

Herbert Schmidt

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/500684/herbert-schmidt-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127
papers

4,954
citations

38
h-index

67
g-index

133
ext. papers

5,578
ext. citations

5.2
avg. IF

5.46
L-index

#	Paper	IF	Citations
127	Bacteriophages of Shiga Toxin-Producing and Their Contribution to Pathogenicity. <i>Pathogens</i> , 2021 , 10,	4.5	12
126	The enzyme subunit SubA of Shiga toxin-producing E. coli strains demonstrates comparable intracellular transport and cytotoxic activity as the holotoxin SubAB in HeLa and HCT116 cells in vitro. <i>Archives of Toxicology</i> , 2021 , 95, 975-983	5.8	0
125	How bacterial pathogens of the gastrointestinal tract use the mucosal glyco-code to harness mucus and microbiota: New ways to study an ancient bag of tricks. <i>International Journal of Medical Microbiology</i> , 2020 , 310, 151392	3.7	18
124	Effect of exopolysaccharides produced by <i>Lactobacillus sanfranciscensis</i> on the processing properties of wheat doughs. <i>European Food Research and Technology</i> , 2020 , 246, 461-469	3.4	3
123	Plant variety and soil type influence <i>Escherichia coli</i> O104:H4 strain C227/11?cu adherence to and internalization into the roots of lettuce plants. <i>Food Microbiology</i> , 2020 , 86, 103316	6	2
122	Genetics, Toxicity, and Distribution of Enterohemorrhagic Hemolysin. <i>Toxins</i> , 2019 , 11,	4.9	13
121	Differential transcriptome analysis of enterohemorrhagic <i>Escherichia coli</i> strains reveals differences in response to plant-derived compounds. <i>BMC Microbiology</i> , 2019 , 19, 212	4.5	2
120	Transcription of the Subtilase Cytotoxin Gene in Shiga Toxin-Producing <i>Escherichia coli</i> Is Dependent on and. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	2
119	Application of MALDI-TOF mass spectrometry and specific PCR for tracking of <i>E. coli</i> O157:H7 strain 431/97 in Batavia lettuce. <i>Chemical and Biological Technologies in Agriculture</i> , 2019 , 6,	4.4	2
118	Variants of Subtilase Cytotoxin Subunits Show Differences in Complex Formation In Vitro. <i>Toxins</i> , 2019 , 11,	4.9	2
117	Effect of Different Wash Water Additives and Deep-Frozen Storage on the Quality of Curly Parsley (<i>Petroselinum crispum</i> var. <i>crispum</i>). <i>Food and Bioprocess Technology</i> , 2019 , 12, 158-165	5.1	2
116	Bacteriophages as modulator for the human gut microbiota: Release from dairy food systems and survival in a dynamic human gastrointestinal model. <i>LWT - Food Science and Technology</i> , 2018 , 91, 235-241	5.4	5
115	Growth advantage of <i>Escherichia coli</i> O104:H4 strains on 5-N-acetyl-9-O-acetyl neuraminic acid as a carbon source is dependent on heterogeneous phage-Borne nanS-p esterases. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 459-468	3.7	10
114	Recent advances in cured raw ham manufacture. <i>Critical Reviews in Food Science and Nutrition</i> , 2018 , 58, 610-630	11.5	26
113	Lysogenic conversion of atypical enteropathogenic <i>Escherichia coli</i> (aEPEC) from human, murine, and bovine origin with bacteriophage B538 Btx::cat proves their enterohemorrhagic <i>E. coli</i> (EHEC) progeny. <i>International Journal of Medical Microbiology</i> , 2018 , 308, 890-898	3.7	9
112	Toxins of Locus of Enterocyte Effacement-Negative Shiga Toxin-Producing. <i>Toxins</i> , 2018 , 10,	4.9	13
111	Adherence factors of enterohemorrhagic <i>Escherichia coli</i> O157:H7 strain Sakai influence its uptake into the roots of <i>Valerianella locusta</i> grown in soil. <i>Food Microbiology</i> , 2018 , 76, 245-256	6	8

110	Morphological and Dose-Dependent Study on the Effect of Methyl, Hexyl, and Dodecyl Rosmarinate on <i>Staphylococcus carnosus</i> LTH1502: Use of the Weibull Model. <i>Journal of Food Protection</i> , 2018 , 81, 598-605	2.5	
109	Determination of virulence and fitness genes associated with the , and integration sites of LEE-negative food-borne Shiga toxin-producing strains. <i>Gut Pathogens</i> , 2018 , 10, 43	5.4	2
108	Influence of application sequence and timing of eugenol and lauric arginate (LAE) on survival of spoilage organisms. <i>Food Microbiology</i> , 2017 , 64, 210-218	6	8
107	Modified Bacteriophage S16 Long Tail Fiber Proteins for Rapid and Specific Immobilization and Detection of Salmonella Cells. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	39
106	Genetic diversity and population structure of food-borne <i>Staphylococcus carnosus</i> strains. <i>Systematic and Applied Microbiology</i> , 2017 , 40, 34-41	4.2	3
105	Draft Genome Sequences of Five Shiga Toxin-Producing Isolates Harboring the New and Recently Described Subtilase Cytotoxin Allelic Variant. <i>Genome Announcements</i> , 2017 , 5,		4
104	Antimicrobial effect of lauroyl arginate ethyl on <i>Escherichia coli</i> O157:H7 and <i>Listeria monocytogenes</i> on red oak leaf lettuce. <i>European Food Research and Technology</i> , 2017 , 243, 879-887	3.4	6
103	Effects of <i>Quillaja saponaria</i> extract and N-lauroyl-L-arginine ethyl ester on reducing selected foodborne pathogens in vitro and maintaining quality of fresh-cut endive (<i>Cichorium endivia</i> L.) at pilot plant scale. <i>Food Control</i> , 2017 , 73, 393-400	6.2	11
102	Kinetics of volatile marker compounds during ripening of cured loins inoculated with <i>Staphylococcus carnosus</i> . <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 3050-3057	4.3	3
101	Effect of mechanical curing treatments on particle distribution to simulate non-motile bacteria migration in cured raw ham. <i>Journal of Food Engineering</i> , 2017 , 194, 58-66	6	6
100	Variation of the <i>Pseudomonas</i> community structure on oak leaf lettuce during storage detected by culture-dependent and -independent methods. <i>International Journal of Food Microbiology</i> , 2016 , 216, 95-103	5.8	4
99	<i>Escherichia coli</i> O157:H7 Strain EDL933 Harbors Multiple Functional Prophage-Associated Genes Necessary for the Utilization of 5-N-Acetyl-9-O-Acetyl Neuraminic Acid as a Growth Substrate. <i>Applied and Environmental Microbiology</i> , 2016 , 82, 5940-50	4.8	15
98	Selection of <i>Staphylococcus carnosus</i> strains based on in vitro analysis of technologically relevant physiological activities. <i>Annals of Microbiology</i> , 2016 , 66, 479-487	3.2	11
97	Safety assessment of selected <i>Staphylococcus carnosus</i> strains with regard to their application as meat starter culture. <i>Food Control</i> , 2016 , 66, 93-99	6.2	13
96	Subtilase contributes to the cytotoxicity of a Shiga toxin-producing <i>Escherichia coli</i> strain encoding three different toxins. <i>International Journal of Food Microbiology</i> , 2016 , 217, 156-61	5.8	6
95	Survival of spoilage bacteria subjected to sequential eugenol and temperature treatments. <i>International Journal of Food Microbiology</i> , 2016 , 218, 6-16	5.8	7
94	A Novel Glutamyl (Aspartyl)-Specific Aminopeptidase A from <i>Lactobacillus delbrueckii</i> with Promising Properties for Application. <i>PLoS ONE</i> , 2016 , 11, e0152139	3.7	17
93	Complete Genome Sequence of <i>Staphylococcus carnosus</i> LTH 3730. <i>Genome Announcements</i> , 2016 , 4,		1

92	Comparison of ultra-high-pressure water jet and conventional rotating blade cutting for the production of fresh-cut iceberg (<i>Lactuca sativa</i> L.) and endive (<i>Cichorium endivia</i> L.). <i>European Food Research and Technology</i> , 2016 , 242, 2071-2081	3.4	7
91	Nitrate reductase activity of <i>Staphylococcus carnosus</i> affecting the color formation in cured raw ham. <i>Food Research International</i> , 2016 , 85, 113-120	7	21
90	Quality Improvement of Fresh-Cut Endive (<i>Cichorium endivia</i> L.) and Recycling of Washing Water by Low-Dose UV-C Irradiation. <i>Food and Bioprocess Technology</i> , 2016 , 9, 1979-1990	5.1	19
89	A secretome view of colonisation factors in Shiga toxin-encoding <i>Escherichia coli</i> (STEC): from enterohaemorrhagic <i>E. coli</i> (EHEC) to related enteropathotypes. <i>FEMS Microbiology Letters</i> , 2016 , 363,	2.9	21
88	Highly Virulent Non-O157 Enterohemorrhagic <i>Escherichia coli</i> (EHEC) Serotypes Reflect Similar Phylogenetic Lineages, Providing New Insights into the Evolution of EHEC. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 7041-7	4.8	33
87	Kinetics of migration of colloidal particles in meat muscles in the absence and presence of a proteolytic enzyme to simulate non-motile bacteria penetration. <i>Food Research International</i> , 2015 , 75, 79-88	7	12
86	Characterization of in vitro antifungal activities of small and American cranberry (<i>Vaccinium oxycoccos</i> L. and <i>V. macrocarpon</i> Aiton) and lingonberry (<i>Vaccinium vitis-idaea</i> L.) concentrates in sugar reduced fruit spreads. <i>International Journal of Food Microbiology</i> , 2015 , 204, 111-7	5.8	14
85	Quality of fresh-cut radicchio cv. Rosso di Chioggia (<i>Cichorium intybus</i> L. var. <i>foliosum</i> Hegi) as affected by water jet cutting and different washing procedures. <i>European Food Research and Technology</i> , 2015 , 240, 159-172	3.4	13
84	Cytotoxic and apoptotic effects of recombinant subtilase cytotoxin variants of shiga toxin-producing <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2015 , 83, 2338-49	3.7	14
83	Draft Genome Sequence of <i>Staphylococcus carnosus</i> subsp. <i>utilis</i> LTH 7013, Isolated from South Tyrolean Ham. <i>Genome Announcements</i> , 2015 , 3,		2
82	Prevalence of subtilase cytotoxin-encoding subAB variants among Shiga toxin-producing <i>Escherichia coli</i> strains isolated from wild ruminants and sheep differs from that of cattle and pigs and is predominated by the new allelic variant subAB2-2. <i>International Journal of Medical Microbiology</i> , 2015 , 305, 124-8	3.7	13
81	Antimicrobial mechanism and activity of dodecyl rosmarinate against <i>Staphylococcus carnosus</i> LTH1502 as influenced by addition of salt and change in pH. <i>Journal of Food Protection</i> , 2014 , 77, 444-52	2.5	13
80	Bacteriophage 933W encodes a functional esterase downstream of the Shiga toxin 2a operon. <i>International Journal of Medical Microbiology</i> , 2014 , 304, 269-74	3.7	12
79	Effect of Water Jet Cutting and Moderate Heat Treatment on Quality of Fresh-Cut Red Oak Leaf Lettuce (<i>Lactuca sativa</i> L. var. <i>crispa</i>). <i>Food and Bioprocess Technology</i> , 2014 , 7, 3478-3492	5.1	14
78	Surface adhesins and exopolymers of selected foodborne pathogens. <i>Microbiology (United Kingdom)</i> , 2014 , 160, 2561-2582	2.9	21
77	Development of a rapid detection system for opportunistic pathogenic <i>Cronobacter</i> spp. in powdered milk products. <i>Food Microbiology</i> , 2014 , 42, 19-25	6	24
76	Correction: Molecular analysis of subtilase cytotoxin genes of food-borne Shiga toxin-producing <i>Escherichia coli</i> reveals a new allelic subAB variant. <i>BMC Microbiology</i> , 2014 , 14, 32	4.5	1
75	Comparison of net growth of Shiga toxin-producing <i>Escherichia coli</i> strains of serogroups O26, O103, and O157 in ground meat at different temperatures. <i>European Food Research and Technology</i> , 2014 , 238, 163-168	3.4	0

74	Molecular analysis of subtilase cytotoxin genes of food-borne Shiga toxin-producing Escherichia coli reveals a new allelic subAB variant. <i>BMC Microbiology</i> , 2013 , 13, 230	4.5	22
73	Impact of different washing procedures on quality of fresh-cut iceberg lettuce (<i>Lactuca sativa</i> var. capitata L.) and endive (<i>Cichorium endivia</i> L.). <i>European Food Research and Technology</i> , 2013 , 236, 229-241	3.4	21
72	Phylogenetic and molecular analysis of food-borne shiga toxin-producing Escherichia coli. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 2731-40	4.8	33
71	Impact of fatty acid chain length of rosmarinate esters on their antimicrobial activity against <i>Staphylococcus carnosus</i> LTH1502 and <i>Escherichia coli</i> K-12 LTH4263. <i>Journal of Food Protection</i> , 2013 , 76, 1539-48	2.5	17
70	Growth media simulating ileal and colonic environments affect the intracellular proteome and carbon fluxes of enterohemorrhagic <i>Escherichia coli</i> O157:H7 strain EDL933. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 3703-15	4.8	15
69	Type III effector genes and other virulence factors of Shiga toxin-encoding <i>Escherichia coli</i> isolated from wastewater. <i>Environmental Microbiology Reports</i> , 2012 , 4, 147-55	3.7	12
68	Analysis of the survival of <i>Listeria monocytogenes</i> in food-grade lubricants. <i>European Food Research and Technology</i> , 2012 , 234, 323-331	3.4	2
67	Effects of gallotannin treatment on attachment, growth, and survival of <i>Escherichia coli</i> O157:H7 and <i>Listeria monocytogenes</i> on spinach and lettuce. <i>European Food Research and Technology</i> , 2012 , 234, 1081-1090	3.4	10
66	Selection of in vivo expressed genes of <i>Escherichia coli</i> O157:H7 strain EDL933 in ground meat under elevated temperature conditions. <i>Journal of Food Protection</i> , 2012 , 75, 1743-50	2.5	1
65	Evolutionary analysis and distribution of type III effector genes in pathogenic <i>Escherichia coli</i> from human, animal and food sources. <i>Environmental Microbiology</i> , 2011 , 13, 439-52	5.2	19
64	Mechanisms of enterohemorrhagic <i>Escherichia coli</i> spread along the food-chain and precautionary measures. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2011 , 6, 503-510	2.3	6
63	Genetic background and mobility of variants of the gene <i>nleA</i> in attaching and effacing <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2011 , 77, 8705-13	4.8	7
62	Regulation of <i>nleA</i> in Shiga toxin-producing <i>Escherichia coli</i> O84:H4 strain 4795/97. <i>Journal of Bacteriology</i> , 2011 , 193, 832-41	3.5	10
61	Development of a multiplex real-time polymerase chain reaction for simultaneous detection of enterohemorrhagic <i>Escherichia coli</i> and enteropathogenic <i>Escherichia coli</i> strains. <i>Foodborne Pathogens and Disease</i> , 2010 , 7, 801-8	3.8	18
60	Protective effects of Lactobacilli, Bifidobacteria and Staphylococci on the infection of cultured HT29 cells with different enterohemorrhagic <i>Escherichia coli</i> serotypes are strain-specific. <i>International Journal of Food Microbiology</i> , 2010 , 144, 133-40	5.8	15
59	Phage-mediated Shiga toxin 2 gene transfer in food and water. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 1764-8	4.8	50
58	Virulence genes and molecular typing of different groups of <i>Escherichia coli</i> O157 strains in cattle. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 6282-91	4.8	38
57	Evaluation of lactic acid bacteria for sourdough fermentation of amaranth. <i>International Journal of Food Microbiology</i> , 2009 , 136, 75-82	5.8	76

56	Distribution, functional expression, and genetic organization of Cif, a phage-encoded type III-secreted effector from enteropathogenic and enterohemorrhagic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2008 , 190, 275-85	3.5	28
55	Repression of the locus of the enterocyte effacement-encoded regulator of gene transcription of <i>Escherichia coli</i> O157:H7 by <i>Lactobacillus reuteri</i> culture supernatants is LuxS and strain dependent. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 3310-4	4.8	8
54	Anaerobic conditions promote expression of Sfp fimbriae and adherence of sorbitol-fermenting enterohemorrhagic <i>Escherichia coli</i> O157:NM to human intestinal epithelial cells. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 1087-93	4.8	40
53	Hemolysin from Shiga toxin-negative <i>Escherichia coli</i> O26 strains injures microvascular endothelium. <i>Microbes and Infection</i> , 2007 , 9, 282-90	9.3	59
52	Molecular characterization and distribution of genes encoding members of the type III effector nleA family among pathogenic <i>Escherichia coli</i> strains. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 2498-507	9.7	24
51	Serotypes and intimin types of intestinal and faecal strains of eae+ <i>Escherichia coli</i> from weaned pigs. <i>Veterinary Microbiology</i> , 2006 , 114, 82-93	3.3	17
50	Pathogenicity Islands in Bacterial Pathogenesis. <i>Clinical Microbiology Reviews</i> , 2006 , 19, 257-257	34	3
49	Complete sequence of the large virulence plasmid pSFO157 of the sorbitol-fermenting enterohemorrhagic <i>Escherichia coli</i> O157:H- strain 3072/96. <i>International Journal of Medical Microbiology</i> , 2006 , 296, 467-74	3.7	41
48	The Shiga toxin 1-converting bacteriophage BP-4795 encodes an NleA-like type III effector protein. <i>Journal of Bacteriology</i> , 2005 , 187, 8494-8	3.5	37
47	Characterization of two major groups of diarrheagenic <i>Escherichia coli</i> O26 strains which are globally spread in human patients and domestic animals of different species. <i>FEMS Microbiology Letters</i> , 2005 , 249, 335-42	2.9	37
46	Genetic structure and chromosomal integration site of the cryptic prophage CP-1639 encoding Shiga toxin 1. <i>Microbiology (United Kingdom)</i> , 2005 , 151, 941-950	2.9	29
45	Global expression of prophage genes in <i>Escherichia coli</i> O157:H7 strain EDL933 in response to norfloxacin. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 931-44	5.9	67
44	Genetic analysis of enteropathogenic and enterohemorrhagic <i>Escherichia coli</i> serogroup O103 strains by molecular typing of virulence and housekeeping genes and pulsed-field gel electrophoresis. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 1552-63	9.7	58
43	Pathogenicity islands in bacterial pathogenesis. <i>Clinical Microbiology Reviews</i> , 2004 , 17, 14-56	34	468
42	Endemic occurrence of infections by multidrug-resistant <i>Escherichia coli</i> of four unique serotypes in the elderly population of Israel. <i>FEMS Microbiology Letters</i> , 2004 , 239, 249-54	2.9	9
41	Shiga toxin-encoding bacteriophages--genomes in motion. <i>International Journal of Medical Microbiology</i> , 2004 , 294, 115-21	3.7	201
40	HEp-2 cell adherence, actin aggregation, and intimin types of attaching and effacing <i>Escherichia coli</i> strains isolated from healthy infants in Germany and Australia. <i>Infection and Immunity</i> , 2003 , 71, 3995-4002	3.7	46
39	Transduction of porcine enteropathogenic <i>Escherichia coli</i> with a derivative of a shiga toxin 2-encoding bacteriophage in a porcine ligated ileal loop system. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 7242-7	4.8	66

38	Detection and characterization of EHEC-hemolysin. <i>Methods in Molecular Medicine</i> , 2003 , 73, 151-63		2
37	Antibody reactivity of a standardized human serum protein solution against a spectrum of microbial pathogens and toxins: comparison with fresh frozen plasma. <i>Therapeutic Apheresis and Dialysis</i> , 2002 , 6, 145-53	1.9	5
36	The Nucleotide Sequence of Shiga Toxin (Stx) 2e-Encoding Phage ϕ 27 Is Not Related to Other Stx Phage Genomes, but the Modular Genetic Structure Is Conserved. <i>Infection and Immunity</i> , 2002 , 70, 4755-4755	3.7	78
35	The nucleotide sequence of Shiga toxin (Stx) 2e-encoding phage ϕ P27 is not related to other Stx phage genomes, but the modular genetic structure is conserved. <i>Infection and Immunity</i> , 2002 , 70, 1896-908	3.7	78
34	Shiga-toxin-converting bacteriophages. <i>Research in Microbiology</i> , 2001 , 152, 687-95	4	155
33	A new Shiga toxin 2 variant (Stx2f) from <i>Escherichia coli</i> isolated from pigeons. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 1205-8	4.8	243
32	Antibacterials that are used as growth promoters in animal husbandry can affect the release of Shiga-toxin-2-converting bacteriophages and Shiga toxin 2 from <i>Escherichia coli</i> strains. <i>Microbiology (United Kingdom)</i> , 2000 , 146 (Pt 5), 1085-1090	2.9	98
31	Characterization of a shiga toxin 2e-converting bacteriophage from an <i>Escherichia coli</i> strain of human origin. <i>Infection and Immunity</i> , 2000 , 68, 4850-5	3.7	90
30	Structural analysis of phage-borne stx genes and their flanking sequences in shiga toxin-producing <i>Escherichia coli</i> and <i>Shigella dysenteriae</i> type 1 strains. <i>Infection and Immunity</i> , 2000 , 68, 4856-64	3.7	124
29	Molecular characteristics and epidemiological significance of Shiga toxin-producing <i>Escherichia coli</i> O26 strains. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 2134-40	9.7	104
28	Molecular analysis of H antigens reveals that human diarrheagenic <i>Escherichia coli</i> O26 strains that carry the eae gene belong to the H11 clonal complex. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 2989-93	9.7	29
27	Cattle can be a reservoir of sorbitol-fermenting shiga toxin-producing <i>Escherichia coli</i> O157:H(-) strains and a source of human diseases. <i>Journal of Clinical Microbiology</i> , 2000 , 38, 3470-3	9.7	58
26	Identification and characterisation of <i>Escherichia coli</i> strains of O157 and non-O157 serogroups containing three distinct Shiga toxin genes. <i>Journal of Medical Microbiology</i> , 2000 , 49, 383-386	3.2	15
25	The large plasmids of Shiga-toxin-producing <i>Escherichia coli</i> (STEC) are highly variable genetic elements. <i>Microbiology (United Kingdom)</i> , 1999 , 145 (Pt 5), 1005-1014	2.9	136
24	Non-O157:H7 pathogenic Shiga toxin-producing <i>Escherichia coli</i> : phenotypic and genetic profiling of virulence traits and evidence for clonality. <i>Journal of Infectious Diseases</i> , 1999 , 179, 115-23	7	167
23	IgA/IgM and Secretory Immunity. <i>Sepsis</i> , 1999 , 3, 219-224		1
22	Epidemiology and diagnosis of Shiga toxin-producing <i>Escherichia coli</i> infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 1999 , 34, 229-43	2.9	152
21	Transduction of enteric <i>Escherichia coli</i> isolates with a derivative of Shiga toxin 2-encoding bacteriophage ϕ 3538 isolated from <i>Escherichia coli</i> O157:H7. <i>Applied and Environmental Microbiology</i> , 1999 , 65, 3855-61	4.8	122

20	Reduced incidence of postoperative infection after intravenous administration of an immunoglobulin A- and immunoglobulin M-enriched preparation in anergic patients undergoing cardiac surgery. <i>Critical Care Medicine</i> , 1999 , 27, 1281-7	1.4	42
19	Enteroaggregative, Shiga toxin-producing <i>Escherichia coli</i> O111:H2 associated with an outbreak of hemolytic-uremic syndrome. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 840-2	9.7	104
18	Isolation and characterization of sorbitol-fermenting Shiga toxin (Verocytotoxin)-producing <i>Escherichia coli</i> O157:H- strains in the Czech Republic. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 2135-7	9.7	59
17	Shiga Toxin-Producing <i>Escherichia coli</i> Infections in Germany. <i>Journal of Food Protection</i> , 1997 , 60, 1454-1457	4.5	38
16	EspP, a novel extracellular serine protease of enterohaemorrhagic <i>Escherichia coli</i> O157:H7 cleaves human coagulation factor V. <i>Molecular Microbiology</i> , 1997 , 24, 767-78	4.1	302
15	A gene cluster closely related to type II secretion pathway operons of gram-negative bacteria is located on the large plasmid of enterohemorrhagic <i>Escherichia coli</i> O157 strains. <i>FEMS Microbiology Letters</i> , 1997 , 148, 265-72	2.9	108
14	Diarrhea in young children associated with <i>Escherichia coli</i> non-O157 organisms that produce Shiga-like toxin. <i>Journal of Pediatrics</i> , 1996 , 128, 341-6	3.6	62
13	Pore-forming properties of the plasmid-encoded hemolysin of enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>FEBS Journal</i> , 1996 , 241, 594-601		51
12	Analysis of the EHEC hly operon and its location in the physical map of the large plasmid of enterohaemorrhagic <i>Escherichia coli</i> O157:h7. <i>Microbiology (United Kingdom)</i> , 1996 , 142 (Pt 4), 907-914	2.9	84
11	The signal transducer encoded by ampG is essential for induction of chromosomal AmpC beta-lactamase in <i>Escherichia coli</i> by beta-lactam antibiotics and RinspecificRinducers. <i>Microbiology (United Kingdom)</i> , 1995 , 141 (Pt 5), 1085-1092	2.9	12
10	Amplification methods in diagnostic bacteriology (selected examples). <i>Journal of Microbiological Methods</i> , 1995 , 23, 55-73	2.8	6
9	Differentiation in virulence patterns of <i>Escherichia coli</i> possessing eae genes. <i>Medical Microbiology and Immunology</i> , 1994 , 183, 23-31	4	66
8	The large-sized plasmids of enterohemorrhagic <i>Escherichia coli</i> O157 strains encode hemolysins which are presumably members of the <i>E. coli</i> alpha-hemolysin family. <i>FEMS Microbiology Letters</i> , 1994 , 117, 189-96	2.9	74
7	Highly conserved B-subunit genes of Shiga-like toxin II variants found in <i>Escherichia coli</i> O157 strains. <i>FEMS Microbiology Letters</i> , 1994 , 118, 335-40	2.9	17
6	AmpG, a signal transducer in chromosomal beta-lactamase induction. <i>Molecular Microbiology</i> , 1993 , 9, 703-15	4.1	101
5	Disturbance of Peptidoglycan Synthesis by Glycine and D-Methionine Creates a Signal for the ampG-Mediated Induction of AmpC-Lactamase in <i>Escherichia coli</i> 1993 , 341-346		1
4	Molecular analysis of nosocomial infection by oxacillin-resistant <i>Staphylococcus aureus</i> lacking protein A and clumping factor. <i>Lancet, The</i> , 1992 , 340, 621	4.0	4
3	Genomic or Pathogenicity Islands in <i>Streptococcus pneumoniae</i> 217-236		

2	Phage-bacterium Co-evolution and Its Implication for Bacterial Pathogenesis	49-78	3
1	The Role of Bacteriophages in the Generation and Spread of Bacterial Pathogens	79-112	9