of Yersinia pseudotuberculosis. , 2003, 529, 337-340.		5
150	Functional Characterization of Gne (UDP- N -Acetylglucosamine- 4-Epimerase), Wzz (Chain Length) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Bacteriology, 2002, 184, 4277-4287.	2.2	96
151	Complete Nucleotide Sequence and Likely Recombinatorial Origin of Bacteriophage T3. Journal of Molecular Biology, 2002, 319, 1115-1132.	4.2	90
152	Detection of a novel repeated sequence useful for epidemiological typing of pathogenic Yersinia enterocolitica. International Journal of Medical Microbiology, 2002, 292, 215-225.	3.6	8
153	Regulatory network of lipopolysaccharide O-antigen biosynthesis in Yersinia enterocolitica includes cell envelope-dependent signals. Molecular Microbiology, 2002, 44, 1045-1062.	2.5	57
154	Expression, purification and crystallization of a collagen-binding fragment ofYersiniaadhesin YadA. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 1042-1044.	2.5	11
155	YadA, the multifaceted adhesin. International Journal of Medical Microbiology, 2001, 291, 209-218.	3.6	224
156	Isolation and structural characterization of an R-form lipopolysaccharide from Yersinia enterocolitica serotype O:8. FEBS Journal, 2001, 268, 554-564.	0.2	47
157	Bacterial PCR in the diagnosis of joint infection. Annals of the Rheumatic Diseases, 2001, 60, 287-289.	0.9	56
158	Complete Genomic Sequence of the Lytic Bacteriophage Ï†YeO3-12 of Yersinia enterocolitica Serotype O:3. Journal of Bacteriology, 2001, 183, 1928-1937.	2.2	83
159	Temperature-regulated efflux pump/potassium antiporter system mediates resistance to cationic antimicrobial peptides in Yersinia. Molecular Microbiology, 2000, 37, 67-80.	2.5	152
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