

Matthew K Waldor

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8063911/matthew-k-waldor-publications-by-year.pdf>

Version: 2024-04-23

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.

271
papers

20,992
citations

78
h-index

137
g-index

300
ext. papers

24,490
ext. citations

10.7
avg, IF

7.01
L-index

#	Paper	IF	Citations
271	Genomic and Phenotypic Insights for Toxigenic Clinical <i>Vibrio cholerae</i> O141.. <i>Emerging Infectious Diseases</i> , 2022 , 28, 617-624	10.2	
270	Nontoxigenic <i>Vibrio cholerae</i> Challenge Strains for Evaluating Vaccine Efficacy and Inferring Mechanisms of Protection.. <i>MBio</i> , 2022 , e0053922	7.8	0
269	Nucleolar c-Myc recruitment by a <i>Vibrio</i> T3SS effector promotes host cell proliferation and bacterial virulence. <i>EMBO Journal</i> , 2021 , 40, e105699	13	5
268	Animal models for dissecting <i>Vibrio cholerae</i> intestinal pathogenesis and immunity. <i>Current Opinion in Microbiology</i> , 2021 , 65, 1-7	7.9	2
267	Pathogen clonal expansion underlies multiorgan dissemination and organ-specific outcomes during murine systemic infection. <i>ELife</i> , 2021 , 10,	8.9	3
266	Proteomic analysis of the host-pathogen interface in experimental cholera. <i>Nature Chemical Biology</i> , 2021 , 17, 1199-1208	11.7	2
265	Host-microbe cross-talk governs amino acid chirality to regulate survival and differentiation of B cells. <i>Science Advances</i> , 2021 , 7,	14.3	7
264	Increased <i>Listeria monocytogenes</i> Dissemination and Altered Population Dynamics in Muc2-Deficient Mice. <i>Infection and Immunity</i> , 2021 , 89,	3.7	5
263	High-throughput fitness screening and transcriptomics identify a role for a type IV secretion system in the pathogenesis of Crohn's disease-associated <i>Escherichia coli</i> . <i>Nature Communications</i> , 2021 , 12, 2032	17.4	8
262	Embryonic macrophages function during early life to determine invariant natural killer T cell levels at barrier surfaces. <i>Nature Immunology</i> , 2021 , 22, 699-710	19.1	4
261	Shiga toxin remodels the intestinal epithelial transcriptional response to Enterohemorrhagic <i>Escherichia coli</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1009290	7.6	4
260	Dissecting serotype-specific contributions to live oral cholera vaccine efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
259	BipA exerts temperature-dependent translational control of biofilm-associated colony morphology in. <i>ELife</i> , 2021 , 10,	8.9	3
258	Refined Quantification of Infection Bottlenecks and Pathogen Dissemination with STAMPR. <i>MSystems</i> , 2021 , 6, e0088721	7.6	4
257	Identification of a Family of Type III Secretion System Effectors That Contain a Conserved Serine/Threonine Kinase Domain. <i>MSphere</i> , 2021 , 6, e0059921	5	2
256	A Genome-Scale Antibiotic Screen in <i>Serratia marcescens</i> Identifies YdgH as a Conserved Modifier of Cephalosporin and Detergent Susceptibility. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0078621	5.9	
255	Type I interferon remodels lysosome function and modifies intestinal epithelial defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 29862-29871	11.5	4

254	Modulation of Peptidoglycan Synthesis by Recycled Cell Wall Tetrapeptides. <i>Cell Reports</i> , 2020 , 31, 107578.6	18.6	18
253	Transient Intestinal Colonization by a Live-Attenuated Oral Cholera Vaccine Induces Protective Immune Responses in Streptomycin-Treated Mice. <i>Journal of Bacteriology</i> , 2020 , 202,	3.5	4
252	Comparative tRNA sequencing and RNA mass spectrometry for surveying tRNA modifications. <i>Nature Chemical Biology</i> , 2020 , 16, 964-972	11.7	19
251	Genetic Dissection of the Fermentative and Respiratory Contributions Supporting <i>Vibrio cholerae</i> Hypoxic Growth. <i>Journal of Bacteriology</i> , 2020 , 202,	3.5	5
250	An Oral Inoculation Infant Rabbit Model for Infection. <i>MBio</i> , 2020 , 11,	7.8	5
249	Humans Surviving Cholera Develop Antibodies against <i>Vibrio cholerae</i> O-Specific Polysaccharide That Inhibit Pathogen Motility. <i>MBio</i> , 2020 , 11,	7.8	10
248	Testing COVID-19 therapies to prevent progression of mild disease. <i>Lancet Infectious Diseases</i> , 2020 , 20, 1367	25.5	9
247	Probing the diversity and regulation of tRNA modifications. <i>Current Opinion in Microbiology</i> , 2020 , 57, 41-48	7.9	9
246	Deciphering functional redundancy in the human microbiome. <i>Nature Communications</i> , 2020 , 11, 6217	17.4	32
245	Growth-Optimized Aminoacyl-tRNA Synthetase Levels Prevent Maximal tRNA Charging. <i>Cell Systems</i> , 2020 , 11, 121-130.e6	10.6	14
244	Genetic analysis of the role of the conserved inner membrane protein CvpA in EHEC resistance to deoxycholate. <i>Journal of Bacteriology</i> , 2020 ,	3.5	4
243	A New Suite of Allelic-Exchange Vectors for the Scarless Modification of Proteobacterial Genomes. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	13
242	An SSfor ingenuity. <i>Nature Microbiology</i> , 2019 , 4, 1071-1072	26.6	
241	Oral immunization with a probiotic cholera vaccine induces broad protective immunity against <i>Vibrio cholerae</i> colonization and disease in mice. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007417	4.8	10
240	A streptococcal Fic domain-containing protein disrupts blood-brain barrier integrity by activating moesin in endothelial cells. <i>PLoS Pathogens</i> , 2019 , 15, e1007737	7.6	9
239	Unsupervised Learning Approach for Comparing Multiple Transposon Insertion Sequencing Studies. <i>MSphere</i> , 2019 , 4,	5	11
238	Transposon-insertion sequencing screens unveil requirements for EHEC growth and intestinal colonization. <i>PLoS Pathogens</i> , 2019 , 15, e1007652	7.6	23
237	A <i>Vibrio cholerae</i> BolA-Like Protein Is Required for Proper Cell Shape and Cell Envelope Integrity. <i>MBio</i> , 2019 , 10,	7.8	14

236	A Bacterial Pathogen Senses Host Mannose to Coordinate Virulence. <i>IScience</i> , 2019 , 20, 310-323	6.1	14
235	A Conserved Streptococcal Virulence Regulator Controls the Expression of a Distinct Class of M-Like Proteins. <i>MBio</i> , 2019 , 10,	7.8	4
234	A Multiorgan Trafficking Circuit Provides Purifying Selection of <i>Listeria monocytogenes</i> Virulence Genes. <i>MBio</i> , 2019 , 10,	7.8	15
233	A FACS-Based Genome-wide CRISPR Screen Reveals a Requirement for COPI in <i>Chlamydia trachomatis</i> Invasion. <i>IScience</i> , 2019 , 11, 71-84	6.1	11
232	The RNA degradosome promotes tRNA quality control through clearance of hypomodified tRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1394-1403	11.5	39
231	Host-specific differences in the contribution of an ESBL IncI1 plasmid to intestinal colonization by <i>Escherichia coli</i> O104:H4. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1579-1585	5.1	4
230	The QseG Lipoprotein Impacts the Virulence of Enterohemorrhagic <i>Escherichia coli</i> and <i>Citrobacter rodentium</i> and Regulates Flagellar Phase Variation in <i>Salmonella enterica</i> Serovar Typhimurium. <i>Infection and Immunity</i> , 2018 , 86,	3.7	6
229	Serine/threonine kinase PpkA coordinates the interplay between T6SS2 activation and quorum sensing in the marine pathogen <i>Vibrio alginolyticus</i> . <i>Environmental Microbiology</i> , 2018 , 20, 903-919	5.2	21
228	Genetic Determinants of Penicillin Tolerance in <i>Vibrio cholerae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	22
227	<i>Vibrio</i> spp. infections. <i>Nature Reviews Disease Primers</i> , 2018 , 4, 8	51.1	301
226	A live vaccine rapidly protects against cholera in an infant rabbit model. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	37
225	CRISPR Screen Reveals that EHEC's T3SS and Shiga Toxin Rely on Shared Host Factors for Infection. <i>MBio</i> , 2018 , 9,	7.8	32
224	Anaerobic nitrate reduction divergently governs population expansion of the enteropathogen <i>Vibrio cholerae</i> . <i>Nature Microbiology</i> , 2018 , 3, 1346-1353	26.6	23
223	Critical role for a promoter discriminator in RpoS control of virulence in <i>Edwardsiella piscicida</i> . <i>PLoS Pathogens</i> , 2018 , 14, e1007272	7.6	30
222	Comprehensive identification of <i>Vibrio vulnificus</i> genes required for growth in human serum. <i>Virulence</i> , 2018 , 9, 981-993	4.7	10
221	Deciphering the landscape of host barriers to infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6334-6339	11.5	44
220	Time-Resolved Transposon Insertion Sequencing Reveals Genome-Wide Fitness Dynamics during Infection. <i>MBio</i> , 2017 , 8,	7.8	32
219	Mapping the ecological networks of microbial communities. <i>Nature Communications</i> , 2017 , 8, 2042	17.4	77

218	Coupling chemosensory array formation and localization. <i>ELife</i> , 2017 , 6,	8.9	23
217	The replication initiator of the cholera pathogen's second chromosome shows structural similarity to plasmid initiators. <i>Nucleic Acids Research</i> , 2017 , 45, 3724-3737	20.1	13
216	CRISPR/Cas9 Screens Reveal Requirements for Host Cell Sulfation and Fucosylation in Bacterial Type III Secretion System-Mediated Cytotoxicity. <i>Cell Host and Microbe</i> , 2016 , 20, 226-37	23.4	45
215	Interplay between microbial d-amino acids and host d-amino acid oxidase modifies murine mucosal defence and gut microbiota. <i>Nature Microbiology</i> , 2016 , 1, 16125	26.6	87
214	Phosphorylation of <i>Deinococcus radiodurans</i> RecA Regulates Its Activity and May Contribute to Radioresistance. <i>Journal of Biological Chemistry</i> , 2016 , 291, 16672-85	5.4	22
213	Bacterial Adrenergic Sensors Regulate Virulence of Enteric Pathogens in the Gut. <i>MBio</i> , 2016 , 7,	7.8	60
212	The design and analysis of transposon insertion sequencing experiments. <i>Nature Reviews Microbiology</i> , 2016 , 14, 119-28	22.2	126
211	Chemoproteomic profiling of host and pathogen enzymes active in cholera. <i>Nature Chemical Biology</i> , 2016 , 12, 268-274	11.7	33
210	A cell wall damage response mediated by a sensor kinase/response regulator pair enables beta-lactam tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 404-9	11.5	43
209	The Nucleoid Binding Protein H-NS Biases Genome-Wide Transposon Insertion Landscapes. <i>MBio</i> , 2016 , 7,	7.8	16
208	A Transposon Screen Identifies Genetic Determinants of <i>Vibrio cholerae</i> Resistance to High-Molecular-Weight Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 4757-63	5.9	16
207	Genetic analysis of <i>Vibrio parahaemolyticus</i> intestinal colonization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 6283-8	11.5	61
206	Sequence tag-based analysis of microbial population dynamics. <i>Nature Methods</i> , 2015 , 12, 223-6, 3 p following 226	21.6	70
205	A D, D-carboxypeptidase is required for <i>Vibrio cholerae</i> halotolerance. <i>Environmental Microbiology</i> , 2015 , 17, 527-40	5.2	21
204	High-resolution genetic analysis of the requirements for horizontal transmission of the ESBL plasmid from <i>Escherichia coli</i> O104:H4. <i>Nucleic Acids Research</i> , 2015 , 43, 348-60	20.1	36
203	Single molecule-level detection and long read-based phasing of epigenetic variations in bacterial methylomes. <i>Nature Communications</i> , 2015 , 6, 7438	17.4	64
202	A Transmissible Plasmid-Borne Pathogenicity Island Confers Piscibactin Biosynthesis in the Fish Pathogen <i>Photobacterium damsela</i> subsp. <i>piscicida</i> . <i>Applied and Environmental Microbiology</i> , 2015 , 81, 5867-79	4.8	35
201	Endopeptidase-mediated beta lactam tolerance. <i>PLoS Pathogens</i> , 2015 , 11, e1004850	7.6	31

200	Where next for microbiome research?. <i>PLoS Biology</i> , 2015 , 13, e1002050	9.7	97
199	Classic reaction kinetics can explain complex patterns of antibiotic action. <i>Science Translational Medicine</i> , 2015 , 7, 287ra73	17.5	51
198	Peptidoglycan synthesis in <i>Mycobacterium tuberculosis</i> is organized into networks with varying drug susceptibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13087-92	11.5	64
197	RpoS and quorum sensing control expression and polar localization of <i>Vibrio cholerae</i> chemotaxis cluster III proteins in vitro and in vivo. <i>Molecular Microbiology</i> , 2015 , 97, 660-75	4.1	21
196	A Cytosine Methyltransferase Modulates the Cell Envelope Stress Response in the Cholera Pathogen [corrected]. <i>PLoS Genetics</i> , 2015 , 11, e1005666	6	19
195	A Genome-Wide Screen Reveals that the <i>Vibrio cholerae</i> Phosphoenolpyruvate Phosphotransferase System Modulates Virulence Gene Expression. <i>Infection and Immunity</i> , 2015 , 83, 3381-95	3.7	21
194	Molecular Dissection of the Essential Features of the Origin of Replication of the Second <i>Vibrio cholerae</i> Chromosome. <i>MBio</i> , 2015 , 6, e00973	7.8	15
193	Analysis of Bottlenecks in Experimental Models of Infection. <i>PLoS Pathogens</i> , 2015 , 11, e1004823	7.6	72
192	<i>Vibrio cholerae</i> 2015 , 2471-2479.e2		
191	Infant Rabbit Model for Diarrheal Diseases. <i>Current Protocols in Microbiology</i> , 2015 , 38, 6A.6.1-15	7.1	9
190	Cell separation in <i>Vibrio cholerae</i> is mediated by a single amidase whose action is modulated by two nonredundant activators. <i>Journal of Bacteriology</i> , 2014 , 196, 3937-48	3.5	46
189	Reciprocal regulation of resistance-nodulation-division efflux systems and the Cpx two-component system in <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 2014 , 82, 2980-91	3.7	27
188	Differential requirement for PBP1a and PBP1b in in vivo and in vitro fitness of <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 2014 , 82, 2115-24	3.7	38
187	Structural basis for the broad specificity of a new family of amino-acid racemases. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014 , 70, 79-90		40
186	ParP prevents dissociation of CheA from chemotactic signaling arrays and tethers them to a polar anchor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E255-64	11.5	33
185	A novel peptidoglycan binding protein crucial for PBP1A-mediated cell wall biogenesis in <i>Vibrio cholerae</i> . <i>PLoS Genetics</i> , 2014 , 10, e1004433	6	29
184	Comparative RNA-Seq based dissection of the regulatory networks and environmental stimuli underlying <i>Vibrio parahaemolyticus</i> gene expression during infection. <i>Nucleic Acids Research</i> , 2014 , 42, 12212-23	20.1	29
183	ARTIST: high-resolution genome-wide assessment of fitness using transposon-insertion sequencing. <i>PLoS Genetics</i> , 2014 , 10, e1004782	6	101

182	Insights into <i>Vibrio cholerae</i> intestinal colonization from monitoring fluorescently labeled bacteria. <i>PLoS Pathogens</i> , 2014 , 10, e1004405	7.6	116
181	Autotransporters but not pAA are critical for rabbit colonization by Shiga toxin-producing <i>Escherichia coli</i> O104:H4. <i>Nature Communications</i> , 2014 , 5, 3080	17.4	32
180	A Poly-N-acetylglucosamine-Shiga toxin broad-spectrum conjugate vaccine for Shiga toxin-producing <i>Escherichia coli</i> . <i>MBio</i> , 2014 , 5, e00974-14	7.8	16
179	Remodeling of the intestinal brush border underlies adhesion and virulence of an enteric pathogen. <i>MBio</i> , 2014 , 5,	7.8	27
178	The <i>Vibrio parahaemolyticus</i> effector VopC mediates Cdc42-dependent invasion of cultured cells but is not required for pathogenicity in an animal model of infection. <i>Cellular Microbiology</i> , 2014 , 16, 938-47	3.9	28
177	PprA contributes to <i>Deinococcus radiodurans</i> resistance to nalidixic acid, genome maintenance after DNA damage and interacts with deinococcal topoisomerases. <i>PLoS ONE</i> , 2014 , 9, e85288	3.7	30
176	A <i>Vibrio parahaemolyticus</i> T3SS effector mediates pathogenesis by independently enabling intestinal colonization and inhibiting TAK1 activation. <i>Cell Reports</i> , 2013 , 3, 1690-702	10.6	53
175	Establishing polar identity in gram-negative rods. <i>Current Opinion in Microbiology</i> , 2013 , 16, 752-9	7.9	17
174	Tn-Seq analysis of <i>Vibrio cholerae</i> intestinal colonization reveals a role for T6SS-mediated antibacterial activity in the host. <i>Cell Host and Microbe</i> , 2013 , 14, 652-63	23.4	171
173	Horizontal gene transfer: linking sex and cell fate. <i>Current Biology</i> , 2013 , 23, R118-9	6.3	3
172	Entering the era of bacterial epigenomics with single molecule real time DNA sequencing. <i>Current Opinion in Microbiology</i> , 2013 , 16, 192-8	7.9	87
171	Comparative genomics of recent Shiga toxin-producing <i>Escherichia coli</i> O104:H4: short-term evolution of an emerging pathogen. <i>MBio</i> , 2013 , 4, e00452-12	7.8	59
170	Deciphering the origins and tracking the evolution of cholera epidemics with whole-genome-based molecular epidemiology. <i>MBio</i> , 2013 , 4, e00670-13	7.8	12
169	High-resolution definition of the <i>Vibrio cholerae</i> essential gene set with hidden Markov model-based analyses of transposon-insertion sequencing data. <i>Nucleic Acids Research</i> , 2013 , 41, 9033-48	20.1	92
168	Substrate specificity of an elongation-specific peptidoglycan endopeptidase and its implications for cell wall architecture and growth of <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 2013 , 89, 949-62	4.1	39
167	Non-O1 <i>Vibrio cholerae</i> unlinked to cholera in Haiti. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E3206; author reply E3207	11.5	10
166	Fucose sensing regulates bacterial intestinal colonization. <i>Nature</i> , 2012 , 492, 113-7	50.4	312
165	Genome-wide mapping of methylated adenine residues in pathogenic <i>Escherichia coli</i> using single-molecule real-time sequencing. <i>Nature Biotechnology</i> , 2012 , 30, 1232-9	44.5	256

164	A hybrid approach for the automated finishing of bacterial genomes. <i>Nature Biotechnology</i> , 2012 , 30, 701-707	44.5	157
163	Inflammation and disintegration of intestinal villi in an experimental model for <i>Vibrio parahaemolyticus</i> -induced diarrhea. <i>PLoS Pathogens</i> , 2012 , 8, e1002593	7.6	110
162	The hydrophilic translocator for <i>Vibrio parahaemolyticus</i> , T3SS2, is also translocated. <i>Infection and Immunity</i> , 2012 , 80, 2940-7	3.7	15
161	A multidomain hub anchors the chromosome segregation and chemotactic machinery to the bacterial pole. <i>Genes and Development</i> , 2012 , 26, 2348-60	12.6	118
160	Crystal structures of a CTXphi pIII domain unbound and in complex with a <i>Vibrio cholerae</i> TolA domain reveal novel interaction interfaces. <i>Journal of Biological Chemistry</i> , 2012 , 287, 36258-72	5.4	15
159	A double, long polar fimbria mutant of <i>Escherichia coli</i> O157:H7 expresses Curli and exhibits reduced in vivo colonization. <i>Infection and Immunity</i> , 2012 , 80, 914-20	3.7	38
158	Studies of dynamic protein-protein interactions in bacteria using <i>Renilla luciferase</i> complementation are undermined by nonspecific enzyme inhibition. <i>PLoS ONE</i> , 2012 , 7, e43175	3.7	12
157	Origins of the <i>E. coli</i> strain causing an outbreak of hemolytic-uremic syndrome in Germany. <i>New England Journal of Medicine</i> , 2011 , 365, 709-17	59.2	658
156	RNA-Seq-based monitoring of infection-linked changes in <i>Vibrio cholerae</i> gene expression. <i>Cell Host and Microbe</i> , 2011 , 10, 165-74	23.4	166
155	Virulence of an emerging pathogenic lineage of <i>Vibrio nigripulchritudo</i> is dependent on two plasmids. <i>Environmental Microbiology</i> , 2011 , 13, 296-306	5.2	28
154	Emerging knowledge of regulatory roles of D-amino acids in bacteria. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 817-31	10.3	214
153	Distinct pathways for modification of the bacterial cell wall by non-canonical D-amino acids. <i>EMBO Journal</i> , 2011 , 30, 3442-53	13	200
152	Type III secretion is essential for the rapidly fatal diarrheal disease caused by non-O1, non-O139 <i>Vibrio cholerae</i> . <i>MBio</i> , 2011 , 2, e00106-11	7.8	53
151	The origin of the Haitian cholera outbreak strain. <i>New England Journal of Medicine</i> , 2011 , 364, 33-42	59.2	559
150	A family of ParA-like ATPases promotes cell pole maturation by facilitating polar localization of chemotaxis proteins. <i>Genes and Development</i> , 2011 , 25, 1544-55	12.6	73
149	An <i>Escherichia coli</i> O157-specific engineered pyocin prevents and ameliorates infection by <i>E. coli</i> O157:H7 in an animal model of diarrheal disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 5469-74	5.9	50
148	The three <i>vibrio cholerae</i> chromosome II-encoded ParE toxins degrade chromosome I following loss of chromosome II. <i>Journal of Bacteriology</i> , 2011 , 193, 611-9	3.5	44
147	Conserved small RNAs govern replication and incompatibility of a diverse new plasmid family from marine bacteria. <i>Nucleic Acids Research</i> , 2011 , 39, 1004-13	20.1	31

146	Meeting cholera's challenge to Haiti and the world: a joint statement on cholera prevention and care. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1145	4.8	69
145	Regulatory cross-talk links <i>Vibrio cholerae</i> chromosome II replication and segregation. <i>PLoS Genetics</i> , 2011 , 7, e1002189	6	30
144	Mobilizable genomic islands: going mobile with oriT mimicry. <i>Molecular Microbiology</i> , 2010 , 78, 537-40	4.1	19
143	Integrative and conjugative elements: mosaic mobile genetic elements enabling dynamic lateral gene flow. <i>Nature Reviews Microbiology</i> , 2010 , 8, 552-63	22.2	518
142	Reactogenicity of live-attenuated <i>Vibrio cholerae</i> vaccines is dependent on flagellins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4359-64	11.5	46
141	ParA2, a <i>Vibrio cholerae</i> chromosome partitioning protein, forms left-handed helical filaments on DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4590-5	11.5	45
140	Mining regulatory 5SUTRs from cDNA deep sequencing datasets. <i>Nucleic Acids Research</i> , 2010 , 38, 1504-14	6.1	20
139	<i>Vibrio cholerae</i> ParE2 poisons DNA gyrase via a mechanism distinct from other gyrase inhibitors. <i>Journal of Biological Chemistry</i> , 2010 , 285, 40397-408	5.4	53
138	Back to the future: studying cholera pathogenesis using infant rabbits. <i>MBio</i> , 2010 , 1,	7.8	87
137	A national cholera vaccine stockpile--a new humanitarian and diplomatic resource. <i>New England Journal of Medicine</i> , 2010 , 363, 2279-82	59.2	28
136	<i>Vibrio cholerae</i> interactions with the gastrointestinal tract: lessons from animal studies. <i>Current Topics in Microbiology and Immunology</i> , 2009 , 337, 37-59	3.3	43
135	Analysis of the genome of the <i>Escherichia coli</i> O157:H7 2006 spinach-associated outbreak isolate indicates candidate genes that may enhance virulence. <i>Infection and Immunity</i> , 2009 , 77, 3713-21	3.7	122
134	High-throughput sequencing reveals suppressors of <i>Vibrio cholerae</i> rpoE mutations: one fewer porin is enough. <i>Nucleic Acids Research</i> , 2009 , 37, 5757-67	20.1	33
133	Targeting the replication initiator of the second <i>Vibrio</i> chromosome: towards generation of vibronaceae-specific antimicrobial agents. <i>PLoS Pathogens</i> , 2009 , 5, e1000663	7.6	24
132	Mobile antibiotic resistance encoding elements promote their own diversity. <i>PLoS Genetics</i> , 2009 , 5, e1000775	8.4	84
131	Comparative ICE genomics: insights into the evolution of the SXT/R391 family of ICEs. <i>PLoS Genetics</i> , 2009 , 5, e1000786	6	188
130	Genetic analysis of activation of the <i>Vibrio cholerae</i> Cpx pathway. <i>Journal of Bacteriology</i> , 2009 , 191, 5044-56	3.5	30
129	Experimental discovery of sRNAs in <i>Vibrio cholerae</i> by direct cloning, 5S/tRNA depletion and parallel sequencing. <i>Nucleic Acids Research</i> , 2009 , 37, e46	20.1	141

128	Pivotal role of the <i>Francisella tularensis</i> heat-shock sigma factor RpoH. <i>Microbiology (United Kingdom)</i> , 2009 , 155, 2560-2572	2.9	33
127	<i>Vibrio cholerae</i> LexA coordinates CTX prophage gene expression. <i>Journal of Bacteriology</i> , 2009 , 191, 6788-95	3.5	23
126	Hfq negatively regulates type III secretion in EHEC and several other pathogens. <i>Molecular Microbiology</i> , 2009 , 74, 347-63	4.1	65
125	A toxin-antitoxin system promotes the maintenance of an integrative conjugative element. <i>PLoS Genetics</i> , 2009 , 5, e1000439	6	160
124	D-amino acids govern stationary phase cell wall remodeling in bacteria. <i>Science</i> , 2009 , 325, 1552-5	33.3	410
123	EspFU, a type III-translocated effector of actin assembly, fosters epithelial association and late-stage intestinal colonization by <i>E. coli</i> O157:H7. <i>Cellular Microbiology</i> , 2008 , 10, 836-47	3.9	39
122	Dam methyltransferase is required for stable lysogeny of the Shiga toxin (Stx2)-encoding bacteriophage 933W of enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>Journal of Bacteriology</i> , 2008 , 190, 438-41	3.5	36
121	Targeting QseC signaling and virulence for antibiotic development. <i>Science</i> , 2008 , 321, 1078-80	33.3	382
120	ATP negatively regulates the initiator protein of <i>Vibrio cholerae</i> chromosome II replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10577-82	11.5	22
119	Transient shielding of intimin and the type III secretion system of enterohemorrhagic and enteropathogenic <i>Escherichia coli</i> by a group 4 capsule. <i>Journal of Bacteriology</i> , 2008 , 190, 5063-74	3.5	37
118	CadA negatively regulates <i>Escherichia coli</i> O157:H7 adherence and intestinal colonization. <i>Infection and Immunity</i> , 2008 , 76, 5072-81	3.7	26
117	Genomic and functional analysis of ICEPdaSpa1, a fish-pathogen-derived SXT-related integrating conjugative element that can mobilize a virulence plasmid. <i>Journal of Bacteriology</i> , 2008 , 190, 3353-61	3.5	54
116	Type 2 secretion promotes enterohemorrhagic <i>Escherichia coli</i> adherence and intestinal colonization. <i>Infection and Immunity</i> , 2008 , 76, 1858-65	3.7	50
115	High-throughput, kingdom-wide prediction and annotation of bacterial non-coding RNAs. <i>PLoS ONE</i> , 2008 , 3, e3197	3.7	151
114	Enterohemorrhagic <i>Escherichia coli</i> O157:H7 gal mutants are sensitive to bacteriophage P1 and defective in intestinal colonization. <i>Infection and Immunity</i> , 2007 , 75, 1661-6	3.7	49
113	Antimicrobial peptides activate the <i>Vibrio cholerae</i> sigmaE regulon through an OmpU-dependent signalling pathway. <i>Molecular Microbiology</i> , 2007 , 63, 848-58	4.1	80
112	RNase E-dependent processing stabilizes MicX, a <i>Vibrio cholerae</i> sRNA. <i>Molecular Microbiology</i> , 2007 , 65, 373-85	4.1	74
111	Distribution of centromere-like parS sites in bacteria: insights from comparative genomics. <i>Journal of Bacteriology</i> , 2007 , 189, 8693-703	3.5	167

110	The SXT/R391 family of integrative conjugative elements is composed of two exclusion groups. <i>Journal of Bacteriology</i> , 2007 , 189, 3302-5	3.5	39
109	Characterization of a higBA toxin-antitoxin locus in <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2007 , 189, 491-500	3.5	78
108	Determinants of entry exclusion within Eex and TraG are cytoplasmic. <i>Journal of Bacteriology</i> , 2007 , 189, 6469-73	3.5	38
107	Adrenergic regulation of bacterial virulence. <i>Journal of Infectious Diseases</i> , 2007 , 195, 1248-9	7	9
106	Distinct centromere-like parS sites on the two chromosomes of <i>Vibrio</i> spp. <i>Journal of Bacteriology</i> , 2007 , 189, 5314-24	3.5	44
105	Global gene expression and phenotypic analysis of a <i>Vibrio cholerae</i> rpoH deletion mutant. <i>Journal of Bacteriology</i> , 2007 , 189, 351-62	3.5	36
104	par genes and the pathology of chromosome loss in <i>Vibrio cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 630-5	11.5	76
103	Identification of small RNAs in diverse bacterial species. <i>Current Opinion in Microbiology</i> , 2007 , 10, 96-101	7.9	136
102	The current ICE age: biology and evolution of SXT-related integrating conjugative elements. <i>Plasmid</i> , 2006 , 55, 173-83	3.3	164
101	Identification of 17 <i>Pseudomonas aeruginosa</i> sRNAs and prediction of sRNA-encoding genes in 10 diverse pathogens using the bioinformatic tool sRNAPredict2. <i>Nucleic Acids Research</i> , 2006 , 34, 3484-93	20.1	159
100	Horizontal transfer of Shiga toxin and antibiotic resistance genes among <i>Escherichia coli</i> strains in house fly (Diptera: Muscidae) gut. <i>Journal of Medical Entomology</i> , 2006 , 43, 288-95	2.2	38
99	Disarming pathogens--a new approach for antibiotic development. <i>New England Journal of Medicine</i> , 2006 , 354, 296-7	59.2	19
98	Activation of the <i>Vibrio cholerae</i> SOS response is not required for intestinal cholera toxin production or colonization. <i>Infection and Immunity</i> , 2006 , 74, 927-30	3.7	15
97	SXT-related integrating conjugative element in New World <i>Vibrio cholerae</i> . <i>Applied and Environmental Microbiology</i> , 2006 , 72, 3054-7	4.8	56
96	Requirement for <i>Vibrio cholerae</i> integration host factor in conjugative DNA transfer. <i>Journal of Bacteriology</i> , 2006 , 188, 5704-11	3.5	18
95	A dynamic, mitotic-like mechanism for bacterial chromosome segregation. <i>Genes and Development</i> , 2006 , 20, 3269-82	12.6	203
94	LexA represses CTXphi transcription by blocking access of the alpha C-terminal domain of RNA polymerase to promoter DNA. <i>Journal of Biological Chemistry</i> , 2006 , 281, 39407-12	5.4	16
93	Autorepression of RctB, an initiator of <i>Vibrio cholerae</i> chromosome II replication. <i>Journal of Bacteriology</i> , 2006 , 188, 789-93	3.5	21

92	Independent control of replication initiation of the two <i>Vibrio cholerae</i> chromosomes by DnaA and RctB. <i>Journal of Bacteriology</i> , 2006 , 188, 6419-24	3.5	61
91	Horizontal Transfer of Shiga Toxin and Antibiotic Resistance Genes Among <i>Escherichia coli</i> Strains in House Fly (Diptera: Muscidae) Gut. <i>Journal of Medical Entomology</i> , 2006 , 43, 288-295	2.2	50
90	sRNAPredict: an integrative computational approach to identify sRNAs in bacterial genomes. <i>Nucleic Acids Research</i> , 2005 , 33, 4096-105	20.1	87
89	Phage regulatory circuits and virulence gene expression. <i>Current Opinion in Microbiology</i> , 2005 , 8, 459-65	7.9	165
88	LexA cleavage is required for CTX prophage induction. <i>Molecular Cell</i> , 2005 , 17, 291-300	17.6	85
87	Interactions between inner membrane proteins in donor and recipient cells limit conjugal DNA transfer. <i>Developmental Cell</i> , 2005 , 8, 963-70	10.2	50
86	Distinct segregation dynamics of the two <i>Vibrio cholerae</i> chromosomes. <i>Molecular Microbiology</i> , 2005 , 55, 125-36	4.1	94
85	Divided genomes: negotiating the cell cycle in prokaryotes with multiple chromosomes. <i>Molecular Microbiology</i> , 2005 , 56, 1129-38	4.1	121
84	CTXphi and <i>Vibrio cholerae</i> : exploring a newly recognized type of phage-host cell relationship. <i>Molecular Microbiology</i> , 2005 , 57, 347-56	4.1	63
83	The locus of enterocyte effacement-encoded effector proteins all promote enterohemorrhagic <i>Escherichia coli</i> pathogenicity in infant rabbits. <i>Infection and Immunity</i> , 2005 , 73, 1466-74	3.7	71
82	Characterization of the small untranslated RNA RyhB and its regulon in <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2005 , 187, 4005-14	3.5	109
81	The CTXphi repressor RstR binds DNA cooperatively to form tetrameric repressor-operator complexes. <i>Journal of Biological Chemistry</i> , 2004 , 279, 2640-7	5.4	40
80	Formation of SXT tandem arrays and SXT-R391 hybrids. <i>Journal of Bacteriology</i> , 2004 , 186, 2636-45	3.5	46
79	Identification of operators and promoters that control SXT conjugative transfer. <i>Journal of Bacteriology</i> , 2004 , 186, 5945-9	3.5	42
78	The <i>Vibrio cholerae</i> ToxR-regulated porin OmpU confers resistance to antimicrobial peptides. <i>Infection and Immunity</i> , 2004 , 72, 3577-83	3.7	117
77	Hfq is essential for <i>Vibrio cholerae</i> virulence and downregulates sigma expression. <i>Molecular Microbiology</i> , 2004 , 53, 345-54	4.1	215
76	SOS response promotes horizontal dissemination of antibiotic resistance genes. <i>Nature</i> , 2004 , 427, 72-4	50.4	716
75	Characterization of XerC- and XerD-dependent CTX phage integration in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 2004 , 54, 935-47	4.1	48

74	Synchronous replication initiation of the two <i>Vibrio cholerae</i> chromosomes. <i>Current Biology</i> , 2004 , 14, R501-2	6.3	46
73	Shaping bacterial genomes with integrative and conjugative elements. <i>Research in Microbiology</i> , 2004 , 155, 376-86	4	320
72	Deletion of a <i>Vibrio cholerae</i> C1C channel results in acid sensitivity and enhanced intestinal colonization. <i>Infection and Immunity</i> , 2003 , 71, 4197-200	3.7	10
71	Critical roles for <i>stx2</i> , <i>eae</i> , and <i>tir</i> in enterohemorrhagic <i>Escherichia coli</i> -induced diarrhea and intestinal inflammation in infant rabbits. <i>Infection and Immunity</i> , 2003 , 71, 7129-39	3.7	133
70	Distinct replication requirements for the two <i>Vibrio cholerae</i> chromosomes. <i>Cell</i> , 2003 , 114, 521-30	56.2	140
69	Filamentous phages linked to virulence of <i>Vibrio cholerae</i> . <i>Current Opinion in Microbiology</i> , 2003 , 6, 35-42	7.9	158
68	pIIICTX, a predicted CTXphi minor coat protein, can expand the host range of coliphage fd to include <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2003 , 185, 1037-44	3.5	54
67	Comparison of Shiga toxin production by hemolytic-uremic syndrome-associated and bovine-associated Shiga toxin-producing <i>Escherichia coli</i> isolates. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 1059-66	4.8	69
66	Transcription of the toxin genes present within the Staphylococcal phage phiSa3ms is intimately linked with the phage's life cycle. <i>Journal of Bacteriology</i> , 2003 , 185, 6841-51	3.5	89
65	Control of SXT integration and excision. <i>Journal of Bacteriology</i> , 2003 , 185, 5045-54	3.5	98
64	Comparison of SXT and R391, two conjugative integrating elements: definition of a genetic backbone for the mobilization of resistance determinants. <i>Cellular and Molecular Life Sciences</i> , 2002 , 59, 2065-70	10.3	78
63	Bacteriophage control of Shiga toxin 1 production and release by <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2002 , 44, 957-70	4.1	180
62	Filamentous phage integration requires the host recombinases XerC and XerD. <i>Nature</i> , 2002 , 417, 656-9	50.4	150
61	A satellite phage-encoded antirepressor induces repressor aggregation and cholera toxin gene transfer. <i>EMBO Journal</i> , 2002 , 21, 4240-9	13	95
60	Genomic and functional analyses of SXT, an integrating antibiotic resistance gene transfer element derived from <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2002 , 184, 4259-69	3.5	206
59	Bacteriophage control of bacterial virulence. <i>Infection and Immunity</i> , 2002 , 70, 3985-93	3.7	353
58	Mobile Genetic Elements and Bacterial Pathogenesis 2002 , 1040-1059		19
57	Evolutionary and functional analyses of variants of the toxin-coregulated pilus protein TcpA from toxigenic <i>Vibrio cholerae</i> non-O1/non-O139 serogroup isolates. <i>Microbiology (United Kingdom)</i> , 2002 , 148, 1655-1666	2.9	54

56	Evidence for a rolling-circle mechanism of phage DNA synthesis from both replicative and integrated forms of CTXphi. <i>Molecular Microbiology</i> , 2001 , 41, 311-23	4.1	38
55	Formation of chromosomal tandem arrays of the SXT element and R391, two conjugative chromosomally integrating elements that share an attachment site. <i>Journal of Bacteriology</i> , 2001 , 183, 1124-32	3.5	80
54	Human neutrophils and their products induce Shiga toxin production by enterohemorrhagic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2001 , 69, 1934-7	3.7	113
53	Role for a phage promoter in Shiga toxin 2 expression from a pathogenic <i>Escherichia coli</i> strain. <i>Journal of Bacteriology</i> , 2001 , 183, 2081-5	3.5	211
52	Molecular analysis of antibiotic resistance gene clusters in vibrio cholerae O139 and O1 SXT constins. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 2991-3000	5.9	245
51	Molecular analyses of a putative CTXphi precursor and evidence for independent acquisition of distinct CTX(phi)s by toxigenic <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2000 , 182, 5530-8	3.5	76
50	CTXphi contains a hybrid genome derived from tandemly integrated elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 8572-7	11.5	61
49	Infectious CTXPhi and the vibrio pathogenicity island prophage in <i>Vibrio mimicus</i> : evidence for recent horizontal transfer between <i>V. mimicus</i> and <i>V. cholerae</i> . <i>Infection and Immunity</i> , 2000 , 68, 1507-13	3.7	116
48	Mobilization of plasmids and chromosomal DNA mediated by the SXT element, a constin found in <i>Vibrio cholerae</i> O139. <i>Journal of Bacteriology</i> , 2000 , 182, 2043-7	3.5	99
47	CTXphi infection of <i>Vibrio cholerae</i> requires the tolQRA gene products. <i>Journal of Bacteriology</i> , 2000 , 182, 1739-47	3.5	88
46	CTX prophages in classical biotype <i>Vibrio cholerae</i> : functional phage genes but dysfunctional phage genomes. <i>Journal of Bacteriology</i> , 2000 , 182, 6992-8	3.5	106
45	Sunlight-induced propagation of the lysogenic phage encoding cholera toxin. <i>Infection and Immunity</i> , 2000 , 68, 4795-801	3.7	54
44	Quinolone antibiotics induce Shiga toxin-encoding bacteriophages, toxin production, and death in mice. <i>Journal of Infectious Diseases</i> , 2000 , 181, 664-70	7	444
43	Convergence of the secretory pathways for cholera toxin and the filamentous phage, CTXphi. <i>Science</i> , 2000 , 288, 333-5	33.3	93
42	Site-specific integration of the conjugal <i>Vibrio cholerae</i> SXT element into prfC. <i>Molecular Microbiology</i> , 1999 , 32, 99-110	4.1	182
41	Regulation and temporal expression patterns of <i>Vibrio cholerae</i> virulence genes during infection. <i>Cell</i> , 1999 , 99, 625-34	56.2	260
40	Isogenic lysogens of diverse shiga toxin 2-encoding bacteriophages produce markedly different amounts of shiga toxin. <i>Infection and Immunity</i> , 1999 , 67, 6710-4	3.7	71
39	<i>Vibrio cholerae</i> intestinal population dynamics in the suckling mouse model of infection. <i>Infection and Immunity</i> , 1999 , 67, 3733-9	3.7	86

38	The <i>Vibrio cholerae</i> O139 Calcutta bacteriophage CTXphi is infectious and encodes a novel repressor. <i>Journal of Bacteriology</i> , 1999 , 181, 6779-87	3.5	100
37	Morphological and physical characterization of the capsular layer of <i>Vibrio cholerae</i> O139. <i>Archives of Microbiology</i> , 1998 , 170, 339-44	3	14
36	Replication and integration of a <i>Vibrio cholerae</i> cryptic plasmid linked to the CTX prophage. <i>Molecular Microbiology</i> , 1998 , 28, 1247-54	4.1	65
35	Diverse CTXphis and evolution of new pathogenic <i>Vibrio cholerae</i> . <i>Lancet, The</i> , 1998 , 352, 457-8	4.0	62
34	Bacteriophage biology and bacterial virulence. <i>Trends in Microbiology</i> , 1998 , 6, 295-7	12.4	71
33	CTXphi immunity: application in the development of cholera vaccines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 7035-9	11.5	109
32	In Vivo Transduction with Shiga Toxin 1-Encoding Phage. <i>Infection and Immunity</i> , 1998 , 66, 4496-4498	3.7	6
31	ToxR-independent expression of cholera toxin from the replicative form of CTXphi. <i>Infection and Immunity</i> , 1998 , 66, 394-7	3.7	40
30	Use of representational difference analysis to identify genomic differences between pathogenic strains of <i>Vibrio cholerae</i> . <i>Infection and Immunity</i> , 1998 , 66, 849-52	3.7	33
29	<i>Vibrio cholerae</i> hemagglutinin/protease inactivates CTXphi. <i>Infection and Immunity</i> , 1998 , 66, 4025-9	3.7	24
28	In vivo transduction with shiga toxin 1-encoding phage. <i>Infection and Immunity</i> , 1998 , 66, 4496-8	3.7	121
27	Cholera: molecular basis for emergence and pathogenesis. <i>FEMS Immunology and Medical Microbiology</i> , 1997 , 18, 241-8		42
26	Regulation, replication, and integration functions of the <i>Vibrio cholerae</i> CTXphi are encoded by region RS2. <i>Molecular Microbiology</i> , 1997 , 24, 917-26	4.1	171
25	Lysogenic conversion by a filamentous phage encoding cholera toxin. <i>Science</i> , 1996 , 272, 1910-4	33.3	1396
24	A new type of conjugative transposon encodes resistance to sulfamethoxazole, trimethoprim, and streptomycin in <i>Vibrio cholerae</i> O139. <i>Journal of Bacteriology</i> , 1996 , 178, 4157-65	3.5	304
23	<i>Vibrio cholerae</i> . <i>Infectious Agents and Pathogenesis</i> , 1996 , 37-56		9
22	Emergence of a new cholera pandemic: molecular analysis of virulence determinants in <i>Vibrio cholerae</i> O139 and development of a live vaccine prototype. <i>Journal of Infectious Diseases</i> , 1994 , 170, 278-83	7	124
21	<i>Vibrio cholerae</i> O139 specific gene sequences. <i>Lancet, The</i> , 1994 , 343, 1366	4.0	64

20	The <i>Vibrio cholerae</i> O139 serogroup antigen includes an O-antigen capsule and lipopolysaccharide virulence determinants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 11388-92	11.5	166
19	ToxR regulates virulence gene expression in non-O1 strains of <i>Vibrio cholerae</i> that cause epidemic cholera. <i>Infection and Immunity</i> , 1994 , 62, 72-8	3.7	106
18	In utero infection due to <i>Pasteurella multocida</i> in the first trimester of pregnancy: case report and review. <i>Clinical Infectious Diseases</i> , 1992 , 14, 497-500	11.6	20
17	Staphylococcal Phages297-318		3
16	Contribution of Phages to Group A <i>Streptococcus</i> Genetic Diversity and Pathogenesis319-P4		1
15	Pneumococcal Phages335-P1		5
14	Bacteriophage Evolution and the Role of Phages in Host Evolution55-65		4
13	Phage Ecology and Bacterial Pathogenesis66-91		4
12	Lambdoid Phages and Shiga Toxin129-164		8
11	Virulence-Linked Bacteriophages of Pathogenic <i>Vibrios</i> 187-205		1
10	Deciphering Functional Redundancy in the Human Microbiome		8
9	Functional remodeling of lysosomes by type I interferon modifies host defense		1
8	Genetic dissection of the fermentative and respiratory contributions supporting <i>Vibrio cholerae</i> hypoxic growth		2
7	Muc2 mucin limits <i>Listeria monocytogenes</i> dissemination and modulates its population dynamics		2
6	Surveying the landscape of tRNA modifications by combining tRNA sequencing and RNA mass spectrometry		1
5	Modulation of peptidoglycan synthesis by recycled cell wall tetrapeptides		1
4	Use of Phages in Therapy and Bacterial Detection430-440		1
3	<i>Bordetella</i> Phages206-222		

2	Refined quantification of infection bottlenecks and pathogen dissemination with STAMPR	1
1	Pathogen clonal expansion underlies multiorgan dissemination and organ-specific outcomes during systemic infection	2