

# Michael McClelland

## List of Publications by Year in descending order

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301  
papers

23,195  
citations

10986

71  
h-index

9589

142  
g-index

312  
all docs

312  
docs citations

312  
times ranked

19084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fingerprinting genomes using PCR with arbitrary primers. <i>Nucleic Acids Research</i> , 1990, 18, 7213-7218.	14.5	4,477
2	Complete genome sequence of <i>Salmonella enterica</i> serovar Typhimurium LT2. <i>Nature</i> , 2001, 413, 852-856.	27.8	1,712
3	Selective Silencing of Foreign DNA with Low GC Content by the H-NS Protein in <i>Salmonella</i> . <i>Science</i> , 2006, 313, 236-238.	12.6	672
4	Arbitrarily primed PCR fingerprinting of RNA. <i>Nucleic Acids Research</i> , 1992, 20, 4965-4970.	14.5	602
5	Space flight alters bacterial gene expression and virulence and reveals a role for global regulator Hfq. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16299-16304.	7.1	426
6	Effect of site-specific modification on restriction endonucleases and DNA modification methyltransferases. <i>Nucleic Acids Research</i> , 1994, 22, 3640-3659.	14.5	379
7	Comparison of genome degradation in Paratyphi A and Typhi, human-restricted serovars of <i>Salmonella enterica</i> that cause typhoid. <i>Nature Genetics</i> , 2004, 36, 1268-1274.	21.4	367
8	Polymorphisms generated by arbitrarily primed PCR in the mouse: application to strain identification and genetic mapping. <i>Nucleic Acids Research</i> , 1991, 19, 303-306.	14.5	341
9	Restriction endonucleases for pulsed field mapping of bacterial genomes. <i>Nucleic Acids Research</i> , 1987, 15, 5985-6005.	14.5	331
10	Genomic fingerprinting using arbitrarily primed PCR and a matrix of pairwise combinations of primers. <i>Nucleic Acids Research</i> , 1991, 19, 5275-5279.	14.5	266
11	Silencing of xenogeneic DNA by H-NS facilitates lateral gene transfer in bacteria by a defense system that recognizes foreign DNA. <i>Genes and Development</i> , 2007, 21, 1456-1471.	5.9	262
12	Regulation of <i>Salmonella typhimurium</i> virulence gene expression by cationic antimicrobial peptides. <i>Molecular Microbiology</i> , 2003, 50, 219-230.	2.5	242
13	Evolutionary genomics of <i>Salmonella</i> : Gene acquisitions revealed by microarray analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8956-8961.	7.1	231
14	Genomic fingerprints produced by PCR with consensus tRNA gene primers. <i>Nucleic Acids Research</i> , 1991, 19, 861-866.	14.5	218
15	Characterization of <i>Salmonella enterica</i> Subspecies I Genovars by Use of Microarrays. <i>Journal of Bacteriology</i> , 2004, 186, 5883-5898.	2.2	218
16	Co-regulation of <i>Salmonella enterica</i> genes required for virulence and resistance to antimicrobial peptides by SlyA and PhoP/PhoQ. <i>Molecular Microbiology</i> , 2005, 56, 492-508.	2.5	203
17	Gene expression patterns during swarming in <i>Salmonella typhimurium</i> : genes specific to surface growth and putative new motility and pathogenicity genes. <i>Molecular Microbiology</i> , 2004, 52, 169-187.	2.5	198
18	Genome Sequence of <i>Cronobacter sakazakii</i> BAA-894 and Comparative Genomic Hybridization Analysis with Other <i>Cronobacter</i> Species. <i>PLoS ONE</i> , 2010, 5, e9556.	2.5	198

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19	Global regulation by CsrA in <i>Salmonella typhimurium</i> . <i>Molecular Microbiology</i> , 2003, 48, 1633-1645.	2.5	196
20	Distinct <i>Salmonella</i> Enteritidis lineages associated with enterocolitis in high-income settings and invasive disease in low-income settings. <i>Nature Genetics</i> , 2016, 48, 1211-1217.	21.4	191
21	<i>In silico</i> dissection of cell-type-associated patterns of gene expression in prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 615-620.	7.1	189
22	Stem cell-like micro-RNA signature driven by Myc in aggressive liver cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20471-20476.	7.1	187
23	The wisdom of the commons: ensemble tree classifiers for prostate cancer prognosis. <i>Bioinformatics</i> , 2009, 25, 54-60.	4.1	186
24	Identification of Promoters Bound by c-Jun/ATF2 during Rapid Large-Scale Gene Activation following Genotoxic Stress. <i>Molecular Cell</i> , 2004, 16, 521-535.	9.7	181
25	Analysis of Pools of Targeted <i>Salmonella</i> Deletion Mutants Identifies Novel Genes Affecting Fitness during Competitive Infection in Mice. <i>PLoS Pathogens</i> , 2009, 5, e1000477.	4.7	178
26	Diversity of the <i>Cronobacter</i> Genus as Revealed by Multilocus Sequence Typing. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3031-3039.	3.9	171
27	Flagellin Fusion Proteins as Adjuvants or Vaccines Induce Specific Immune Responses. <i>Infection and Immunity</i> , 2004, 72, 2810-2816.	2.2	161
28	<i>Salmonella enterica</i> Serovar Typhimurium Requires the Lpf, Pef, and Tafi Fimbriae for Biofilm Formation on HEp-2 Tissue Culture Cells and Chicken Intestinal Epithelium. <i>Infection and Immunity</i> , 2006, 74, 3156-3169.	2.2	151
29	Transcriptome of <i>Salmonella enterica</i> serovar Typhi within macrophages revealed through the selective capture of transcribed sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1906-1911.	7.1	149
30	Microarray analysis identifies <i>Salmonella</i> genes belonging to the low-shear modeled microgravity regulon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 13807-13812.	7.1	144
31	Coordinated Regulation of Virulence during Systemic Infection of <i>Salmonella enterica</i> Serovar Typhimurium. <i>PLoS Pathogens</i> , 2009, 5, e1000306.	4.7	143
32	Virulence Gene Profiling and Pathogenicity Characterization of Non-Typhoidal <i>Salmonella</i> Accounted for Invasive Disease in Humans. <i>PLoS ONE</i> , 2013, 8, e58449.	2.5	143
33	Asymmetrical distribution of CpG in an "average" mammalian gene. <i>Nucleic Acids Research</i> , 1982, 10, 7865-7877.	14.5	140
34	Identification of New Flagellar Genes of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Journal of Bacteriology</i> , 2006, 188, 2233-2243.	2.2	140
35	Defined Single-Gene and Multi-Gene Deletion Mutant Collections in <i>Salmonella enterica</i> sv Typhimurium. <i>PLoS ONE</i> , 2014, 9, e99820.	2.5	140
36	The intestinal fatty acid propionate inhibits <i>Salmonella</i> invasion through the post-translational control of <i>HilD</i> . <i>Molecular Microbiology</i> , 2013, 87, 1045-1060.	2.5	134

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37	Media Ion Composition Controls Regulatory and Virulence Response of Salmonella in Spaceflight. PLoS ONE, 2008, 3, e3923.	2.5	133
38	Vav3 Mediates Receptor Protein Tyrosine Kinase Signaling, Regulates GTPase Activity, Modulates Cell Morphology, and Induces Cell Transformation. Molecular and Cellular Biology, 2000, 20, 9212-9224.	2.3	131
39	FNR Is a Global Regulator of Virulence and Anaerobic Metabolism in Salmonella enterica Serovar Typhimurium (ATCC 14028s). Journal of Bacteriology, 2007, 189, 2262-2273.	2.2	131
40	Comparative Analysis of Genome Sequences Covering the Seven Cronobacter Species. PLoS ONE, 2012, 7, e49455.	2.5	130
41	KGB: a single buffer for all restriction endonucleases. Nucleic Acids Research, 1988, 16, 364-364.	14.5	123
42	The effect of sequence specific DNA methylation on restriction endonuclease cleavage. Nucleic Acids Research, 1981, 9, 5859-5866.	14.5	122
43	Low-Shear Modeled Microgravity Alters the <i>Salmonella enterica</i> Serovar Typhimurium Stress Response in an RpoS-Independent Manner. Applied and Environmental Microbiology, 2002, 68, 5408-5416.	3.1	122
44	Humanized nonobese diabetic- <i>scid</i> IL2r <sup>3</sup> null mice are susceptible to lethal <i>Salmonella</i> Typhi infection. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15589-15594.	7.1	122
45	Lateral gene transfer in Salmonella. Microbes and Infection, 2003, 5, 977-989.	1.9	113
46	The RcsCDB Signaling System and Swarming Motility in <i>Salmonella enterica</i> Serovar Typhimurium: Dual Regulation of Flagellar and SPI-2 Virulence Genes. Journal of Bacteriology, 2007, 189, 8447-8457.	2.2	110
47	Global Systems-Level Analysis of Hfq and SmpB Deletion Mutants in Salmonella: Implications for Virulence and Global Protein Translation. PLoS ONE, 2009, 4, e4809.	2.5	109
48	Identification and Sequence Analysis of a 27-Kilobase Chromosomal Fragment Containing a <i>Salmonella</i> Pathogenicity Island Located at 92 Minutes on the Chromosome Map of <i>Salmonella enterica</i> Serovar Typhimurium LT2. Infection and Immunity, 1998, 66, 3365-3371.	2.2	108
49	Comparison of the PhoPQ Regulon in Escherichia coli and Salmonella typhimurium. Journal of Molecular Evolution, 2005, 60, 462-474.	1.8	106
50	Evolutionary Genomics of Salmonella enterica Subspecies. MBio, 2013, 4, .	4.1	106
51	Differences in Gene Content between Salmonella enterica Serovar Enteritidis Isolates and Comparison to Closely Related Serovars Gallinarum and Dublin. Journal of Bacteriology, 2005, 187, 6545-6555.	2.2	105
52	Site-specific methylation: effect on DNA modification methyltransferases and restriction endonucleases. Nucleic Acids Research, 1991, 19, 2045-2071.	14.5	98
53	Persistent Infections by Nontyphoidal <i>Salmonella</i> in Humans: Epidemiology and Genetics. Clinical Infectious Diseases, 2016, 62, 879-886.	5.8	98
54	Global Transcriptional Analysis of Dehydrated Salmonella enterica Serovar Typhimurium. Applied and Environmental Microbiology, 2012, 78, 7866-7875.	3.1	97

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55	Antimicrobial Resistance Genes, Cassettes, and Plasmids Present in Salmonella enterica Associated With United States Food Animals. <i>Frontiers in Microbiology</i> , 2019, 10, 832.	3.5	95
56	DNA microarray detection of antimicrobial resistance genes in diverse bacteria. <i>International Journal of Antimicrobial Agents</i> , 2006, 27, 138-151.	2.5	94
57	DNA Microarray-Based Typing of an Atypical Monophasic Salmonella enterica Serovar. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2074-2078.	3.9	93
58	Survey of Differentially Methylated Promoters in Prostate Cancer Cell Lines. <i>Neoplasia</i> , 2005, 7, 748-IN7.	5.3	92
59	The CpxR/CpxA Two-component System Up-regulates Two Tat-dependent Peptidoglycan Amidases to Confer Bacterial Resistance to Antimicrobial Peptide. <i>Journal of Biological Chemistry</i> , 2011, 286, 5529-5539.	3.4	91
60	Profiling of histone H3 lysine 9 trimethylation levels predicts transcription factor activity and survival in acute myeloid leukemia. <i>Blood</i> , 2010, 116, 3564-3571.	1.4	90
61	Alternative sigma factor interactions in Salmonella: $\sigma^{E}$ and $\sigma^{H}$ promote antioxidant defences by enhancing $\sigma^{F}$ levels. <i>Molecular Microbiology</i> , 2005, 56, 811-823.	2.5	89
62	Genomic Epidemiology of Salmonella enterica Serotype Enteritidis based on Population Structure of Prevalent Lineages. <i>Emerging Infectious Diseases</i> , 2014, 20, 1481-1489.	4.3	87
63	Effect of site-specific methylation on restriction endonucleases and DNA modification methyltransferases. <i>Nucleic Acids Research</i> , 1993, 21, 3139-3154.	14.5	86
64	Diagnosis of Prostate Cancer Using Differentially Expressed Genes in Stroma. <i>Cancer Research</i> , 2011, 71, 2476-2487.	0.9	84
65	The effect of site-specific DNA methylation on restriction endonucleases and DNA modification methyltransferases – a review. <i>Gene</i> , 1988, 74, 291-304.	2.2	82
66	Infection of Mice by Salmonella enterica Serovar Enteritidis Involves Additional Genes That Are Absent in the Genome of Serovar Typhimurium. <i>Infection and Immunity</i> , 2012, 80, 839-849.	2.2	81
67	The NsrR regulon in nitrosative stress resistance of <i>Salmonella enterica</i> serovar Typhimurium. <i>Molecular Microbiology</i> , 2012, 85, 1179-1193.	2.5	80
68	Bile acids mimic oxidative stress induced upregulation of thioredoxin reductase in colon cancer cell lines. <i>Carcinogenesis</i> , 2002, 23, 1281-1288.	2.8	78
69	<i>In silico</i> Estimates of Tissue Components in Surgical Samples Based on Expression Profiling Data. <i>Cancer Research</i> , 2010, 70, 6448-6455.	0.9	78
70	Salmonella Persistence in Tomatoes Requires a Distinct Set of Metabolic Functions Identified by Transposon Insertion Sequencing. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	78
71	Effect of site-specific methylation on DNA modification methyltransferases and restriction endonucleases. <i>Nucleic Acids Research</i> , 1992, 20, 2145-2157.	14.5	77
72	A non-redundant microarray of genes for two related bacteria. <i>Nucleic Acids Research</i> , 2003, 31, 1869-1876.	14.5	74

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73	<i>Salmonella</i> Promoters Preferentially Activated Inside Tumors. <i>Cancer Research</i> , 2008, 68, 4827-4832.	0.9	73
74	Chromatin modifications induced by PML-RAR $\pm$ repress critical targets in leukemogenesis as analyzed by ChIP-Chip. <i>Blood</i> , 2008, 111, 2887-2895.	1.4	73
75	PCR-amplified length polymorphisms in tRNA intergenic spacers for categorizing staphylococci. <i>Molecular Microbiology</i> , 1992, 6, 1673-1680.	2.5	72
76	Analysis of the ArcA regulon in anaerobically grown <i>Salmonella enterica</i> sv. Typhimurium. <i>BMC Microbiology</i> , 2011, 11, 58.	3.3	72
77	L-Asparaginase II Produced by <i>Salmonella</i> Typhimurium Inhibits T Cell Responses and Mediates Virulence. <i>Cell Host and Microbe</i> , 2012, 12, 791-798.	11.0	72
78	Genome-wide analysis of histone H3 acetylation patterns in AML identifies PRDX2 as an epigenetically silenced tumor suppressor gene. <i>Blood</i> , 2012, 119, 2346-2357.	1.4	72
79	The effect of site specific methylation on restriction endonuclease cleavage (update). <i>Nucleic Acids Research</i> , 1983, 11, 235-235.	14.5	71
80	Host Gene Expression Changes and DNA Amplification during Temperate Phage Induction. <i>Journal of Bacteriology</i> , 2005, 187, 1485-1492.	2.2	71
81	The Fur regulon in anaerobically grown <i>Salmonella enterica</i> sv. Typhimurium: identification of new Fur targets. <i>BMC Microbiology</i> , 2011, 11, 236.	3.3	70
82	Specific Responses of <i>Salmonella enterica</i> to Tomato Varieties and Fruit Ripeness Identified by In Vivo Expression Technology. <i>PLoS ONE</i> , 2010, 5, e12406.	2.5	70
83	Purification and characterization of two new modification methylases; MClI from <i>Caryophanon latum</i> L and MTAqI from <i>Thermus aquaticus</i> YTI. <i>Nucleic Acids Research</i> , 1981, 9, 6795-6804.	14.5	65
84	[25] Use of DNA methyltransferase/endonuclease enzyme combinations for megabase mapping of chromosomes. <i>Methods in Enzymology</i> , 1992, 216, 279-303.	1.0	65
85	Delineation of the <i>Salmonella enterica</i> Serovar Typhimurium HilA Regulon through Genome-Wide Location and Transcript Analysis. <i>Journal of Bacteriology</i> , 2007, 189, 4587-4596.	2.2	65
86	Fitness Costs and Stability of a High-Level Ciprofloxacin Resistance Phenotype in <i>Salmonella enterica</i> Serotype Enteritidis: Reduced Infectivity Associated with Decreased Expression of <i>Salmonella</i> Pathogenicity Island 1 Genes. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 367-374.	3.2	64
87	WebArray: an online platform for microarray data analysis. <i>BMC Bioinformatics</i> , 2005, 6, 306.	2.6	63
88	DNA mismatch correction by Very Short Patch repair may have altered the abundance of oligonucleotides in the <i>E. coli</i> genome. <i>Nucleic Acids Research</i> , 1992, 20, 1663-1668.	14.5	60
89	A macrophage-based screen identifies antibacterial compounds selective for intracellular <i>Salmonella</i> Typhimurium. <i>Nature Communications</i> , 2019, 10, 197.	12.8	59
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91	The 4â€cysteine zincâ€finger motif of the <scp>RNA</scp> polymerase regulator <scp>DksA</scp> serves as a thiol switch for sensing oxidative and nitrosative stress. <i>Molecular Microbiology</i> , 2014, 91, 790-804.	2.5	58
92	Import of Aspartate and Malate by DcuABC Drives H <sub>2</sub> /Fumarate Respiration to Promote Initial Salmonella Gut-Lumen Colonization in Mice. <i>Cell Host and Microbe</i> , 2020, 27, 922-936.e6.	11.0	58
93	Flagellin Is Required for Host Cell Invasion and Normal Salmonella Pathogenicity Island 1 Expression by Salmonella enterica Serovar Paratyphi A. <i>Infection and Immunity</i> , 2015, 83, 3355-3368.	2.2	57
94	Correlation of Phenotype with the Genotype of Egg-Contaminating Salmonella enterica Serovar Enteritidis. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4388-4399.	3.1	56
95	The 1 <sup>st</sup> uvrB mutations in the Ames strains of Salmonella span 15 to 119 genes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 483, 1-11.	1.0	55
96	Development of a DNA Microarray to Detect Antimicrobial Resistance Genes Identified in the National Center for Biotechnology Information Database. <i>Microbial Drug Resistance</i> , 2010, 16, 9-19.	2.0	55
97	Salmonella enterica Serovar Typhi Strains from Which SPI7, a 134-Kilobase Island with Genes for Vi Exopolysaccharide and Other Functions, Has Been Deleted. <i>Journal of Bacteriology</i> , 2004, 186, 3214-3223.	2.2	54
98	Genomic Comparisons of Salmonella enterica Serovar Dublin, Agona, and Typhimurium Strains Recently Isolated from Milk Filters and Bovine Samples from Ireland, Using a Salmonella Microarray. <i>Applied and Environmental Microbiology</i> , 2005, 71, 1616-1625.	3.1	53
99	Genome-wide analysis of the PreA/PreB (QseB/QseC) regulon of Salmonella enterica serovar Typhimurium. <i>BMC Microbiology</i> , 2009, 9, 42.	3.3	53
100	Interactions among regulators of RNA abundance characterized using RNA fingerprinting by arbitrarily primed PCR. <i>Nucleic Acids Research</i> , 1994, 22, 4419-4431.	14.5	51
101	The Accuracy of Survival Time Prediction for Patients with Glioma Is Improved by Measuring Mitotic Spindle Checkpoint Gene Expression. <i>PLoS ONE</i> , 2011, 6, e25631.	2.5	51
102	In Vivo Expression of Salmonella enterica Serotype Typhi Genes in the Blood of Patients with Typhoid Fever in Bangladesh. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1419.	3.0	51
103	Differences in Gene Content among Salmonella enterica Serovar Typhi Isolates. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3823-3828.	3.9	49
104	Selection against dam methylation sites in the genomes of DNA of enterobacteriophages. <i>Journal of Molecular Evolution</i> , 1985, 21, 317-322.	1.8	48
105	Microarray for molecular typing of Salmonella enterica serovars. <i>Molecular and Cellular Probes</i> , 2008, 22, 238-243.	2.1	46
106	High-Throughput Screening for <i>Salmonella</i> Avirulent Mutants That Retain Targeting of Solid Tumors. <i>Cancer Research</i> , 2010, 70, 2165-2170.	0.9	46
107	Hypochlorous acid and hydrogen peroxide-induced negative regulation of Salmonella enterica serovar Typhimurium ompW by the response regulator ArcA. <i>BMC Microbiology</i> , 2012, 12, 63.	3.3	46
108	Identification of Novel Factors Involved in Modulating Motility of Salmonella enterica Serotype Typhimurium. <i>PLoS ONE</i> , 2014, 9, e111513.	2.5	45

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109	Multidrug resistant <i>Mannheimia haemolytica</i> isolated from high-risk beef stocker cattle after antimicrobial metaphylaxis and treatment for bovine respiratory disease. <i>Veterinary Microbiology</i> , 2018, 221, 143-152.	1.9	45
110	Identification and Characterization of <i>Cronobacter</i> Iron Acquisition Systems. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6035-6050.	3.1	44
111	PhoP-Induced Genes within <i>Salmonella</i> Pathogenicity Island 1. <i>Journal of Bacteriology</i> , 2006, 188, 6889-6898.	2.2	43
112	<i>Salmonella</i> exploits Arl8B-directed kinesin activity to promote endosome tubulation and cell-to-cell transfer. <i>Cellular Microbiology</i> , 2011, 13, 1812-1823.	2.1	43
113	Requirement of Siderophore Biosynthesis for Plant Colonization by <i>Salmonella enterica</i> . <i>Applied and Environmental Microbiology</i> , 2012, 78, 4561-4570.	3.1	43
114	The frequency and distribution of methylatable DNA sequences in leguminous plant protein coding genes. <i>Journal of Molecular Evolution</i> , 1983, 19, 346-354.	1.8	42
115	Neural Membrane Protein 35 (NMP35): A Novel Member of a Gene Family Which Is Highly Expressed in the Adult Nervous System. <i>Molecular and Cellular Neurosciences</i> , 1998, 11, 260-273.	2.2	42
116	WebArrayDB: cross-platform microarray data analysis and public data repository. <i>Bioinformatics</i> , 2009, 25, 2425-2429.	4.1	41
117	Selection of <i>Salmonella enterica</i> Serovar Typhi Genes Involved during Interaction with Human Macrophages by Screening of a Transposon Mutant Library. <i>PLoS ONE</i> , 2012, 7, e36643.	2.5	41
118	Uncovering a Large Set of Genes That Affect Surface Motility in <i>Salmonella enterica</i> Serovar Typhimurium. <i>Journal of Bacteriology</i> , 2006, 188, 7981-7984.	2.2	40
119	Evaluation of Nested PCR in Detection of <i>Helicobacter pylori</i> Targeting a Highly Conserved Gene: <i>HSP60</i> . <i>Helicobacter</i> , 2008, 13, 30-34.	3.5	40
120	The <i>CorA</i> Mg <sup>2+</sup> Channel Is Required for the Virulence of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Journal of Bacteriology</i> , 2008, 190, 6517-6523.	2.2	40
121	A single step multiplex PCR for identification of six diarrheagenic <i>E. coli</i> pathotypes and <i>Salmonella</i> . <i>International Journal of Medical Microbiology</i> , 2013, 303, 210-216.	3.6	39
122	<i>rpoS</i> -Regulated Core Genes Involved in the Competitive Fitness of <i>Salmonella enterica</i> Serovar Kentucky in the Intestines of Chickens. <i>Applied and Environmental Microbiology</i> , 2015, 81, 502-514.	3.1	39
123	<i>Egr1</i> regulates the coordinated expression of numerous EGF receptor target genes as identified by ChIP-on-chip. <i>Genome Biology</i> , 2008, 9, R166.	9.6	38
124	Evolutionary Genomics of <i>Salmonella enterica</i> Subspecies. <i>MBio</i> , 2013, 4, .	4.1	38
125	Expression Changes in the Stroma of Prostate Cancer Predict Subsequent Relapse. <i>PLoS ONE</i> , 2012, 7, e41371.	2.5	38
126	Detection of a <i>Salmonella enterica</i> Serovar California Strain Spreading in Spanish Feed Mills and Genetic Characterization with DNA Microarrays. <i>Applied and Environmental Microbiology</i> , 2003, 69, 7531-7534.	3.1	37

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127	DNA Amplification and Rearrangements in Archival <i>Salmonella enterica</i> Serovar Typhimurium LT2 Cultures. <i>Journal of Bacteriology</i> , 2004, 186, 1678-1682.	2.2	37
128	Activity of DNA modification and restriction enzymes in KGB, a potassium glutamate buffer. <i>Gene Analysis Techniques</i> , 1988, 5, 105-107.	1.0	35
129	[18] Fingerprinting of DNA and RNA by arbitrarily primed polymerase chain reaction: Applications in cancer research. <i>Methods in Enzymology</i> , 1995, 254, 275-290.	1.0	35
130	Solid tumors provide niche-specific conditions that lead to preferential growth of <i>Salmonella</i> . <i>Oncotarget</i> , 2016, 7, 35169-35180.	1.8	35
131	Major transcript variants of VAV3, a new member of the VAV family of guanine nucleotide exchange factors. <i>Gene</i> , 2000, 245, 139-149.	2.2	34
132	Probing the ArcA regulon under aerobic/ROS conditions in <i>Salmonella enterica</i> serovar Typhimurium. <i>BMC Genomics</i> , 2013, 14, 626.	2.8	34
133	Genetic Determinants of <i>Salmonella enterica</i> Serovar Typhimurium Proliferation in the Cytosol of Epithelial Cells. <i>Infection and Immunity</i> , 2016, 84, 3517-3526.	2.2	34
134	Arbitrarily primed PCR fingerprints resolved on SSCP gels. <i>Nucleic Acids Research</i> , 1994, 22, 1770-1771.	14.5	33
135	Host Restriction of <i>Salmonella enterica</i> Serotype Typhimurium Pigeon Isolates Does Not Correlate with Loss of Discrete Genes. <i>Journal of Bacteriology</i> , 2004, 186, 2619-2628.	2.2	33
136	<i>Salmonella</i> Serovar Identification Using PCR-Based Detection of Gene Presence and Absence. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2581-2589.	3.9	33
137	Nitric Oxide Antagonizes the Acid Tolerance Response that Protects <i>Salmonella</i> against Innate Gastric Defenses. <i>PLoS ONE</i> , 2008, 3, e1833.	2.5	33
138	An Accurate Prostate Cancer Prognosticator Using a Seven-Gene Signature Plus Gleason Score and Taking Cell Type Heterogeneity into Account. <i>PLoS ONE</i> , 2012, 7, e45178.	2.5	33
139	Use of a promiscuous, constitutively-active bacterial enhancer-binding protein to define the $\sigma^{54}$ (RpoN) regulon of <i>Salmonella</i> Typhimurium LT2. <i>BMC Genomics</i> , 2013, 14, 602.	2.8	33
140	Analysis of the SOS Response in <i>Salmonella enterica</i> Serovar Typhimurium Using RNA Fingerprinting by Arbitrarily Primed PCR. <i>Journal of Bacteriology</i> , 2000, 182, 3490-3497.	2.2	32
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