Kinetic PCR Analysis: Real-time Monitoring of DNA Am

Nature Biotechnology 11, 1026-1030

DOI: 10.1038/nbt0993-1026

Citation Report

#	Article	IF	CITATIONS
1	Quantitation of residual white cells in filtered blood components by polymerase chain reaction amplification of HLA DQ-A DNA. Transfusion, 1994, 34, 986-994.	0.8	47
2	Improved quantitative PCR using nested primers Genome Research, 1994, 3, 332-337.	2.4	65
3	Strand displacement amplification as an in vitro model for rolling-circle replication: deletion formation and evolution during serial transfer Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 7937-7941.	3.3	34
4	Theoretical uncertainty of measurements using quantitative polymerase chain reaction. Biophysical Journal, 1996, 71, 101-108.	0.2	161
5	<title>Quantitative PCR by real-time detection</title> ., 1996,,.		8
6	Optimization of the performance of the polymerase chain reaction in silicon-based microstructures. Nucleic Acids Research, 1997, 25, 3164-3168.	6.5	119
7	Rat Liver Transcript Profiling in Normal and Disease States Using a Kinetic Polymerase Chain Reaction Assay. Methods, 1997, 13, 437-443.	1.9	10
8	The LightCycler TM : A Microvolume Multisample Fluorimeter with Rapid Temperature Control. BioTechniques, 1997, 22, 176-181.	0.8	877
9	Quantification of cytokine mRNA expression by RT PCR in samples of previously frozen blood. Journal of Immunological Methods, 1997, 210, 195-203.	0.6	166
10	New quantitative assay of Hepatitis B and C viruses by competitive PCR using alternative internal sequences. Journal of Virological Methods, 1997, 65, 299-305.	1.0	15
11	Machines for automated evolution experiments in vitro based on the serial-transfer concept. Biophysical Chemistry, 1997, 66, 193-202.	1.5	20
12	Zucchini yellow mosaic virus. Plant Pathology, 1997, 46, 809-829.	1.2	208
13	Product Differentiation by Analysis of DNA Melting Curves during the Polymerase Chain Reaction. Analytical Biochemistry, 1997, 245, 154-160.	1.1	1,395
14	Identification of Leptospira inadai by Continuous Monitoring of Fluorescence During Rapid Cycle PCR. Systematic and Applied Microbiology, 1998, 21, 89-96.	1.2	24
15	Advances in quantitative PCR technology: 5′ nuclease assays. Current Opinion in Biotechnology, 1998, 9, 43-48.	3.3	232
16	Advances in approaches to DNA-based diagnostics. Current Opinion in Biotechnology, 1998, 9, 602-608.	3.3	75
17	On-line polymerase chain reaction (PCR) monitoring. Journal of Proteomics, 1998, 37, 99-104.	2.4	2
18	Graft-versus-lymphoma effect of donor leucocyte infusion shown by real-time quantitative PCR analysis of $t(14;18)$. Lancet, The, 1998, 352, 1522-1523.	6.3	76

#	Article	IF	Citations
19	Novel 5′ Exonuclease-Based Real-Time PCR Assay for the Detection of t(14;18)(q32;q21) in Patients with Follicular Lymphoma. American Journal of Pathology, 1998, 153, 63-68.	1.9	114
20	Application of Nucleic Acid Amplification in Clinical Microbiology. , 1998, 92, 1-30.		18
21	Developments in Quantitative PCR. Clinical Chemistry and Laboratory Medicine, 1998, 36, 255-69.	1.4	286
22	Kinetics of competitive reverse transcriptase-PCR. , 1999, , 231-261.		2
23	Multiplex Relative RT-PCR Method for Verification of Differential Gene Expression. BioTechniques, 1999, 27, 1044-1052.	0.8	54
24	Kinetic PCR analysis using a CCD camera and without using oligonucleotide probes. , 1999, , 263-284.		14
25	Quantification of telomerase activity using kinetic telomeric repeat amplification protocol., 1999,, 285-294.		0
26	Cellular transcriptome analysis using a kinetic PCR assay. , 1999, , 429-444.		2
27	Rapid thermal cycling and PCR kinetics. , 1999, , 211-229.		11
28	End-Point Titration-PCR for Quantitation of Cytomegalovirus DNA. , 1999, 26, 119-130.		O
29	Multiplex detection of four pathogenic retroviruses using molecular beacons. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 6394-6399.	3.3	309
30	A Human Minor Histocompatibility Antigen Specific for B Cell Acute Lymphoblastic Leukemia. Journal of Experimental Medicine, 1999, 189, 301-308.	4.2	207
31	A Non-Radioactive Method for Inexpensive Quantitative RT-PCR. Biological Chemistry, 1999, 380, 695-697.	1.2	32
32	Reproducibility of detection of tyrosinase and MART-1 transcripts in the peripheral blood of melanoma patients: a quality control study using real-time quantitative RT-PCR. British Journal of Cancer, 1999, 80, 883-891.	2.9	77
33	Detection of Transgenes in Crop Plants Using Molecular Beacon Assays. Plant Molecular Biology Reporter, 1999, 17, 363-370.	1.0	13
34	Application of Nucleic Acid Amplification in Clinical Microbiology. Molecular Biotechnology, 1999, 12, 75-100.	1.3	35
35	COMPARISON OF C-MYC EXPRESSION IN NORMAL HUMAN BRONCHIAL EPITHELIAL CELLS AND LUNG CANCER CELL LINES USING A QUANTITATIVE FLUORESCENCE-BASED REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REACTION METHOD. , 1999, 9, 173-188.		3
36	Focus: Pinning down PCR Analytical Chemistry, 1999, 71, 191A-195A.	3.2	7

#	Article	IF	Citations
37	An in vitro model for peroxisome proliferation utilizing primary hepatocytes in sandwich culture. Toxicology in Vitro, 1999, 13, 265-273.	1.1	6
38	Identification of Leptospira biflexa by real-time homogeneous detection of rapid cycle PCR product. Journal of Microbiological Methods, 1999, 35, 23-30.	0.7	23
39	"Real-time―polymerase chain reaction. Gastroenterology, 1999, 116, 763-765.	0.6	12
40	Rapid Simultaneous Amplification and Detection of the MBR/JH Chromosomal Translocation by Fluorescence Melting Curve Analysis. American Journal of Pathology, 1999, 154, 97-103.	1.9	26
41	Quantitative analysis of gene amplification in insecticide-resistant Culex mosquitoes. Biochemical Journal, 2000, 346, 17.	1.7	46
42	Detection of PCR Products in Real Time Using Light-up Probes. Analytical Biochemistry, 2000, 287, 179-182.	1.1	79
43	Diagnosis of haploidy and triploidy based on measurement of gene copy number by real-time PCR. Human Mutation, 2000, 16, 431-436.	1.1	67
44	Monitoring hybridization during polymerase chain reaction. Biomedical Applications, 2000, 741, 3-13.	1.7	22
45	Genomics and proteomics. Journal of Pharmacological and Toxicological Methods, 2000, 44, 291-300.	0.3	69
46	Development of a real-time RT-PCR assay for plasma membrane calcium ATPase isoform 1 (PMCA1) mRNA levels in a human breast epithelial cell line. Journal of Pharmacological and Toxicological Methods, 2000, 44, 513-517.	0.3	3
47	Signaling lymphocytic activation molecule (SLAM) is differentially expressed in human Th1 and Th2 cells. Journal of Immunological Methods, 2000, 242, 9-19.	0.6	44
48	Semi-quantification of human C-C chemokine mRNAs with reverse transcription/real-time PCR using multi-specific standards. Journal of Immunological Methods, 2000, 241, 109-119.	0.6	38
49	Population Dynamics of Biocontrol Agents and Pathogens in Soils and Rhizospheres. European Journal of Plant Pathology, 2000, 106, 401-413.	0.8	60
50	BPV1 E2 Protein Enhances Packaging of Full-Length Plasmid DNA in BPV1 Pseudovirions. Virology, 2000, 272, 382-393.	1.1	27
51	Using the Fluorogenic 5′ Nuclease Assay for High-Throughput Detection of (CA) _n Repeats in Radiation Hybrid Mapping. BioTechniques, 2000, 28, 754-765.	0.8	3
52	Contamination and Sensitivity Issues with a Real-Time Universal 16S rRNA PCR. Journal of Clinical Microbiology, 2000, 38, 1747-1752.	1.8	406
53	Transcriptional Analysis of Multiple Sclerosis Brain Lesions Reveals a Complex Pattern of Cytokine Expression. Journal of Immunology, 2000, 165, 6576-6582.	0.4	145
54	The Impact of Genomics-Based Technologies on Drug Safety Evaluation. Annual Review of Pharmacology and Toxicology, 2000, 40, 335-352.	4.2	48

#	Article	IF	CITATIONS
55	Transcript quantitation in total yeast cellular RNA using kinetic PCR. Nucleic Acids Research, 2000, 28, 2e-2.	6.5	37
56	Highly Altered \hat{V}^2 Repertoire of T Cells Infiltrating Long-Term Rejected Kidney Allografts. Journal of Immunology, 2000, 164, 1553-1563.	0.4	60
57	Discovery and Molecular Characterization of West Nile Virus NY 1999. Viral Immunology, 2000, 13, 435-446.	0.6	12
58	Quantification of mRNA in single oocytes and embryos by real-time rapid cycle fluorescence monitored RT–PCR. Molecular Human Reproduction, 2000, 6, 448-453.	1.3	82
59	Overexpression of Murine Pax3 Increases NCAM Polysialylation in a Human Medulloblastoma Cell Line. Journal of Biological Chemistry, 2000, 275, 23259-23266.	1.6	46
60	High-Throughput SNP Allele-Frequency Determination in Pooled DNA Samples by Kinetic PCR. Genome Research, 2000, 10, 258-266.	2.4	384
61	Distinct Regulation of Vascular Endothelial Growth Factor in Intact Human Conduit Vessels Exposed to Laminar Fluid Shear Stress and Pressure. Biochemical and Biophysical Research Communications, 2000, 272, 490-496.	1.0	45
62	Hormonal Control of mRNA Expression of Immunoglobulin Binding Factor in Uterine Cervix. Biochemical and Biophysical Research Communications, 2000, 279, 898-903.	1.0	4
63	Effects of ethidium bromide and SYBR® Green I on different polymerase chain reaction systems. Journal of Proteomics, 2000, 42, 15-29.	2.4	67
64	Quantitation of Bacteroides forsythus in subgingival plaque. Journal of Microbiological Methods, 2000, 39, 97-107.	0.7	65
65	DNA-based methods for food authentication. Trends in Food Science and Technology, 2000, 11, 67-77.	7.8	298
66	Glyceraldehyde-3-phosphate dehydrogenase gene expression in human breast cancer. European Journal of Cancer, 2000, 36, 1038-1042.	1.3	140
67	Detection of West Nile virus sequences in cerebrospinal fluid. Lancet, The, 2000, 355, 1614-1615.	6.3	107
68	Absolute quantification of mRNA using real-time reverse transcription polymerase chain reaction assays. Journal of Molecular Endocrinology, 2000, 25, 169-193.	1.1	3,314
69	Rapid Cycle Real-Time PCR: Methods and Applications. , 2001, , 1-8.		71
70	PRINCIPLES OF MOLECULAR MICROBIOLOGY TESTING METHODS. Infectious Disease Clinics of North America, 2001, 15, 1157-1204.	1.9	88
71	Human pancreatic acinar cells lack functional responses to cholecystokinin and gastrin. Gastroenterology, 2001, 121, 1380-1390.	0.6	134
72	Fluorescently labeled model DNA sequences for exonucleolytic sequencing. Journal of Biotechnology, 2001, 86, 203-224.	1.9	34

#	ARTICLE	IF	Citations
73	Detection of Loop-Mediated Isothermal Amplification Reaction by Turbidity Derived from Magnesium Pyrophosphate Formation. Biochemical and Biophysical Research Communications, 2001, 289, 150-154.	1.0	1,437
74	Expression of the 67kDa Laminin Receptor (67LR) during Retinal Development: Correlations with Angiogenesis. Experimental Eye Research, 2001, 73, 81-92.	1.2	20
75	Real-time RT-PCR for the Detection of Beta-adrenoceptor Messenger RNAs in Small Human Endomyocardial Biopsies. Journal of Molecular and Cellular Cardiology, 2001, 33, 2121-2133.	0.9	77
76	Real-Time Multiplex PCR Assays. Methods, 2001, 25, 430-442.	1.9	262
77	Use of Real-Time Quantitative PCR to Validate the Results of cDNA Array and Differential Display PCR Technologies. Methods, 2001, 25, 443-451.	1.9	273
78	Solution-Based Scanning for Single-Base Alterations Using a Double-Stranded DNA Binding Dye and Fluorescence-Melting Profiles. American Journal of Pathology, 2001, 159, 845-853.	1.9	10
79	A Novel Strategy for Human Papillomavirus Detection and Genotyping with SybrGreen and Molecular Beacon Polymerase Chain Reaction. American Journal of Pathology, 2001, 159, 1651-1660.	1.9	52
80	The R22X Mutation of the SDHD Gene in Hereditary Paraganglioma Abolishes the Enzymatic Activity of Complex II in the Mitochondrial Respiratory Chain and Activates the Hypoxia Pathway. American Journal of Human Genetics, 2001, 69, 1186-1197.	2.6	339
81	Validation of Array-Based Gene Expression Profiles by Real-Time (Kinetic) RT-PCR. Journal of Molecular Diagnostics, 2001, 3, 26-31.	1.2	280
82	Comparison between Taq DNA Polymerase and Its Stoffel Fragment for Quantitative Real-Time PCR with Hybridization Probes. BioTechniques, 2001, 30, 1052-1062.	0.8	24
83	Small-Sample Total RNA Purification: Laser Capture Microdissection and Cultured Cell Applications. BioTechniques, 2001, 30, 1358-1361.	0.8	30
84	Diagnosis and monitoring of human cytomegalovirus infection in transplant recipients. Reviews in Medical Microbiology, 2001, 12, 155-175.	0.4	12
85	<title>Light-up-probe-based real-time Q-PCR</title> ., 2001, 4264, 53.		6
86	Efficiency of delivery of DNA to cells by bovine papillomavirus type-1 L1/L2 pseudovirions. Applied Microbiology and Biotechnology, 2001, 56, 150-156.	1.7	4
87	Kinetics of fetal cellular and cell-free DNA in the maternal circulation during and after pregnancy: implications for noninvasive prenatal diagnosis. Transfusion, 2001, 41, 1524-1530.	0.8	244
88	Tracking membrane and secretory immunoglobulin α heavy chain mRNA variation during Bâ€cell differentiation by realâ€time quantitative polymerase chain reaction. Immunology and Cell Biology, 2001, 79, 472-481.	1.0	22
89	Fluorescein-Labeled Oligonucleotides for Real-Time PCR: Using the Inherent Quenching of Deoxyguanosine Nucleotides. Analytical Biochemistry, 2001, 290, 89-97.	1.1	232
90	Quantification of Escherichia coli Genomic DNA Contamination in Recombinant Protein Preparations by Polymerase Chain Reaction and Affinity-Based Collection. Analytical Biochemistry, 2001, 296, 114-121.	1.1	14

#	Article	IF	CITATIONS
91	Identification and Validation of Endogenous Reference Genes for Expression Profiling of T Helper Cell Differentiation by Quantitative Real-Time RT-PCR. Analytical Biochemistry, 2001, 299, 63-70.	1.1	225
92	Quantitation of Na+-K+-2Clâ° Cotransport Splice Variants in Human Tissues Using Kinetic Polymerase Chain Reaction. Analytical Biochemistry, 2001, 298, 218-230.	1.1	48
93	High-Throughput Genetic Analysis Using Time-Resolved Fluorometry and Closed-Tube Detection. Analytical Biochemistry, 2001, 299, 211-217.	1.1	31
94	A new mathematical model for relative quantification in real-time RT-PCR. Nucleic Acids Research, 2001, 29, 45e-45.	6.5	28,594
95	Title is missing!. European Journal of Plant Pathology, 2001, 107, 905-917.	0.8	83
96	Multiple sclerosis: Genomic rewards. Journal of Neuroimmunology, 2001, 113, 171-184.	1.1	123
97	Detection of malaria liver-stages in mice infected through the bite of a single Anopheles mosquito using a highly sensitive real-time PCR. International Journal for Parasitology, 2001, 31, 1499-1502.	1.3	197
98	Measurement of tumor necrosis factor-α messenger RNA in synovial fibroblasts by real-time quantitative reverse transcriptase–polymerase chain reaction. Translational Research, 2001, 137, 101-106.	2.4	12
99	Molecular characteristics of non-small cell lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 15203-15208.	3.3	119
100	Cellular Activation of MMP-2 (Gelatinase A) by MT2-MMP Occurs via a TIMP-2-independent Pathway. Journal of Biological Chemistry, 2001, 276, 47402-47410.	1.6	156
101	Single Rapid Real-Time Monitored Isothermal RNA Amplification Assay for Quantification of Human Immunodeficiency Virus Type 1 Isolates from Groups M, N, and O. Journal of Clinical Microbiology, 2001, 39, 1378-1384.	1.8	71
102	Quantification of splice variants using real-time PCR. Nucleic Acids Research, 2001, 29, 68e-68.	6.5	119
103	N-Methyl-d-Aspartic Acid Receptor Expression in the Dorsolateral Prefrontal Cortex of Elderly Patients With Schizophrenia. American Journal of Psychiatry, 2001, 158, 1400-1410.	4.0	174
104	Automated Multiplex Assay System for Simultaneous Detection of Hepatitis B Virus DNA, Hepatitis C Virus RNA, and Human Immunodeficiency Virus Type 1 RNA. Journal of Clinical Microbiology, 2001, 39, 2937-2945.	1.8	71
105	Detection of Rifampin Resistance in Mycobacterium tuberculosis in a Single Tube with Molecular Beacons. Journal of Clinical Microbiology, 2001, 39, 4131-4137.	1.8	163
106	Microarray Analysis Detects Novel Pax3 Downstream Target Genes. Journal of Biological Chemistry, 2001, 276, 49299-49309.	1.6	108
107	Assessment of Helicobacter pylori Gene Expression within Mouse and Human Gastric Mucosae by Real-Time Reverse Transcriptase PCR. Infection and Immunity, 2001, 69, 4759-4766.	1.0	52
108	Selection of reference genes for normalization of quantitative real-time PCR in cell cultures of Cyclamen persicum. Electronic Journal of Biotechnology, 2001, 14, .	1.2	7

#	ARTICLE	IF	CITATIONS
109	Simultaneous A8344G heteroplasmy and mitochondrial DNA copy number quantification in Myoclonus Epilepsy and Ragged-Red Fibers (MERRF) syndrome by a multiplex Molecular Beacon based real-time fluorescence PCR. Nucleic Acids Research, 2001, 29, 13e-13.	6.5	84
110	Rapid and Accurate Identification of Coagulase-Negative Staphylococci by Real-Time PCR. Journal of Clinical Microbiology, 2001, 39, 3047-3051.	1.8	53
111	Fluorescent quenching-based quantitative detection of specific DNA/RNA using a BODIPY(R) FL-labeled probe or primer. Nucleic Acids Research, 2001, 29, 34e-34.	6.5	181
112	Upregulation of Meis1 and HoxA9 in acute lymphocytic leukemias with the t(4 : 11) abnormality. Oncogene, 2001, 20, 874-878.	2.6	154
113	Quantitative Detection of AML1-ETO Rearrangement by Real-Time RT-PCR Using Fluorescently Labeled Probes. Leukemia and Lymphoma, 2001, 42, 747-756.	0.6	18
114	Sensitive and direct detection using rupture event scanning (REVS/spl trade/)., 0,,.		0
115	Differential Expression of Virulence-Related Genes in Enterococcus faecalis in Response to Biological Cues in Serum and Urine. Infection and Immunity, 2002, 70, 4344-4352.	1.0	110
116	Quantification of Human Immunodeficiency Virus Type 1 Proviral DNA by Using TaqMan Technology. Journal of Clinical Microbiology, 2002, 40, 675-678.	1.8	38
117	Multiplex quantitative PCR using self-quenched primers labeled with a single fluorophore. Nucleic Acids Research, 2002, 30, 37e-37.	6.5	235
118	Quantification of Substance P mRNA in Human Immune Cells by Real-Time Reverse Transcriptase PCR Assay. Vaccine Journal, 2002, 9, 138-143.	3.2	19
119	Detection and quantification of mitochondrial DNA deletions in individual cells by real-time PCR. Nucleic Acids Research, 2002, 30, 68e-68.	6.5	279
120	A mouse strain defective for alphabeta versus gammadelta T cell lineage commitment. International Immunology, 2002, 14, 1039-1053.	1.8	7
121	A novel medium throughput quantitative competitive PCR technology to simultaneously measure mRNA levels from multiple genes. Nucleic Acids Research, 2002, 30, 20e-20.	6.5	16
122	Biodistribution and Retention Time of Retrovirally Labeled T Lymphocytes in Mice is Strongly Influenced by the Culture Period Before Infusion. Journal of Immunotherapy, 2002, 25, 385-395.	1.2	10
123	P2 Receptor Expression Profiles in Human Vascular Smooth Muscle and Endothelial Cells. Journal of Cardiovascular Pharmacology, 2002, 40, 841-853.	0.8	191
124	Extraction and Amplification of DNA From Formalin-Fixed, Paraffin-Embedded Tissues. Applied Immunohistochemistry and Molecular Morphology, 2002, 10, 269-274.	0.6	62
125	Title is missing!. Applied Immunohistochemistry & Molecular Morphology, 2002, 10, 269-274.	2.0	24
126	Quantitative Real-time PCR: A Critique of Method and Practical Considerations. Hematology, 2002, 7, 59-67.	0.7	22

#	Article	IF	CITATIONS
127	MOLECULAR TECHNIQUES FOR STUDYING GENE EXPRESSION IN CARCINOGENESIS. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2002, 20, 77-116.	2.9	34
128	Cross-Talk between Mesenchyme and Epithelium Increases H19 Gene Expression during Scattering and Morphogenesis of Epithelial Cells. Experimental Cell Research, 2002, 275, 215-229.	1.2	39
129	A method for the rapid construction of cRNA standard curves in quantitative real-time reverse transcription polymerase chain reaction. Molecular and Cellular Probes, 2002, 16, 99-110.	0.9	195
130	Influence of reagents formulation on real-time PCR parameters. Molecular and Cellular Probes, 2002, 16, 257-260.	0.9	32
131	Molecular diagnosis of viral hepatitis. Gastroenterology, 2002, 122, 1554-1568.	0.6	214
132	Accurate normalization of real-time quantitative RT-PCR data by geometric averaging of multiple internal control genes. Genome Biology, 2002, 3, research0034.1.	13.9	16,304
133	Primer on Medical Genomics Part II: Background Principles and Methods in Molecular Genetics. Mayo Clinic Proceedings, 2002, 77, 785-808.	1.4	27
134	Relative expression software tool (REST(C)) for group-wise comparison and statistical analysis of relative expression results in real-time PCR. Nucleic Acids Research, 2002, 30, 36e-36.	6.5	6,443
135	Diagnosis and Management of Human Cytomegalovirus Infection in the Mother, Fetus, and Newborn Infant. Clinical Microbiology Reviews, 2002, 15, 680-715.	5.7	516
136	Large-scale gene-expression studies and the challenge of multiple sclerosis. Genome Biology, 2002, 3, reviews1027.1.	13.9	13
137	Telomere measurement by quantitative PCR. Nucleic Acids Research, 2002, 30, 47e-47.	6.5	2,841
138	A sensitive and economical method to directly detect particles. , 0, , .		0
139	5 Measuring human cytokine responses. Methods in Microbiology, 2002, 32, 707-749.	0.4	6
140	Quantification of Common Wheat Adulteration of Durum Wheat Pasta Using Real-Time Quantitative Polymerase Chain Reaction (PCR). Cereal Chemistry, 2002, 79, 553-558.	1.1	46
141	UCP1 muscle gene transfer and mitochondrial proton leak mediated thermogenesis. Archives of Biochemistry and Biophysics, 2002, 404, 166-171.	1.4	12
142	From PCR to RCA: a surgical trainee's guide to the techniques of genetic amplification. European Journal of Surgical Oncology, 2002, 28, 554-556.	0.5	1
143	Determining the One, Two, Three, or Four Long and Short Loci of Human Complement C4 in a Major Histocompatibility Complex Haplotype Encoding C4A or C4B Proteins. American Journal of Human Genetics, 2002, 71, 810-822.	2.6	54
144	Identification and characterization of transcription factor target genes using gene-targeted mice. Methods, 2002, 26, 57-75.	1.9	10

#	Article	IF	Citations
145	Comparison of simplex and duplex real-time PCR for the quantification of GMO in maize and soybean. Food Control, 2002, 13, 235-244.	2.8	49
146	The quantification of gene expression in an animal model of brain ischaemia using TaqManâ,,¢ real-time RT-PCR. Molecular Brain Research, 2002, 106, 101-116.	2.5	77
147	Sexually dimorphic expression of prepro-orexin mRNA in the rat hypothalamus. Peptides, 2002, 23, 1177-1180.	1.2	91
148	Use of both 16S rRNA and engineered functional genes with real-time PCR to quantify an engineered, PCB-degrading Rhodococcus in soil. Journal of Microbiological Methods, 2002, 51, 181-189.	0.7	26
149	Real-time PCR in virology. Nucleic Acids Research, 2002, 30, 1292-1305.	6.5	1,041
150	Molecular methods for diagnosis of infective endocarditis. Infectious Disease Clinics of North America, 2002, 16, 393-412.	1.9	56
151	Quantification of bcl-2/JH Fusion Sequences and a Control Gene by Multiplex Real-Time PCR Coupled with Automated Amplicon Sizing by Capillary Electrophoresis. Journal of Molecular Diagnostics, 2002, 4, 223-229.	1.2	17
152	Fluorescence PCR Quantification of Cyclin D1 Expression. Journal of Molecular Diagnostics, 2002, 4, 90-96.	1.2	17
153	Quantitative Real-Time RT-PCR Using Hybridization Probes and Imported Standard Curves for Cytokine Gene Expression Analysis. BioTechniques, 2002, 33, 1078-1089.	0.8	33
154	Evaluation of a Homemade SYBR $<$ sup $>$ Â $^{\odot}<$ /sup $>$ Green I Reaction Mixture for Real-Time PCR Quantification of Gene Expression. BioTechniques, 2002, 32, 790-796.	0.8	148
155	Plasmodium vivax: parasitemia determination by real-time quantitative PCR in Aotus monkeys. Experimental Parasitology, 2002, 100, 131-134.	0.5	17
156	Molecular biology techniques in parasite ecology. International Journal for Parasitology, 2002, 32, 551-562.	1.3	40
157	Complex $t(X;18)(p11.2;q11.2)$ with a pericentric inversion of the X chromosome in an adolescent boy with synovial sarcoma. Cancer Genetics and Cytogenetics, 2002, 132, 136-140.	1.0	8
158	Detection of equine arteritis virus by real-time TaqMan \hat{A}^{\otimes} reverse transcription-PCR assay. Journal of Virological Methods, 2002, 101, 21-28.	1.0	72
159	Real-time RT-PCR for quantitation of hepatitis C virus RNA. Journal of Virological Methods, 2002, 102, 119-128.	1.0	84
160	Development and assessment of a novel real-time PCR assay for quantitation of HBV DNA. Journal of Virological Methods, 2002, 103, 201-212.	1.0	68
161	Use of real-time PCR to measure Epstein–Barr virus genomes in whole blood. Journal of Immunological Methods, 2002, 270, 259-267.	0.6	32
162	Gene quantification using real-time quantitative PCR. Experimental Hematology, 2002, 30, 503-512.	0.2	1,119

#	Article	IF	CITATIONS
163	Genotyping gene-trap mutant mice by real-time PCR. Technical Tips Online, 2002, 7, 6-8.	0.2	1
164	Elimination of Primer–Dimer Artifacts and Genomic Coamplification Using a Two-Step SYBR Green I Real-Time RT-PCR. Analytical Biochemistry, 2002, 303, 95-98.	1.1	201
165	Quantitative molecular monitoring of residual tumor cells in chronic lymphocytic leukemia. Annals of Hematology, 2002, 81, 258-266.	0.8	19
166	Enumeration of Megasphaera elsdenii in rumen contents by real-time Taq nuclease assay. Journal of Applied Microbiology, 2002, 92, 753-758.	1.4	90
167	Quantitation of residual WBCs in filtered blood components by high-throughput, real-time kinetic PCR. Transfusion, 2002, 42, 87-93.	0.8	18
168	Development of real-time NASBA assays with molecular beacon detection to quantify mRNA coding for HHV-8 lytic and latent genes. BMC Infectious Diseases, 2002, 2, 18.	1.3	39
169	Real-time RT-PCR analysis of mRNA decay: half-life of Beta-actin mRNA in human leukemia CCRF-CEM and Nalm-6 cell lines. Cancer Cell International, 2002, 2, 1.	1.8	77
170	Nucleic acid amplification technology methods used in blood donor screening. Transfusion Medicine, 2002, 12, 229-242.	0.5	32
171	Quantification of human mitochondrial DNA in a real time PCR. Forensic Science International, 2002, 126, 34-39.	1.3	64
172	Quantification of CK20 gene and protein expression in colorectal cancer by RT-PCR and immunohistochemistry reveals inter- and intratumour heterogeneity. Journal of Pathology, 2002, 198, 198-206.	2.1	26
173	PCR-BASED FLUORESCENT METHOD FOR RAPID DETECTION OF SALMONELLA TYPHIMURIUM IN POULTRY SAMPLES. Journal of Rapid Methods and Automation in Microbiology, 2002, 10, 83-92.	0.4	2
174	A heater-integrated transparent microchannel chip for continuous-flow PCR. Sensors and Actuators B: Chemical, 2002, 84, 283-289.	4.0	179
175	Skeletal muscle heterogeneity in fasting-induced upregulation of genes encoding UCP2, UCP3, PPARÎ ³ and key enzymes of lipid oxidation. Pflugers Archiv European Journal of Physiology, 2002, 445, 80-86.	1.3	43
176	MEMS for Bio-Assays. Biomedical Microdevices, 2002, 4, 77-87.	1.4	10
177	The Use of Hydrolysis and Hairpin Probes in Real-Time PCR. Molecular Biotechnology, 2003, 25, 267-274.	1.3	13
179	Real time RT-PCR quantification and Northern analysis of cerato-ulmin (CU) gene transcription in different strains of the phytopathogens Ophiostoma ulmi and O. novo-ulmi. Molecular Genetics and Genomics, 2003, 269, 789-796.	1.0	12
180	Gene expression and the myth of the average cell. Trends in Cell Biology, 2003, 13, 4-6.	3 . 6	242
181	Bias and artifacts in multitemplate polymerase chain reactions (PCR). Journal of Bioscience and Bioengineering, 2003, 96, 317-323.	1.1	451

#	Article	IF	Citations
182	Development and validation of a real-time PCR assay for the detection and quantitation of p53 recombinant adenovirus in clinical samples from patients treated with Ad5CMV-p53 (INGN 201). Journal of Virological Methods, 2003, 114, 55-64.	1.0	13
183	Cytokine expression in respiratory syncytial virus-infected mice as measured by quantitative reverse-transcriptase PCR. Journal of Virological Methods, 2003, 107, 141-146.	1.0	30
184	Simultaneous detection of Escherichia coli O157:H7, Listeria monocytogenes and Salmonella strains by real-time PCR. International Journal of Food Microbiology, 2003, 84, 217-224.	2.1	153
185	Differential expression of IFN-α subtypes in human PBMC: evaluation of novel real-time PCR assays. Journal of Immunological Methods, 2003, 276, 207-222.	0.6	57
186	Accurate and statistically verified quantification of relative mRNA abundances using SYBR Green I and real-time RT-PCR. Journal of Immunological Methods, 2003, 283, 291-306.	0.6	94
187	Area under the curve as a dose metric for promotional responses following 2,3,7,8-tetrachlorodibenzo-p-dioxin exposure. Toxicology and Applied Pharmacology, 2003, 191, 12-21.	1.3	6
188	CCR6 has a non-redundant role in the development of inflammatory bowel disease. European Journal of Immunology, 2003, 33, 2937-2946.	1.6	338
189	Real-Time Polymerase Chain Reaction. ChemBioChem, 2003, 4, 1120-1128.	1.3	291
190	Quantitation of gene expression in neural precursors by reverse-transcription polymerase chain reaction using self-quenched, fluorogenic primers. Analytical Biochemistry, 2003, 315, 95-105.	1.1	58
191	Validation of an algorithm for automatic quantification of nucleic acid copy numbers by real-time polymerase chain reaction. Analytical Biochemistry, 2003, 317, 218-225.	1.1	50
192	Amplification efficiency of thermostable DNA polymerases. Analytical Biochemistry, 2003, 321, 226-235.	1.1	123
193	Duplex probes: a new approach for the detection of specific nucleic acids in homogenous assays. Analytica Chimica Acta, 2003, 491, 135-143.	2.6	20
194	A fluorescent based PCR assay for the detection and quantitation of Giardia duodenalis genotypes in mixed populations. Infection, Genetics and Evolution, 2003, 3, 97-102.	1.0	5
195	Influence of zinc deficiency on the mRNA expression of zinc transporters in adult rats. Journal of Trace Elements in Medicine and Biology, 2003, 17, 97-106.	1.5	42
196	Quantification of Cytokine Gene Expression Using an Economical Real-Time Polymerase Chain Reaction Method Based on SYBRR Green I. Scandinavian Journal of Immunology, 2003, 57, 439-445.	1.3	49
197	Quantitative real time polymerase chain reaction for measurement of human interleukin-5 receptor alpha spliced isoforms mRNA. BMC Biotechnology, 2003, 3, 17.	1.7	18
198	RNA editing and alternative splicing of human serotonin 2C receptor in schizophrenia. Journal of Neurochemistry, 2003, 87, 1402-1412.	2.1	71
199	A single adeno-associated virus (AAV)-murine factor VIII vector partially corrects the hemophilia A phenotype. Journal of Thrombosis and Haemostasis, 2003, 1, 220-226.	1.9	60

#	Article	IF	CITATIONS
200	Overexpression of Raidd cDNA inhibits differentiation of mouse preadipocytes. Cell Proliferation, 2003, 36, 45-54.	2.4	7
201	Expression of cyclins A, E and topoisomerase II alpha correlates with centrosome amplification and genomic instability and influences the reliability of cytometric S-phase determination. BMC Cell Biology, 2003, 4, 8.	3.0	11
202	Monitoring NF-κB Transactivation Potential Via Real-Time PCR Quantification of lκB-α Gene Expression. Molecular Diagnosis and Therapy, 2003, 7, 187-194.	1.3	36
203	Hybridization-Induced Dequenching of Fluorescein-Labeled Oligonucleotides. American Journal of Pathology, 2003, 163, 29-35.	1.9	28
204	Molecular Profiling of Hepatocellular Carcinomas (HCC) Using a Large-Scale Real-Time RT-PCR Approach. American Journal of Pathology, 2003, 163, 733-741.	1.9	90
205	Improved detection and quantification of mouse cytomegalovirus by real-time PCR. Virus Research, 2003, 98, 17-25.	1.1	27
206	An optimistic view for quantifying mRNA in post-mortem human brain. Molecular Brain Research, 2003, 116, 7-16.	2.5	48
207	Characterization of AOC2 gene encoding a copper-binding amine oxidase expressed specifically in retina. Gene, 2003, 318, 45-53.	1.0	15
208	Real-time quantitative RT-PCR for low-abundance transcripts in the inner ear: analysis of neurotrophic factor expression. Hearing Research, 2003, 185, 97-108.	0.9	51
209	SMART amplification maintains representation of relative gene expression: quantitative validation by real time PCR and application to studies of alcoholic liver disease in primates. Journal of Proteomics, 2003, 55, 53-66.	2.4	61
210	Association and Interaction of the IL4R, IL4, and IL13 Loci with Type 1 Diabetes among Filipinos. American Journal of Human Genetics, 2003, 72, 1505-1514.	2.6	70
211	Real-time PCR for quantitative meat species testing. Food Control, 2003, 14, 579-583.	2.8	94
212	Differential gene expression analysis in fish exposed to endocrine disrupting compounds. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 136, 149-161.	0.7	49
213	Molecular analysis of cerebrospinal fluid in viral diseases of the central nervous system. Journal of Clinical Virology, 2003, 26, 1-28.	1.6	60
214	Experimental validation of novel and conventional approaches to quantitative real-time PCR data analysis. Nucleic Acids Research, 2003, 31, 73e-73.	6.5	754
215	Standardized determination of real-time PCR efficiency from a single reaction set-up. Nucleic Acids Research, 2003, 31, 122e-122.	6.5	372
216	Hypoxia rapidly activates HIFâ€3α mRNA expression. FASEB Journal, 2003, 17, 1-19.	0.2	167
217	Determination of Yeast DNA Based on Its Quenching the Fluorescence Emission of Norfloxacin. Analytical Letters, 2003, 36, 1351-1364.	1.0	23

#	Article	IF	CITATIONS
218	Monitoring of Developing Graft-Versus-Host Disease Mediated by Herpes Simplex Virus Thymidine Kinase Gene-Transduced T Cells. Human Gene Therapy, 2003, 14, 341-351.	1.4	5
219	Tissue production of pro-inflammatory cytokines (IL-1Â, TNFÂ and IL-6) correlates with the intensity of the systemic inflammatory response and with corticosteroid requirements in giant-cell arteritis. British Journal of Rheumatology, 2003, 43, 294-301.	2.5	237
220	A novel real-time quantitative PCR method using attached universal template probe. Nucleic Acids Research, 2003, 31, 123e-123.	6.5	79
221	Infection of Cattle with a Bovine Herpesvirus 1 Strain That Contains a Mutation in the Latency-Related Gene Leads to Increased Apoptosis in Trigeminal Ganglia during the Transition from Acute Infection to Latency. Journal of Virology, 2003, 77, 4848-4857.	1.5	77
222	Candidate DNA replication initiation regions at human trinucleotide repeat disease loci. Human Molecular Genetics, 2003, 12, 1021-1028.	1.4	28
223	RTPrimerDB: the Real-Time PCR primer and probe database. Nucleic Acids Research, 2003, 31, 122-123.	6.5	240
224	Real-Time PCR-Based System for Simultaneous Quantification of Human Papillomavirus Types Associated with High Risk of Cervical Cancer. Journal of Clinical Microbiology, 2003, 41, 3221-3228.	1.8	103
225	Role of Vascular Endothelial Growth Factor and Placental Growth Factors During Retinal Vascular Development and Hyaloid Regression., 2003, 44, 839.		70
226	Nuclear matrix association of the human \hat{A} -globin locus utilizing a novel approach to quantitative real-time PCR. Nucleic Acids Research, 2003, 31, 3257-3266.	6.5	43
227	Demonstration of preferential binding of SYBR Green I to specific DNA fragments in real-time multiplex PCR. Nucleic Acids Research, 2003, 31, 136e-136.	6.5	207
228	Mathematics of quantitative kinetic PCR and the application of standard curves. Nucleic Acids Research, 2003, 31, 93e-93.	6.5	441
229	Exponential DNA Replication by Laminar Convection. Physical Review Letters, 2003, 91, 158103.	2.9	122
230	Gene expression analysis using single molecule detection. Nucleic Acids Research, 2003, 31, 89e-89.	6. 5	48
231	Real-Time Reverse Transcription-PCR Analysis of Expression of Halobenzoate and Salicylate Catabolism-Associated Operons in Two Strains of Pseudomonas aeruginosa. Applied and Environmental Microbiology, 2003, 69, 2269-2275.	1.4	33
232	Coordinated Adenine Nucleotide Phosphohydrolysis and Nucleoside Signaling in Posthypoxic Endothelium. Journal of Experimental Medicine, 2003, 198, 783-796.	4.2	444
233	Absence of CCR8 Does Not Impair the Response to Ovalbumin-Induced Allergic Airway Disease. Journal of Immunology, 2003, 170, 2138-2146.	0.4	92
234	Strain Variation in an Emerging Iridovirus of Warm-Water Fishes. Journal of Virology, 2003, 77, 8812-8818.	1.5	53
235	Real-time PCR-based method for the estimation of genome sizes. Nucleic Acids Research, 2003, 31, 56e-56.	6.5	94

#	Article	IF	CITATIONS
236	Expression of the Pseudomonas putida OCT Plasmid Alkane Degradation Pathway Is Modulated by Two Different Global Control Signals: Evidence from Continuous Cultures. Journal of Bacteriology, 2003, 185, 4772-4778.	1.0	56
237	Activity and Protein Expression of Na+/K+ATPase Are Reduced in Microvillous Syncytiotrophoblast Plasma Membranes Isolated from Pregnancies Complicated by Intrauterine Growth Restriction. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2831-2837.	1.8	77
238	Biosensing using rupture event scanning (REVS)Â. Measurement Science and Technology, 2003, 14, 1888-1893.	1.4	19
239	IUGR Alters Postnatal Rat Skeletal Muscle Peroxisome Proliferator-Activated Receptor-Î ³ Coactivator-1 Gene Expression in a Fiber Specific Manner. Pediatric Research, 2003, 53, 994-1000.	1.1	44
240	FGF-2 Stimulation Affects Calvarial Osteoblast Biology: Quantitative Analysis of Nine Genes Important for Cranial Suture Biology by Real-Time Reverse Transcription Polymerase Chain Reaction. Plastic and Reconstructive Surgery, 2003, 112, 528-539.	0.7	24
241	Increased Exopolysaccharide Production in Lactococcus lactis due to Increased Levels of Expression of the NIZO B40 eps Gene Cluster. Applied and Environmental Microbiology, 2003, 69, 5029-5031.	1.4	53
242	A rational use of laboratory tests in the diagnosis and management of hepatitis C virus infection. Annals of Hepatology, 2003, 2, 76-83.	0.6	11
243	SoFAR: Software for Fully Automatic Evaluation of Real-Time PCR Data. BioTechniques, 2003, 34, 324-332.	0.8	33
244	Real-time PCR provides improved detection and titer determination of bacteriophage. BioTechniques, 2003, 35, 368-375.	0.8	34
245	Microarrays, antiobesity and the liver. Annals of Hepatology, 2004, 3, 137-145.	0.6	5
246	Real-Time Nucleic Acid–Based Detection Methods for Pathogenic Bacteria in Food. Journal of Food Protection, 2004, 67, 823-832.	0.8	131
247	Detection of mRNA by In Situ Hybridization and RT-PCR. Methods in Cell Biology, 2004, 74, 601-620.	0.5	42
248	Circulating DNA Analysis: Protocols and Clinical Applications Using Taqman Assays., 2004, 97, 217-236.		1
249	Sigmoidal curve-fitting redefines quantitative real-time PCR with the prospective of developing automated high-throughput applications. Nucleic Acids Research, 2004, 32, e178-e178.	6.5	173
250	Regulation of Estrogen Receptor (ER) Isoform Messenger RNA Expression by Different ER Ligands in Female Rat Pituitary 1. Biology of Reproduction, 2004, 70, 671-678.	1.2	52
251	Expression of A3Adenosine Receptors in Human Lymphocytes: Up-Regulation in T Cell Activation. Molecular Pharmacology, 2004, 65, 711-719.	1.0	86
252	Rapid Quantification of Drug Resistance Gene Expression in Candida albicans by Reverse Transcriptase LightCycler PCR and Fluorescent Probe Hybridization. Journal of Clinical Microbiology, 2004, 42, 2085-2093.	1.8	29
253	The effect of stress withdrawal on gene expression and certain biochemical and cell biological properties of peroxideâ€conditioned cell lines. FASEB Journal, 2004, 18, 480-488.	0.2	37

#	Article	IF	CITATIONS
254	Identification on Mouse Chromosome 8 of New \hat{l}^2 -Defensin Genes with Regionally Specific Expression in the Male Reproductive Organ. Journal of Biological Chemistry, 2004, 279, 12421-12426.	1.6	31
255	Quantitative Detection of Listeria monocytogenes and Listeria innocua by Real-Time PCR: Assessment of hly, iap, and lin02483 Targets and AmpliFluor Technology. Applied and Environmental Microbiology, 2004, 70, 1366-1377.	1.4	215
256	ORC, MCM, and Histone Hyperacetylation at the Kaposi's Sarcoma-Associated Herpesvirus Latent Replication Origin. Journal of Virology, 2004, 78, 12566-12575.	1.5	174
257	Elevated Expression of A3 Adenosine Receptors in Human Colorectal Cancer Is Reflected in Peripheral Blood Cells. Clinical Cancer Research, 2004, 10, 5895-5901.	3.2	404
258	Casein Kinase II Alpha Subunit and C1-Inhibitor Are Independent Predictors of Outcome in Patients with Squamous Cell Carcinoma of the Lung. Clinical Cancer Research, 2004, 10, 5792-5803.	3.2	103
259	High-throughput analysis of mRNA expression: microarrays are not the whole story. Expert Opinion on Therapeutic Patents, 2004, 14, 377-403.	2.4	5
260	Linear-After-The-Exponential (LATE)–PCR: An advanced method of asymmetric PCR and its uses in quantitative real-time analysis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1933-1938.	3.3	187
261	Design and Optimization of Molecular Beacon Real-Time Polymerase Chain Reaction Assays. , 2005, 288, 273-290.		55
262	Overexpression of cyclin D1 correlates with sensitivity to cisplatin in squamous cell carcinoma cell lines of the head and neck. Acta Oto-Laryngologica, 2004, 124, 851-857.	0.3	26
263	PrP polymorphisms in Basque sheep breeds determined by PCRâ€restriction fragment length polymorphism and realâ€time PCR. Veterinary Record, 2004, 154, 717-722.	0.2	16
264	Molecular Method to Quantitatively Detect Micrometastases and its Clinical Significance in Gastrointestinal Malignancies. Advances in Clinical Chemistry, 2004, 38, 87-110.	1.8	9
265	Detection and quantification of Brettanomyces bruxellensis and 'ropy'Pediococcus damnosus strains in wine by real-time polymerase chain reaction. Journal of Applied Microbiology, 2004, 97, 910-915.	1.4	98
266	Position-specific expression of Hox genes along the gastrointestinal tract. Congenital Anomalies (discontinued), 2004, 44, 18-26.	0.3	39
267	p38 Mitogen-Activated Protein Kinase Mediates Dual Role of Ultraviolet B Radiation in Induction of Maturation and Apoptosis of Monocyte-Derived Dendritic Cells. Journal of Investigative Dermatology, 2004, 123, 361-370.	0.3	44
268	Detection of <i>Listeria monocytogenes</i> in Fresh Produce Using Molecular Beacon—Realâ€time PCR Technology. Journal of Food Science, 2004, 69, M240.	1.5	15
269	Simultaneous detection of enteric viruses by multiplex real-time RT-PCR. Journal of Virological Methods, 2004, 115, 1-8.	1.0	92
270	Rapid detection of Salmonella from vegetable rinse-water using real-time PCR. Food Microbiology, 2004, 21, 73-78.	2.1	44
271	Biochemical Characterization and Quantitative Gene Expression Analysis of the Multi-Stress Inducible Metallothionein from Tetrahymena thermophila. Protist, 2004, 155, 157-168.	0.6	37

#	Article	IF	CITATIONS
272	Uteroplacental insufficiency decreases small intestine growth and alters apoptotic homeostasis in term intrauterine growth retarded rats. Early Human Development, 2004, 79, 93-105.	0.8	62
273	Expression of α-hemoglobin stabilizing protein gene during human erythropoiesis. Experimental Hematology, 2004, 32, 157-162.	0.2	42
274	Application of a molecular beaconâ€"real-time PCR technology to detect Salmonella species contaminating fruits and vegetables. International Journal of Food Microbiology, 2004, 95, 177-187.	2.1	90
275	Quantitative Assessment of Disease Involvement by Follicular Lymphoma Using Real-Time Polymerase Chain Reaction Measurement of $t(14;18)$ -Carrying Cells. International Journal of Hematology, 2004, 79, 152-156.	0.7	3
276	DNA extraction from archival formalin-fixed, paraffin-embedded tissues: heat-induced retrieval in alkaline solution. Histochemistry and Cell Biology, 2004, 122, 211-218.	0.8	142
277	Mapping genomic deletions down to the base: a quantitative copy number scanning approach used to characterise and clone the breakpoints of a recurrent 7p14.2p15.3 deletion. Human Genetics, 2004, 115, 459-467.	1.8	26
278	A novel aspartate protease gene, ALP56, is related to morphological features of colorectal adenomas. International Journal of Colorectal Disease, 2004, 19, 43-48.	1.0	6
279	Using real-time PCR to determine transgene copy number in wheat. Plant Molecular Biology Reporter, 2004, 22, 179-188.	1.0	69
280	Equivalence test in quantitative reverse transcription polymerase chain reaction: confirmation of reference genes suitable for normalization. Analytical Biochemistry, 2004, 335, 1-9.	1.1	121
281	The candidate oncogeneZNF217 is frequently amplified in colon cancer. Journal of Pathology, 2004, 204, 282-288.	2.1	51
282	Miniaturised nucleic acid analysis. Lab on A Chip, 2004, 4, 534.	3.1	217
283	Detection and Quantification of Fusarium solani f. sp. glycines in Soybean Roots with Real-Time Quantitative Polymerase Chain Reaction. Plant Disease, 2004, 88, 1372-1380.	0.7	95
284	Rapid Quantitative Detection of Listeria monocytogenes in Meat Products by Real-Time PCR. Applied and Environmental Microbiology, 2004, 70, 6299-6301.	1.4	85
285	Real-Time PCR. , 2004, 266, 191-211.		5
286	Microm \tilde{A} ©tastases et cancers bronchiques non \tilde{A} petites cellules. Revue Des Maladies Respiratoires, 2004, 21, 105-116.	1.7	2
287	Serologic and molecular diagnosis of hepatitis B virus. Clinics in Liver Disease, 2004, 8, 267-281.	1.0	22
288	Measurement of Relative Copy Number of CDKN2A/ARF and CDKN2B in Bladder Cancer by Real-Time Quantitative PCR and Multiplex Ligation-Dependent Probe Amplification. Journal of Molecular Diagnostics, 2004, 6, 356-365.	1.2	26
289	Real-time reverse transcription-polymerase chain reaction analysis of translation initiation factor 1A (eIF-1A) in human and mouse preimplantation embryos. Reproductive BioMedicine Online, 2004, 8, 338-343.	1.1	15

#	Article	IF	Citations
290	New insights into neurohormonal regulation of pancreatic secretion. Gastroenterology, 2004, 127, 957-969.	0.6	142
291	Functional genomics and proteomics: application in neurosciences. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 529-538.	0.9	71
292	Detection of Genetically Modified Organisms in Foods by DNA Amplification Techniques. Critical Reviews in Food Science and Nutrition, 2004, 44, 425-436.	5.4	61
293	PCR BY THERMAL CONVECTION. Modern Physics Letters B, 2004, 18, 775-784.	1.0	47
294	Genetic alteration and gene expression modulation during cancer progression. Molecular Cancer, 2004, 3, 9.	7.9	108
296	Simultaneous quantitative detection of Listeria spp. and Listeria monocytogenes using a duplex real-time PCR-based assay. FEMS Microbiology Letters, 2004, 233, 257-267.	0.7	28
297	Gene expression profiles in end-stage human idiopathic dilated cardiomyopathy: altered expression of apoptotic and cytoskeletal genes. Genomics, 2004, 83, 281-297.	1.3	89
298	Real-time turbidimetry of LAMP reaction for quantifying template DNA. Journal of Proteomics, 2004, 59, 145-157.	2.4	517
299	Repeated electroconvulsive shock treatment increases the expression of A kinase anchoring proteins in the rat hippocampus. Neuroscience Letters, 2004, 355, 213-216.	1.0	2
300	Real-time Fluorescent PCR Techniques to Study Microbial–Host Interactions. Methods in Microbiology, 2004, 34, 255-330.	0.4	4
301	DNA Extraction and Quantitation of Forensic Samples Using the Phenol–Chloroform Method and Real-Time PCR. , 2005, 297, 013-030.		163
302	Real-Time Reverse Transcription Loop-Mediated Isothermal Amplification for Rapid Detection of West Nile Virus. Journal of Clinical Microbiology, 2004, 42, 257-263.	1.8	384
303	Multiplexed tandem PCR: gene profiling from small amounts of RNA using SYBR Green detection. Nucleic Acids Research, 2005, 33, e180-e180.	6.5	97
304	CCR6 regulates CD4+ T-cell–mediated acute graft-versus-host disease responses. Blood, 2005, 106, 18-26.	0.6	83
305	Identification and quantitation of species in complex DNA mixtures by real-time polymerase chain reaction. Analytical Biochemistry, 2005, 339, 73-82.	1.1	135
306	Comparison of SYTO9 and SYBR Green I for real-time polymerase chain reaction and investigation of the effect of dye concentration on amplification and DNA melting curve analysis. Analytical Biochemistry, 2005, 340, 24-34.	1.1	245
307	Four-color multiplex reverse transcription polymerase chain reaction—Overcoming its limitations. Analytical Biochemistry, 2005, 344, 33-42.	1.1	46
308	Basic principles of real-time quantitative PCR. Expert Review of Molecular Diagnostics, 2005, 5, 209-219.	1.5	419

#	ARTICLE	IF	CITATIONS
309	Mitofusins $1/2$ and ERRÎ \pm expression are increased in human skeletal muscle after physical exercise. Journal of Physiology, 2005, 567, 349-358.	1.3	348
310	Quantitative Transcript Analysis in Plants: Improved First-strand cDNA Synthesis. Acta Biochimica Et Biophysica Sinica, 2005, 37, 429-434.	0.9	4
311	In situ monitoring of polymerase extension rate and adaptive feedback control of PCR by using fluorescence measurements. Journal of Proteomics, 2005, 65, 97-105.	2.4	6
312	Quantitative real-time PCR detection of oral Enterococcus faecalis in humans. Archives of Oral Biology, 2005, 50, 575-583.	0.8	97
313	Deferoxamine induces prolonged cardiac preconditioning via accumulation of oxygen radicals. Free Radical Biology and Medicine, 2005, 38, 117-124.	1.3	61
314	Real-time PCR-based methods for detection of Mycobacterium avium subsp. paratuberculosis in water and milk. International Journal of Food Microbiology, 2005, 101, 93-104.	2.1	85
315	Real-time PCR for quantitation of porcine reproductive and respiratory syndrome virus and porcine circovirus type 2 in naturally-infected and challenged pigs. Journal of Virological Methods, 2005, 124, 11-19.	1.0	65
316	Diagnostic DNA markers for quality traits in wheat. Journal of Cereal Science, 2005, 41, 181-192.	1.8	75
317	Fungal-specific PCR primers developed for analysis of the ITS region of environmental DNA extracts. BMC Microbiology, 2005, 5, 28.	1.3	560
318	Caffeine intake induces an alteration in human neutrophil A2A adenosine receptors. Cellular and Molecular Life Sciences, 2005, 62, 2350-2358.	2.4	25
319	Rapid Quantitative Detection of Listeria monocytogenes in Salmon Products: Evaluation of Pre–Real-Time PCR Strategies. Journal of Food Protection, 2005, 68, 1467-1471.	0.8	43
321	The Spectrum of Antimicrobial Peptide Expression at the Ocular Surface. , 2005, 46, 1379.		76
322	Development and Application of Real-Time PCR Assays for Quantification of Genes Encoding Tetracycline Resistance. Applied and Environmental Microbiology, 2005, 71, 6926-6933.	1.4	161
323	Fifty Years of Molecular (DNA/RNA) Diagnostics. Clinical Chemistry, 2005, 51, 661-671.	1.5	58
324	Quantitative Molecular Assay for Fingerprinting Microbial Communities of Wastewater and Estrogen-Degrading Consortia. Applied and Environmental Microbiology, 2005, 71, 1433-1444.	1.4	69
325	A molecular beacon, bead-based assay for the detection of nucleic acids by flow cytometry. Nucleic Acids Research, 2005, 33, e13-e13.	6.5	76
326	A3 Adenosine Receptor Activation Inhibits Cell Proliferation via Phosphatidylinositol 3-Kinase/Akt-dependent Inhibition of the Extracellular Signal-regulated Kinase 1/2 Phosphorylation in A375 Human Melanoma Cells. Journal of Biological Chemistry, 2005, 280, 19516-19526.	1.6	106
327	Overview of Real-Time RT-PCR Strategies for Quantification of Gene Rearrangements in the Myeloid Malignancies. , 2006, 125, 27-68.		14

#	Article	IF	CITATIONS
328	Optimized mRNA Isolation and Assessment Methodology with Twoâ€6tep Real Time PCR. Preparative Biochemistry and Biotechnology, 2005, 35, 273-282.	1.0	1
329	Convective polymerase chain reaction around micro immersion heater. Applied Physics Letters, 2005, 87, 183901.	1.5	35
330	Integrated Genetic Analysis Microsystems. Critical Reviews in Solid State and Materials Sciences, 2005, 30, 207-233.	6.8	19
331	Application of Quantitative Real-Time PCR for Monitoring the Process of Enrichment of Clones on In Vitro Protein Selection. Journal of Biochemistry, 2005, 137, 121-124.	0.9	6
332	5′-Terminal Deletions Occur in Coxsackievirus B3 during Replication in Murine Hearts and Cardiac Myocyte Cultures and Correlate with Encapsidation of Negative-Strand Viral RNA. Journal of Virology, 2005, 79, 7024-7041.	1.5	129
333	Two high throughput technologies to detect segmental aneuploidies identify new Williams-Beuren syndrome patients with atypical deletions. Journal of Medical Genetics, 2005, 43, 266-273.	1.5	62
334	An Italian program of external quality control for quantitative assays based on real-time PCR with Taq-Manâ,,¢ probes. Clinical Chemistry and Laboratory Medicine, 2005, 43, 542-8.	1.4	19
335	Methodological Studies of Multiple Reference Genes as Endogenous Controls in Vascular Gene Expression Studies. Endothelium: Journal of Endothelial Cell Research, 2005, 12, 215-223.	1.7	9
336	Intrinsic Resistance of Hepatocytes to Complement-Mediated Injury. Journal of Immunology, 2005, 174, 7302-7309.	0.4	41
337	Expression, Pharmacological Profile, and Functional Coupling of A2B Receptors in a Recombinant System and in Peripheral Blood Cells Using a Novel Selective Antagonist Radioligand, [3H]MRE 2029-F20. Molecular Pharmacology, 2005, 67, 2137-2147.	1.0	58
338	Multiplex Quantitative Real-Time PCR of Laser Microdissected Tissue. , 2005, 293, 27-38.		8
339	Fluorescence based strategies for genetic analysis. Chemical Communications, 2005, , 5487.	2.2	228
340	Optimized Real-Time Quantitative PCR Measurement of Male Fetal DNA in Maternal Plasma. Clinical Chemistry, 2005, 51, 1598-1604.	1.5	154
341	Effects of Practices Related to Catch-and-Release Angling on Mortality and Viral Transmission in Juvenile Largemouth Bass Infected with Largemouth Bass Virus. Journal of Aquatic Animal Health, 2005, 17, 315-322.	0.6	17
342	Advances in Realâ€Time PCR: Application to Clinical Laboratory Diagnostics. Advances in Clinical Chemistry, 2005, 40, 219-259.	1.8	128
343	Quantitative appreciation of steroidogenic gene expression in mouse tissues: new roles for type 2 5α-reductase, 20α-hydroxysteroid dehydrogenase and estrogen sulfotransferase. Journal of Steroid Biochemistry and Molecular Biology, 2005, 93, 269-276.	1.2	42
344	Real-time PCR for simultaneous and quantitative detection of quarantine phytoplasmas from apple proliferation (16SrX) group. Molecular and Cellular Probes, 2005, 19, 334-340.	0.9	65
345	A real time PCR (RT-PCR) alternative assay to detect the T/C mutation in position 1843 of the ryanodine receptor gene. Meat Science, 2005, 70, 395-398.	2.7	4

#	Article	IF	CITATIONS
346	Incidence in diverse pig populations of an IGF2 mutation with potential influence on meat quality and quantity: An assay based on real time PCR (RT-PCR). Meat Science, 2005, 71, 577-582.	2.7	30
347	Evaluation and Automation of Hematopoietic Chimerism Analysis Based on Real-Time Quantitative Polymerase Chain Reaction. Biology of Blood and Marrow Transplantation, 2005, 11, 558-566.	2.0	20
348	Functional analysis of a single nucleotide polymorphism in a potential binding site for GATA transcription factors in the ovine interleukin 2 gene. Veterinary Immunology and Immunopathology, 2005, 107, 51-56.	0.5	7
349	Comprehensive Algorithm for Quantitative Real-Time Polymerase Chain Reaction. Journal of Computational Biology, 2005, 12, 1047-1064.	0.8	1,143
350	Managing genomic and proteomic knowledge. Drug Discovery Today: Technologies, 2005, 2, 197-204.	4.0	4
351	High throughput, nanoliter quantitative PCR. Drug Discovery Today: Technologies, 2005, 2, 247-253.	4.0	18
352	Functional Analysis of Three Plasmids from Lactobacillus plantarum. Applied and Environmental Microbiology, 2005, 71, 1223-1230.	1.4	100
353	BeadCons: Detection of Nucleic Acid Sequences by Flow Cytometry. Current Protocols in Cytometry, 2005, 34, Unit13.5.	3.7	0
354	Quantitative PCR Techniques., 2005,, 490-535.		0
356	PrimerSelect: A Transcriptome-Wide Oligonucleotide Primer Pair Design Program for Kinetic RT-PCR–Based Transcript Profiling. Methods in Enzymology, 2005, 395, 544-553.	0.4	5
357	[19] Performing Quantitative Reverseâ€√ranscribed Polymerase Chain Reaction Experiments. Methods in Enzymology, 2006, 410, 386-400.	0.4	79
358	Alteration of Adenosine Receptors in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 398-406.	2.5	101
359	Real-Time Quantitative PCR (QPCR) and Reverse Transcription-QPCR for Detection and Enumeration of Total Yeasts in Wine. Applied and Environmental Microbiology, 2006, 72, 7148-7155.	1.4	177
360	PCR Basics. , 2006, , 1-25.		3
361	Rod Photoreceptor Loss in Rhoâ^'/â^'Mice Reduces Retinal Hypoxia and Hypoxia-Regulated Gene Expression. , 2006, 47, 5553.		36
362	Serologic and Molecular Diagnosis of Hepatitis B Virus. Infectious Disease Clinics of North America, 2006, 20, 47-61.	1.9	11
363	Phage display mediated immuno-PCR. Nucleic Acids Research, 2006, 34, e62-e62.	6.5	71
364	Homogeneous Detection of Nucleic Acids Using Self-Quenched Polymerase Chain Reaction Primers Labeled With a Single Fluorophore (LUXâ,,¢ Primers)., 2006, 335, 95-114.		13

#	Article	IF	CITATIONS
365	Nanoliter high throughput quantitative PCR. Nucleic Acids Research, 2006, 34, e123-e123.	6.5	189
366	Present and future of rapid and/or high-throughput methods for nucleic acid testing. Clinica Chimica Acta, 2006, 363, 6-31.	0.5	58
367	Allelic incidence in several pig breeds of a missense variant of pig melanocortin-4 receptor (MC4R) gene associated with carcass and productive traits; its relation to IGF2 genotype. Meat Science, 2006, 73, 144-150.	2.7	26
368	Evaluation of uncertainty in quantitative real-time PCR. Journal of Microbiological Methods, 2006, 67, 349-356.	0.7	25
369	Isolation and characterization of a cDNA encoding mouse 3α-hydroxysteroid dehydrogenase. Journal of Steroid Biochemistry and Molecular Biology, 2006, 98, 18-24.	1.2	15
370	Increased expression of \hat{l}_{\pm} - and \hat{l}^{2} -globin mRNAs at the pituitary following exposure to estrogen during the critical period of neonatal sex differentiation in the rat. Journal of Steroid Biochemistry and Molecular Biology, 2006, 99, 33-43.	1.2	7
371	Cloning of fox (Vulpes vulpes) Il2, Il6, Il10 and IFN \hat{I}^3 and analysis of their expression by quantitative RT-PCR in fox PBMC after in vitro stimulation by Concanavalin A. Veterinary Immunology and Immunopathology, 2006, 110, 369-375.	0.5	1
372	Nuclear and cytoplasmic mRNA quantification by SYBR green based real-time RT-PCR. Methods, 2006, 39, 356-362.	1.9	100
373	Quantitative analysis of glutamate transporter mRNA expression in prefrontal and primary visual cortex in normal and schizophrenic brain. Neuroscience, 2006, 137, 843-851.	1.1	45
374	Sex ratio determination in bovine semen: A new approach by quantitative real time PCR. Theriogenology, 2006, 66, 2202-2209.	0.9	53
375	Effects of Ischemia-Reperfusion Injury on Apolipoprotein M Expression in the Liver. Transplantation Proceedings, 2006, 38, 2769-2773.	0.3	9
377	Retinopathy Is Reduced during Experimental Diabetes in a Mouse Model of Outer Retinal Degeneration. , 2006, 47, 5561.		117
378	Turmeric and Curcumin Modulate the Conjugation of 1-Naphthol in Caco-2 Cells. Biological and Pharmaceutical Bulletin, 2006, 29, 1476-1479.	0.6	38
379	Gene Expression Profiling Utilizing Microarray Technology and RT-PCR. , 2006, , 23-46.		8
380	Real-time PCR investigation of parasite ecology:in situdetermination of oyster parasitePerkinsus marinustransmission dynamics in lower Chesapeake Bay. Parasitology, 2006, 132, 827-842.	0.7	39
381	Utilizing Molecular Technologies for Bioindicator Research. Environmental Bioindicators, 2006, 1 , 40-59.	0.4	6
382	First Results of Detection of PRRSV and CSFV RNA by SYBR Green I-based Quantitative PCR. Zoonoses and Public Health, 2006, 53, 461-467.	1.4	12
383	Expression of nerve growth factor receptors is correlated with progression and prognosis of human pancreatic cancer. Journal of Gastroenterology and Hepatology (Australia), 2006, 21, 850-858.	1.4	79

#	Article	IF	CITATIONS
384	Adenosine A2AReceptors are Up-regulated in Pick's Disease Frontal Cortex. Brain Pathology, 2006, 16, 249-255.	2.1	35
385	Evaluation of Real-Time PCR Amplification Efficiencies to Detect PCR Inhibitors. Journal of Forensic Sciences, 2006, 51, 795-804.	0.9	136
386	PCR-based procedures for detection and quantification of Staphylococcus aureus and their application in food Journal of Applied Microbiology, 2006, 100, 352-364.	1.4	130
387	Novel role of 26RFa, a hypothalamic RFamide orexigenic peptide, as putative regulator of the gonadotropic axis. Journal of Physiology, 2006, 573, 237-249.	1.3	71
388	Clinical evaluation of micro-scale chip-based PCR system for rapid detection of hepatitis B virus. Biosensors and Bioelectronics, 2006, 21, 2161-2169.	5.3	74
389	Locked nucleic acids for optimizing displacement probes for quantitative real-time PCR. Analytical Biochemistry, 2006, 348, 294-299.	1.1	16
390	DNA analysis in wines: Development of methods for enhanced extraction and real-time polymerase chain reaction quantification. Analytica Chimica Acta, 2006, 563, 274-282.	2.6	51
391	Molecular tools—advances, opportunities and prospects. Veterinary Parasitology, 2006, 136, 69-89.	0.7	198
392	Rapid and simple comparison of messenger rna levels using real-time PCR. Biological Procedures Online, 2006, 8, 1-10.	1.4	208
393	Skeletal muscle heavy-chain polypeptide 3 and myosin binding protein H in the pubococcygeus muscle in patients with and without pelvic organ prolapse. American Journal of Obstetrics and Gynecology, 2006, 194, 1404-1410.	0.7	28
394	Quantitative single-cell RT-PCR and Ca2+ imaging in brain slices. Pflugers Archiv European Journal of Physiology, 2006, 451, 716-726.	1.3	19
395	Quantitative real-time RT-PCR data analysis: current concepts and the novel "gene expression's C T difference―formula. Journal of Molecular Medicine, 2006, 84, 901-910.	1.7	751
396	Lack of correlation between DNA copy number and mRNA expression levels of c-myc in \hat{I}^3 -radiation-induced mouse thymic lymphomas by using quantitative real-time PCR. Clinical and Translational Oncology, 2006, 8, 349-353.	1.2	1
397	Tissue preferential expression of estrogen receptor gene in the marine snail, Thais clavigera. General and Comparative Endocrinology, 2006, 148, 315-326.	0.8	108
398	Real-time PCR quantification of the AM-toxin gene and HPLC qualification of toxigenic metabolites from Alternaria species from apples. International Journal of Food Microbiology, 2006, 111, 105-111.	2.1	43
399	Evaluation of the clinical sensitivity for the quantification of human immunodeficiency virus type 1 RNA in plasma: Comparison of the new COBAS TaqMan HIV-1 with three current HIV-RNA assaysâ€"LCx HIV RNA quantitative, VERSANT HIV-1 RNA 3.0 (bDNA) and COBAS AMPLICOR HIV-1 Monitor v1.5. Journal of Virological Methods, 2006, 131, 168-174.	1.0	36
400	Development of a one step real-time RT-PCR method for sensitive detection of human astrovirus. Journal of Virological Methods, 2006, 133, 14-19.	1.0	25
401	Myelin-associated mRNA and protein expression deficits in the anterior cingulate cortex and hippocampus in elderly schizophrenia patients. Neurobiology of Disease, 2006, 21, 531-540.	2.1	172

#	Article	IF	CITATIONS
402	Cytotoxicity and alteredc-myc gene expression by medical polyacrylamide hydrogel. Journal of Biomedical Materials Research - Part A, 2006, 78A, 283-290.	2.1	33
403	Changes in the expression of plasma membrane calcium extrusion systems during the maturation of hippocampal neurons. Hippocampus, 2006, 16, 20-34.	0.9	78
404	Direct detection of null alleles in SNP genotyping data. Human Molecular Genetics, 2006, 15, 1931-1937.	1.4	34
405	Detection of <i>Neisseria meningitidis, Streptococcus pneumoniae</i> , and <i>Haemophilus influenzae</i> in Blood and Cerebrospinal Fluid Using Fluorescence-Based PCR., 2006, 345, 69-78.		11
406	EQUAL-quant: An International External Quality Assessment Scheme for Real-Time PCR. Clinical Chemistry, 2006, 52, 1584-1591.	1.5	39
407	High-Resolution Recombination Patterns in a Region of Human Chromosome 21 Measured by Sperm Typing. PLoS Genetics, 2006, 2, e70.	1.5	69
408	The Evf-2 noncoding RNA is transcribed from the Dlx-5/6 ultraconserved region and functions as a Dlx-2 transcriptional coactivator. Genes and Development, 2006, 20, 1470-1484.	2.7	652
409	Within-tree transcriptome profiling in wood-forming tissues of a fast-growing Eucalyptus tree. Tree Physiology, 2006, 26, 365-375.	1.4	26
410	The Zn2+-transporting Pathways in Pancreatic \hat{l}^2 -Cells. Journal of Biological Chemistry, 2006, 281, 9361-9372.	1.6	83
411	Analysis by cDNA microarrays of gene expression patterns of human adrenocortical tumors. European Journal of Endocrinology, 2006, 154, 587-598.	1.9	92
412	Use of Self-Quenched, Fluorogenic LUXâ,,¢ Primers for Gene Expression Profiling. , 2006, 335, 115-134.		10
413	Diagnostic Microbiology Using Real-Time PCR Based on FRET Technology. , 2006, , 291-305.		0
414	Progenitor Marker CD133 mRNA Is Elevated in Peripheral Blood of Cancer Patients with Bone Metastases. Clinical Cancer Research, 2006, 12, 4859-4866.	3.2	84
415	Real-Time PCR for the Detection and Quantification of Geodermatophilaceae from Stone Samples and Identification of New Members of the Genus Blastococcus. Applied and Environmental Microbiology, 2006, 72, 346-352.	1.4	20
416	PREVALENCE OF HFE MUTATIONS IN CALIFORNIA NEWBORNS. Pediatric Hematology and Oncology, 2006, 23, 507-516.	0.3	8
418	Transcriptome amplification methods in gene expression profiling. Expert Review of Molecular Diagnostics, 2006, 6, 465-480.	1.5	23
419	Plant disease diagnosis. , 2006, , 1-42.		5
420	Development of Quantitative Real-Time PCR Assays for Detection and Quantification of Surrogate Biological Warfare Agents in Building Debris and Leachate. Applied and Environmental Microbiology, 2007, 73, 6557-6565.	1.4	49

#	Article	IF	Citations
421	Quantitative Reverse Transcriptase Polymerase Chain Reaction., 2007,, 66-85.		0
422	DNA supercoiling suppresses real-time PCR: a new approach to the quantification of mitochondrial DNA damage and repair. Nucleic Acids Research, 2007, 35, 1377-1388.	6.5	80
423	Development of quantitative polymerase chain reaction assays for allelic discrimination of gangliosidoses in cats. American Journal of Veterinary Research, 2007, 68, 231-235.	0.3	7
424	Engineering Entropy-Driven Reactions and Networks Catalyzed by DNA. Science, 2007, 318, 1121-1125.	6.0	1,022
425	FNR Is a Global Regulator of Virulence and Anaerobic Metabolism in Salmonella enterica Serovar Typhimurium (ATCC 14028s). Journal of Bacteriology, 2007, 189, 2262-2273.	1.0	131
426	Real-Time Quantitative PCR as an Alternative to Southern Blot or Fluorescence <i>In Situ</i> Hybridization for Detection of Gene Copy Number Changes., 2007, 353, 205-226.		64
427	Quantitative Polymerase Chain Reaction. Methods in Molecular Biology, 2007, 362, 349-362.	0.4	24
428	The Polymerase Chain Reaction. , 2007, , 65-94.		1
429	Introduction to Kinetic (Real-Time) PCR., 2007, 353, 167-176.		4
430	Neonatal exposure to bisphenol A modifies the abundance of estrogen receptor α transcripts with alternative 5′-untranslated regions in the female rat preoptic area. Journal of Endocrinology, 2007, 194, 201-212.	1,2	87
431	The principle and applications of real-time PCR. Nippon Suisan Gakkaishi, 2007, 73, 292-295.	0.0	4
432	Recent Patents on Self-Quenching DNA Probes. Recent Patents on DNA & Gene Sequences, 2007, 1, 145-7.	0.7	2
433	Ichthyophthirius multifiliis infection induces massive up-regulation of serum amyloid A in carp (Cyprinus carpio). Veterinary Immunology and Immunopathology, 2007, 115, 172-178.	0.5	62
434	Complement expression in common carp (Cyprinus carpio L.) during infection with Ichthyophthirius multifiliis. Developmental and Comparative Immunology, 2007, 31, 576-586.	1.0	106
435	Real-time TaqMan polymerase chain reaction assays for quantitative detection and differentiation of Ureaplasma urealyticum and Ureaplasma parvum. Diagnostic Microbiology and Infectious Disease, 2007, 57, 373-378.	0.8	41
436	Real-time gene expression analysis in carp (Cyprinus carpio L.) skin: Inflammatory responses caused by the ectoparasite Ichthyophthirius multifiliis. Fish and Shellfish Immunology, 2007, 22, 641-650.	1.6	104
437	Molecular toolbox for studying diatom biology in Phaeodactylum tricornutum. Gene, 2007, 406, 23-35.	1.0	293
438	Diethylstilbestrol alters the population dynamic of neural precursor cells in the neonatal male rat dentate gyrus. Brain Research Bulletin, 2007, 71, 619-627.	1.4	23

#	Article	IF	CITATIONS
439	Multiplex real-time SYBR Green I PCR assay for detection of tetracycline efflux genes of Gram-negative bacteria. Molecular and Cellular Probes, 2007, 21, 245-256.	0.9	48
440	A real-time PCR assay for the rapid determination of 16S rRNA genotype in Vibrio vulnificus. Journal of Microbiological Methods, 2007, 68, 376-384.	0.7	63
441	A molecular beacon-based real time NASBA assay for detection of Listeria monocytogenes in food products: Role of target mRNA secondary structure on NASBA design. Journal of Microbiological Methods, 2007, 68, 623-632.	0.7	57
442	Cutaneous immune responses in the common carp detected using transcript analysis. Molecular Immunology, 2007, 44, 1664-1679.	1.0	64
443	Metabotropic glutamate receptor/phospholipase C pathway is increased in rat brain at the end of pregnancy. Neurochemistry International, 2007, 50, 681-688.	1.9	6
444	A proportional analysis method using non-kinetic real-time PCR. Journal of Biotechnology, 2007, 128, 41-49.	1.9	5
445	Comparison of multiple DNA dyes for real-time PCR: effects of dye concentration and sequence composition on DNA amplification and melting temperature. Nucleic Acids Research, 2007, 35, e127.	6.5	244
446	Rotation Algorithm for Determining Cycle Thresholds in Real-Time Polymerase Chain Reactions. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1977-80.	0.5	1
447	Application of PCR technology in vaccine product development. Expert Review of Vaccines, 2007, 6, 547-558.	2.0	17
448	Comparison of Level of NKG2D Ligands between Normal and Tumor Tissue Using Multiplex RT-PCR. Cancer Investigation, 2007, 25, 299-307.	0.6	22
449	Improvement of Vascular Remodeling in Spontaneous Hypertensive Rats with Traditional Chinese Medicine. Clinical and Experimental Hypertension, 2007, 29, 345-355.	0.5	3
450	Nonenzymatic Detection of Bacterial Genomic DNA Using the Bio Bar Code Assay. Analytical Chemistry, 2007, 79, 9218-9223.	3.2	119
451	Multi-Nanopore Force Spectroscopy for DNA Analysis. Biophysical Journal, 2007, 92, 1632-1637.	0.2	71
452	Real-Time PCR Fluorescent Chemistries., 2007, 353, 237-262.		24
453	Evidence Based Selection of Housekeeping Genes. PLoS ONE, 2007, 2, e898.	1.1	617
454	Resonant Acoustic Profiling (RAPâ,,¢) and Rupture Event Scanning (REVSâ,,¢)., 2006,, 449-479.		1
455	Real-time quantification of microRNAs by TaqMan® assays. , 0, , 269-282.		0
456	Conducting polymer based fluorescence quenching as a new approach to increase the selectivity of immunosensors. Biosensors and Bioelectronics, 2007, 23, 499-505.	5.3	60

#	Article	IF	CITATIONS
457	Novel homogenous time-resolved fluorometric RT-PCR assays for quantification of PSA and hK2 mRNAs in blood. Clinical Biochemistry, 2007, 40, 111-118.	0.8	11
458	Q-priming PCR: A quantitative real-time PCR system using a self-quenched BODIPY FL-labeled primer. Analytical Biochemistry, 2007, 360, 154-156.	1.1	6
459	Evaluation of quantification methods for real-time PCR minor groove binding hybridization probe assays. Analytical Biochemistry, 2007, 361, 55-64.	1.1	15
460	Calibration-curve-free quantitative PCR: A quantitative method for specific nucleic acid sequences without using calibration curves. Analytical Biochemistry, 2007, 369, 105-111.	1.1	5
461	Analysis of close proximity quenching of phosphorescent metalloporphyrin labels in oligonucleotide structures. Analytica Chimica Acta, 2007, 585, 139-146.	2.6	7
462	Quantification of product-specific gene expression in biopellets of Aspergillus niger with real-time PCR. Enzyme and Microbial Technology, 2007, 40, 653-660.	1.6	6
463	Multidrug resistance protein expression of adult T-cell leukemia/lymphoma. Leukemia Research, 2007, 31, 465-470.	0.4	12
464	Evaluation and validation of candidate endogenous control genes for real-time quantitative PCR studies of breast cancer. BMC Molecular Biology, 2007, 8, 107.	3.0	80
465	Upâ€regulation of adenosine A ₁ receptors in frontal cortex from Pick's disease cases. European Journal of Neuroscience, 2007, 26, 3501-3508.	1.2	15
466	Changes in the Brain Serotonin Satiety System in Transgenic Rats Lacking Brain Angiotensinogen. Journal of Neuroendocrinology, 2008, 20, 182-187.	1.2	5
467	Habitat associations of two entomopathogenic nematodes: a quantitative study using real-time quantitative polymerase chain reactions. Journal of Animal Ecology, 2007, 76, 238-245.	1.3	49
468	Rapid detection and strain identification of porcine reproductive and respiratory syndrome virus (PRRSV) by real-time RT-PCR. Letters in Applied Microbiology, 2007, 46, 071018031443012-???.	1.0	29
469	Monitoring of <i>Saccharomyces </i> hand <i>Hanseniaspora </i> populations during alcoholic fermentation by real-time quantitative PCR. FEMS Yeast Research, 2007, 7, 1340-1349.	1.1	64
470	Statistical significance of quantitative PCR. BMC Bioinformatics, 2007, 8, 131.	1.2	295
471	Absolute estimation of initial concentrations of amplicon in a real-time RT-PCR process. BMC Bioinformatics, 2007, 8, 409.	1.2	19
472	Model based analysis of real-time PCR data from DNA binding dye protocols. BMC Bioinformatics, 2007, 8, 85.	1.2	36
473	Gene expression of mineralocorticoid and glucocorticoid receptors in the limbic system is related to type-2 like diabetes in leptin-resistant rats. Brain Research, 2007, 1184, 160-167.	1.1	28
474	The expression of endothelin type A and B receptors in the lateral wall of the mouse cochlea. Cellular and Molecular Biology Letters, 2007, 12, 595-603.	2.7	4

#	Article	IF	CITATIONS
475	Endogenous Expression of Adenosine A1, A2 and A3 Receptors in Rat C6 Glioma Cells. Neurochemical Research, 2007, 32, 1056-1070.	1.6	37
476	A simple and rapid method for preserving RNA of aquatic invertebrates for ecotoxicogenomics. Ecotoxicology, 2007, 16, 445-447.	1.1	7
477	Quantitative PCR based expression analysis on a nanoliter scale using polymer nano-well chips. Biomedical Microdevices, 2007, 9, 307-314.	1.4	34
478	Real-time quantitative assay of HCV RNA using the duplex scorpion primer. Archives of Virology, 2007, 152, 431-440.	0.9	3
479	TNF controls the infiltration of dendritic cells into the site of Leishmania major infection. Medical Microbiology and Immunology, 2007, 197, 29-37.	2.6	14
480	The use of molecular techniques based on ribosomal RNA and DNA for rumen microbial ecosystem studies: a review. Molecular Biology Reports, 2008, 35, 265-274.	1.0	101
481	Lysophosphatidylcholine upregulates LOX-1, chemokine receptors, and activation-related transcription factors in human T-cell line Jurkat. Journal of Thrombosis and Thrombolysis, 2008, 26, 113-118.	1.0	18
482	An Easier Method for Locating Replication Origins Based on Real-Time Polymerase Chain Reaction. Current Microbiology, 2008, 56, 633-638.	1.0	0
483	Quantification of Fusarium solani f. sp. glycines isolates in soybean roots by colony-forming unit assays and real-time quantitative PCR. Theoretical and Applied Genetics, 2008, 117, 343-352.	1.8	50
484	Interactive Fluorophore and Quencher Pairs for Labeling Fluorescent Nucleic Acid Hybridization Probes. Molecular Biotechnology, 2008, 38, 247-255.	1.3	64
485	Innovative Application of Fluorescent Microsphere Based Assay for Multiple GMO Detection. Food Analytical Methods, 2008, 1, 10-17.	1.3	19
486	Identification of valid reference genes for the normalization of RT qPCR gene expression data in human brain tissue. BMC Molecular Biology, 2008, 9, 46.	3.0	96
487	A novel universal real-time PCR system using the attached universal duplex probes for quantitative analysis of nucleic acids. BMC Molecular Biology, 2008, 9, 54.	3.0	18
488	A kinetic-based sigmoidal model for the polymerase chain reaction and its application to high-capacity absolute quantitative real-time PCR. BMC Biotechnology, 2008, 8, 47.	1.7	176
489	Effect of ionizing radiation on the quantitative detection of Salmonella using real-time PCR. Radiation Physics and Chemistry, 2008, 77, 1112-1117.	1.4	9
490	Nucleic acid sensor and fluid handling for detection of bacterial pathogens. Sensors and Actuators B: Chemical, 2008, 134, 1-8.	4.0	9
491	Quantitation of human papillomavirus type 16 E6 oncogene sequences by real-time or quantitative PCR with EvaGreen. Analytical Biochemistry, 2008, 380, 131-133.	1.1	6
492	Expression of glutamyl aminopeptidase by osteogenic induction in rat bone marrow stromal cells. Cell Biology International, 2008, 32, 748-753.	1.4	7

#	Article	IF	CITATIONS
493	Evaluation of quantitative real-time polymerase chain reaction for enumeration of biomining microorganisms in culture. Hydrometallurgy, 2008, 94, 185-189.	1.8	26
494	QuantPrime – a flexible tool for reliable high-throughput primer design for quantitative PCR. BMC Bioinformatics, 2008, 9, 465.	1.2	452
495	Real-time hybridization chain reaction. Doklady Biochemistry and Biophysics, 2008, 419, 53-55.	0.3	19
496	Development of a multireactor microfluidic system for the determination of DNA using real-time polymerase chain reaction. Journal of Analytical Chemistry, 2008, 63, 192-198.	0.4	6
497	Gene expression in the rectus abdominus muscle of patients with and without pelvic organ prolapse. American Journal of Obstetrics and Gynecology, 2008, 198, 220.e1-220.e7.	0.7	7
498	A TaqMan-based real-time PCR assay for the specific detection and quantification of <i>Leuconostoc mesenteroides </i> in meat products. FEMS Microbiology Letters, 2008, 278, 62-71.	0.7	21
499	Modulation of adenosine A ₁ and A _{2A} receptors in C6 glioma cells during hypoxia: involvement of endogenous adenosine. Journal of Neurochemistry, 2008, 105, 2315-2329.	2.1	28
500	Detection and differentiation of re-emerging fowlpox virus (FWPV) strains carrying integrated reticuloendotheliosis virus (FWPV-REV) by real-time PCR. Veterinary Microbiology, 2008, 127, 39-49.	0.8	28
501	A Bayesian method for calculating real-time quantitative PCR calibration curves using absolute plasmid DNA standards. BMC Bioinformatics, 2008, 9, 120.	1.2	77
502	A new real-time PCR method to overcome significant quantitative inaccuracy due to slight amplification inhibition. BMC Bioinformatics, 2008, 9, 326.	1.2	150
503	Sequence polymorphism can produce serious artefacts in real-time PCR assays: hard lessons from Pacific oysters. BMC Genomics, 2008, 9, 234.	1.2	23
504	A comprehensive collection of experimentally validated primers for Polymerase Chain Reaction quantitation of murine transcript abundance. BMC Genomics, 2008, 9, 633.	1.2	211
505	TaqMan real-time PCR assay for specific detection of Opisthorchis viverrini DNA in Thai patients with hepatocellular carcinoma and cholangiocarcinoma. Experimental Parasitology, 2008, 119, 217-224.	0.5	19
506	Detection, quantification and vitality of Listeria monocytogenes in food as determined by quantitative PCR. International Journal of Food Microbiology, 2008, 121, 99-105.	2.1	103
507	Real-time PCR detection of bacteria belonging to the Firmicutes Phylum. International Journal of Food Microbiology, 2008, 125, 236-241.	2.1	63
508	Toward practical, DNA-based diagnostic methods for parasitic nematodes of livestock — Bionomic and biotechnological implications. Biotechnology Advances, 2008, 26, 325-334.	6.0	134
509	Detection and quantitation of infectious pancreatic necrosis virus by real-time reverse transcriptase-polymerase chain reaction using lethal and non-lethal tissue sampling. Journal of Virological Methods, 2008, 147, 226-234.	1.0	76
510	Real-time PCR for the quantitation of Tomato yellow leaf curl Sardinia virus in tomato plants and in Bemisia tabaci. Journal of Virological Methods, 2008, 147, 282-289.	1.0	101

#	Article	IF	Citations
511	Real-time RT-PCR assay for rapid and specific detection of classical swine fever virus: Comparison of SYBR Green and TaqMan MGB detection methods using novel MGB probes. Journal of Virological Methods, 2008, 147, 257-264.	1.0	36
512	Overview of PCR. Current Protocols in Essential Laboratory Techniques, 2008, 00, 10.2.1.	2.6	5
513	Reference gene selection for real-time rtPCR in human epidermal keratinocytes. Journal of Dermatological Science, 2008, 49, 217-225.	1.0	33
514	RNA Isolation and Real-Time Quantitative RT-PCR. Methods in Molecular Biology, 2008, 456, 259-270.	0.4	18
515	Realâ€Time PCR. Current Protocols in Essential Laboratory Techniques, 2008, 00, 10.3.1.	2.6	35
516	Quantitative Real-Time PCR: Fluorescent Probe Options and Issues. Springer Series on Fluorescence, 2008, , 489-508.	0.8	4
517	In-house HIV-1 RNA real-time RT-PCR assays: principle, available tests and usefulness in developing countries. Expert Review of Molecular Diagnostics, 2008, 8, 635-650.	1.5	21
518	Regional changes in the spatio-temporal pattern of progesterone receptor (PR) expression in the guinea-pig genital tract as parturition approaches. Journal of Steroid Biochemistry and Molecular Biology, 2008, 111, 247-254.	1.2	7
519	Ultra-rapid real-time PCR for the detection of Paenibacillus larvae, the causative agent of American Foulbrood (AFB). Journal of Invertebrate Pathology, 2008, 99, 8-13.	1.5	32
520	Development and evaluation of real-time loop-mediated isothermal amplification for hepatitis B virus DNA quantification: A new tool for HBV management. Journal of Clinical Virology, 2008, 41, 270-276.	1.6	88
521	Quantitative real-time PCR effectively detects and quantifies colonization of sclerotia of Sclerotinia sclerotiorum by Trichoderma spp Applied Soil Ecology, 2008, 40, 100-108.	2.1	31
522	Gene dosage methods as diagnostic tools for the identification of chromosome abnormalities. Pathologie Et Biologie, 2008, 56, 345-353.	2.2	28
523	Mitochondrial fusion and function in Charcot–Marie–Tooth type 2A patient fibroblasts with mitofusin 2 mutations. Experimental Neurology, 2008, 211, 115-127.	2.0	88
524	The use of molecular techniques to characterize the microbial communities in contaminated soil and water. Environment International, 2008, 34, 265-276.	4.8	161
525	Characterization of a 1-aminocyclopropane-1-carboxylate synthase gene from loblolly pine (Pinus) Tj ETQq0 0 0 r	gBT /Over	lock 10 Tf 50
526	Palaeogenetics of cattle domestication: Methodological challenges for the study of fossil bones preserved in the domestication centre in Southwest Asia. Comptes Rendus - Palevol, 2008, 7, 99-112.	0.1	10
527	Apelin/APJ signaling system: a potential link between adipose tissue and endothelial angiogenic processes. FASEB Journal, 2008, 22, 4146-4153.	0.2	107
528	Fluids from the Oceanic Crust Support Microbial Activities within the Deep Biosphere. Geomicrobiology Journal, 2008, 25, 56-66.	1.0	96

#	Article	IF	CITATIONS
529	Assessment of gene expression in many samples using vertical arrays. Nucleic Acids Research, 2008, 36, e60-e60.	6.5	2
530	The Effects of Cold Acclimation on Photosynthetic Apparatus and the Expression of COR14b in Four Genotypes of Barley (Hordeum vulgare) Contrasting in their Tolerance to Freezing and High-light Treatment in Cold Conditions. Annals of Botany, 2008, 101, 689-699.	1.4	55
531	An Erythrocyte Vesicle Protein Exported by the Malaria Parasite Promotes Tubovesicular Lipid Import from the Host Cell Surface. PLoS Pathogens, 2008, 4, e1000118.	2.1	53
532	Consolidated strategy for the analysis of microarray spike-in data. Nucleic Acids Research, 2008, 36, e108-e108.	6.5	31
533	Pomegranate Juice Inhibits Sulfoconjugation in Caco-2 Human Colon Carcinoma Cells. Journal of Medicinal Food, 2008, 11, 623-628.	0.8	45
534	Functional expression of CXCR4 in somatotrophs: CXCL12 activates GH gene, GH production and secretion, and cellular proliferation. Journal of Endocrinology, 2008, 199, 191-199.	1.2	47
535	Quantification of <i>Phytophthora capsici</i> Oospores in Soil by Sieving-Centrifugation and Real-Time Polymerase Chain Reaction. Plant Disease, 2008, 92, 143-149.	0.7	43
536	Optimized Quantification of Unculturable <i>Candidatus</i> Liberibacter Spp. in Host Plants Using Real-Time PCR. Plant Disease, 2008, 92, 854-861.	0.7	88
537	Evaluation of Reference Genes for Quantitative RTâ€PCR in <i>Lolium perenne</i> . Crop Science, 2008, 48, 1881-1887.	0.8	39
538	Current and emerging assays for Francisella tularensis detection: a review. Veterinarni Medicina, 2008, 53, 585-594.	0.2	10
540	Biological Activity of Essential Oils from Leaves and Fruits of Pepper Tree (Schinus molle L.) to Control Rice Weevil (Sitophilus oryzae L.). Chilean Journal of Agricultural Research, 2009, 69, .	0.4	43
541	Accurate Strand-Specific Quantification of Viral RNA. PLoS ONE, 2009, 4, e7468.	1.1	96
542	Inventing molecular beacons., 0,, 19-47.		0
543	Older men with higher self-rated socioeconomic status have shorter telomeres. Age and Ageing, 2009, 38, 553-558.	0.7	40
544	Retinoic Acids Induce Neurosteroid Biosynthesis in Human Glial GI-1 Cells via the Induction of Steroidogenic Genes. Journal of Biochemistry, 2009, 146, 917-923.	0.9	20
545	Use of Chimeric DNA-RNA Primers in Quantitative PCR for Detection of <i>Ehrlichia canis</i> and <i>Babesia canis</i> . Applied and Environmental Microbiology, 2009, 75, 6393-6398.	1.4	7
546	The Beginnings of Real-Time PCR. Clinical Chemistry, 2009, 55, 833-834.	1.5	7
547	Company Amplification of <i>est î± 2</i> /i> / <i> est </i> /i> <i> î² 2</i> and Correlation Between Esterase Gene Copy Number and Resistance to Insecticides in the Field <i> Culex pipiens pallens </i> /i> Strains Collected From Beijing, China. Journal of Medical Entomology, 2009, 46, 539-545.	0.9	8

#	Article	IF	CITATIONS
548	Sensitive isothermal detection of nucleic-acid sequence by primer generation–rolling circle amplification. Nucleic Acids Research, 2009, 37, e19-e19.	6.5	185
549	Reverse restriction fragment length polymorphism (RRFLP): A novel technique for genotyping infectious laryngotracheitis virus (ILTV) live attenuated vaccines. Journal of Virological Methods, 2009, 160, 119-124.	1.0	9
550	Development of SYBR green I based one-step real-time RT-PCR assay for the detection and differentiation of very virulent and classical strains of infectious bursal disease virus. Journal of Virological Methods, 2009, 161, 271-279.	1.0	21
551	Reference genes evaluated for use in infectious pancreatic necrosis virus real-time RT-qPCR assay applied during different stages of an infection. Journal of Virological Methods, 2009, 162, 30-39.	1.0	30
552	Comparative EST transcript profiling of peach fruits under different post-harvest conditions reveals candidate genes associated with peach fruit quality. BMC Genomics, 2009, 10, 423.	1.2	63
553	The effect of proteoglycans inhibited by RNA interference on metastatic characters of human salivary adenoid cystic carcinoma. BMC Cancer, 2009, 9, 456.	1.1	20
554	A review of RT-PCR technologies used in veterinary virology and disease control: Sensitive and specific diagnosis of five livestock diseases notifiable to the World Organisation for Animal Health. Veterinary Microbiology, 2009, 139, 1-23.	0.8	183
555	Specific assessment of <i>BCR–ABL</i> transcript overexpression and imatinib resistance in chronic myeloid leukemia patients. European Journal of Haematology, 2009, 82, 292-300.	1.1	15
556	Age-related expression of adenosine receptors in brain from the senescence-accelerated mouse. Experimental Gerontology, 2009, 44, 453-461.	1.2	36
557	Early gene expression profiles of patients with chronic hepatitis C treated with pegylated interferon-alfa and ribavirin. Hepatology, 2009, 49, 763-774.	3.6	40
558	Checklist for optimization and validation of realâ€time PCR assays. Journal of Clinical Laboratory Analysis, 2009, 23, 145-151.	0.9	146
559	Comparison of cyclooxygenase-2 and CD44 mRNA expression in colorectal cancer and its relevance for prognosis. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2009, 454, 381-387.	1.4	13
562	Another formula for calculating the gene change rate in real-time RT-PCR. Molecular Biology Reports, 2009, 36, 2165-2168.	1.0	53
563	Detection of Malaysian methicillin-resistant Staphylococcus aureus (MRSA) clinical isolates using simplex and duplex real-time PCR. World Journal of Microbiology and Biotechnology, 2009, 25, 253-258.	1.7	8
564	A Convenient Thiazole Orange Fluorescence Assay for the Evaluation of DNA Duplex Hybridization Stability. Molecular Imaging and Biology, 2009, 11, 439-445.	1.3	4
565	A Rapid and Simple DNA Extraction Procedure to Detect Salmonella spp. and Listeria monocytogenes from Fresh Produce Using Real-time PCR. Food Analytical Methods, 2009, 2, 96-101.	1.3	19
566	Comparative Evaluation of RTi-PCR and Mini-VIDAS SLM System as Predictive Tools for the Routine Detection of Salmonella spp. in Naturally Contaminated Food Products. Food Analytical Methods, 2009, 2, 102-109.	1.3	7
567	Real-time quantification of wild-type contaminants in glyphosate tolerant soybean. BMC Biotechnology, 2009, 9, 16.	1.7	4

#	Article	IF	CITATIONS
568	The design, synthesis and characterization of a novel acceptor for real time polymerase chain reaction using both computational and experimental approaches. Dyes and Pigments, 2009, 83, 111-120.	2.0	11
569	Therapeutic Targeting of "DARPP-32― International Review of Neurobiology, 2009, 88, 199-222.	0.9	25
570	High Density Labeling of Polymerase Chain Reaction Products with the Fluorescent Base Analogue tCo. Analytical Chemistry, 2009, 81, 9079-9085.	3.2	25
571	Rapid detection of bacterial cell from whole blood: Integration of DNA sample preparation into single micro-PCR chip. , 2009, , .		0
572	Peripheral blood mitochondrial DNA content and dysregulation of glucose metabolism. Diabetes Research and Clinical Practice, 2009, 83, 94-99.	1.1	57
573	Reduced expression and desensitization of adenosine A1 receptor/adenylyl cyclase pathway after chronic (â^*)N6-phenylisopropyladenosine intake during pregnancy. Neuroscience, 2009, 163, 524-532.	1.1	12
574	Fasting induced up-regulation of activating transcription factor 5 in mouse liver. Life Sciences, 2009, 84, 894-902.	2.0	25
575	An assessment of organ and intestinal histomorphology and cellular stress response in Atlantic salmon (Salmo salar L.) fed genetically modified Roundup Ready® soy. Aquaculture, 2009, 298, 101-110.	1.7	19
576	Development of a new genotyping assay for detection of the <i>BDNF</i> Val66Met polymorphism using melting-curve analysis. Pharmacogenomics, 2009, 10, 989-995.	0.6	6
577	Analysis and Troubleshooting. , 2009, , 247-263.		0
578	Real-Time PCR – The Basic Principles. , 2009, , 27-46.		2
579	Development of rapid, automated diagnostics for infectious disease: advances and challenges. Expert Review of Medical Devices, 2009, 6, 641-651.	1.4	38
580	Accurate Real-time Reverse Transcription Quantitative PCR. Methods in Molecular Biology, 2009, 479, 61-77.	0.4	33
581	2D-PCR: a method of mapping DNA in tissue sections. Lab on A Chip, 2009, 9, 3526.	3.1	5
582	Effects of Cytochrome P450 Inducers on the Gene Expression of Ocular Xenobiotic Metabolizing Enzymes in Rats. Journal of Health Science, 2009, 55, 923-929.	0.9	6
583	Time course of expression of the retinoid X receptor gene and induction of imposex in the rock shell, Thais clavigera, exposed to triphenyltin chloride. Analytical and Bioanalytical Chemistry, 2010, 396, 597-607.	1.9	31
584	Comparison of nine different real-time PCR chemistries for qualitative and quantitative applications in GMO detection. Analytical and Bioanalytical Chemistry, 2010, 396, 2023-2029.	1.9	125
585	Direct colorimetric diagnosis of pathogen infections by utilizing thiol-labeled PCR primers and unmodified gold nanoparticles. Biosensors and Bioelectronics, 2010, 25, 1941-1946.	5.3	77

#	Article	IF	CITATIONS
586	Proteomic Profiling of Liver from Atlantic Salmon (Salmo salar) Fed Genetically Modified Soy Compared to the Near-Isogenic non-GM Line. Marine Biotechnology, 2010, 12, 273-281.	1.1	30
587	Analysis of Newcastle disease virus quasispecies and factors affecting the emergence of virulent virus. Archives of Virology, 2010, 155, 1607-1615.	0.9	15
588	Telomere length in blood cells and breast cancer risk: investigations in two case–control studies. Breast Cancer Research and Treatment, 2010, 120, 769-775.	1.1	40
589	Glutamate Differently Modulates Metabotropic Glutamate Receptors in Neuronal and Glial Cells. Neurochemical Research, 2010, 35, 1050-1063.	1.6	9
590	Novel application of Locked Nucleic Acid chemistry for a Taqman assay for measuring diverse human immunodeficiency virus type 1 subtypes. Journal of Virological Methods, 2010, 170, 115-120.	1.0	18
591	Toward routine, DNA-based detection methods for marine pests. Biotechnology Advances, 2010, 28, 706-714.	6.0	54
592	Prevalence and quantification of Shiga-toxin producing Escherichia coli along the lamb food chain by quantitative PCR. International Journal of Food Microbiology, 2010, 141, S163-S169.	2.1	20
593	A real-time PCR assay for detection and quantification of 2-branched (1,3)-β-d–glucan producing lactic acid bacteria in cider. International Journal of Food Microbiology, 2010, 143, 26-31.	2.1	18
595	RFLP analysis and allelic discrimination with realâ€time PCR using the human lactase persistence trait. Biochemistry and Molecular Biology Education, 2010, 38, 167-171.	0.5	9
596	Maternal caffeine intake during gestation and lactation downâ€regulates adenosine A ₁ receptor in rat brain from mothers and neonates. Journal of Neuroscience Research, 2010, 88, 1252-1261.	1.3	32
597	Multiplex real-time qPCR for the detection of Ehrlichia canis and Babesia canis vogeli. Veterinary Parasitology, 2010, 173, 292-299.	0.7	58
598	Substantial performance discrepancies among commercially available kits for reverse transcription quantitative polymerase chain reaction: A systematic comparative investigator-driven approach. Analytical Biochemistry, 2010, 401, 303-311.	1.1	36
599	Different Patterns of Physiological and Molecular Response to Drought in Seedlings of Malt―and Feedâ€ŧype Barleys (<i>Hordeum vulgare</i>). Journal of Agronomy and Crop Science, 2010, 196, 9-19.	1.7	56
600	Real-Time Relative qPCR without Reference to Control Samples and Estimation of Run-Specific PCR Parameters from Run-Internal Mini-Standard Curves. PLoS ONE, 2010, 5, e11723.	1.1	7
601	DNA Quantitation., 2010, , 111-124.		0
602	Measuring Human Cytokine Responses. Methods in Microbiology, 2010, , 439-496.	0.4	0
603	New approach to real-time nucleic acids detection: folding polymerase chain reaction amplicons into a secondary structure to improve cleavage of Förster resonance energy transfer probes in 5′-nuclease assays. Nucleic Acids Research, 2010, 38, e29-e29.	6.5	21
604	Quantitative PCR., 2010,, 3-14.		2

#	Article	IF	CITATIONS
605	Zebrafish ($\langle i \rangle$ Danio rerio $\langle i \rangle$) as a model for investigating the safety of GM feed ingredients (soya and) Tj ETQq0 Nutrition, 2010, 103, 3-15.	0 0 rgBT / 1.2	Overlock 10 ³
606	PrimerBank: a resource of human and mouse PCR primer pairs for gene expression detection and quantification. Nucleic Acids Research, 2010, 38, D792-D799.	6.5	739
607	Association between a common mitochondrial DNA D-loop polycytosine variant and alteration of mitochondrial copy number in human peripheral blood cells. Journal of Medical Genetics, 2010, 47, 723-728.	1.5	67
609	The Renilla luciferase gene as a reference gene for normalization of gene expression in transiently transfected cells. BMC Molecular Biology, 2010, 11, 103.	3.0	15
610	Exploring the limits of ultrafast polymerase chain reaction using liquid for thermal heat exchange: A proof of principle. Applied Physics Letters, 2010, 97, 264101.	1.5	39
611	Effects of Neonatal Exposure to Bisphenol A on Steroid Regulation of Vascular Endothelial Growth Factor Expression and Endothelial Cell Proliferation in the Adult Rat Uterus1. Biology of Reproduction, 2010, 82, 86-95.	1.2	51
612	Changes in Gene Expression of Caveolin-1 After Inflammatory Pain Using Quantitative Real-Time PCR. Methods in Molecular Biology, 2010, 630, 187-197.	0.4	1
613	Real-Time Polymerase Chain Reaction. , 2010, , 87-105.		2
614	Glutamate differently modulates excitatory and inhibitory adenosine receptors in neuronal and glial cells. Neurochemistry International, 2010, 57, 33-42.	1.9	7
615	Mitochontrial DNA copy number in peripheral blood in polycystic ovarian syndrome. Fertility and Sterility, 2010, 94, S192.	0.5	0
616	Mitochondrial DNA copy number in peripheral blood is associated with cognitive function in apparently healthy elderly women. Clinica Chimica Acta, 2010, 411, 592-596.	0.5	62
617	Taking qPCR to a higher level: Analysis of CNV reveals the power of high throughput qPCR to enhance quantitative resolution. Methods, 2010, 50, 271-276.	1.9	179
618	Quality control for quantitative PCR based on amplification compatibility test. Methods, 2010, 50, 308-312.	1.9	40
619	The ongoing evolution of qPCR. Methods, 2010, 50, 215-216.	1.9	44
620	Identification and quantification of Fusarium oxysporum in planta and soil by means of an improved specific and quantitative PCR assay. Applied Soil Ecology, 2010, 46, 372-382.	2.1	59
621	Application of single nucleotide polymorphisms to nonâ€model species: a technical review. Molecular Ecology Resources, 2010, 10, 915-934.	2.2	177
622	Factor V Leiden and FII 20210 testing in thromboembolic disorders. Clinical Chemistry and Laboratory Medicine, 2010, 48, S79-87.	1.4	3
623	Early, rapid and sensitive veterinary molecular diagnostics - real time PCR applications. , 2010, , .		16

#	Article	IF	CITATIONS
624	Quantitative PCR Techniques. , 2010, , 449-489.		0
625	Genomics Approach to Bioremediation. , 2010, , 206-244.		1
626	Detection and quantitation of <i>gallid herpesvirus</i> li>1 in avian samples by 5′ <i>Taq</i> nuclease assay utilizing Minor Groove Binder technology. Avian Pathology, 2010, 39, 47-52.	0.8	5
627	Instantaneous derivatization technology for the simultaneous and homogeneous detection of multiple double-stranded PCR amplicons. Analyst, The, 2011, 136, 3981.	1.7	0
628	Detection of reverse transcription-PCR products by a simple and rapid light scattering technique. Analyst, The, 2011, 136, 4467.	1.7	1
629	Nine Orders of Magnitude Dynamic Range: Picomolar to Millimolar Concentration Measurement in Capillary Electrophoresis with Laser Induced Fluorescence Detection Employing Cascaded Avalanche Photodiode Photon Counters. Analytical Chemistry, 2011, 83, 2748-2753.	3.2	37
630	Analysis of differentially expressed genes in leaf rust infected bread wheat involving seedling resistance gene Lr28. Functional Plant Biology, 2011, 38, 479.	1.1	17
631	Performance and Clinical Evaluation of the 92-Gene Real-Time PCR Assay for Tumor Classification. Journal of Molecular Diagnostics, 2011, 13, 493-503.	1.2	93
632	Modulation of Adenosine Receptors by [60]Fullerene Hydrosoluble Derivative in SK-N-MC Cells. ACS Chemical Neuroscience, 2011, 2, 363-369.	1.7	6
633	On-chip real-time nucleic acid sequence-based amplification for RNA detection and amplification. Analytical Methods, 2011, 3, 2127.	1.3	16
634	Integrated Microfluidic Systems for DNA Analysis. Topics in Current Chemistry, 2011, 304, 203-260.	4.0	31
635	Miniaturized bead-beating device to automate full DNA sample preparation processes for Gram-positive bacteria. Lab on A Chip, 2011, 11, 3649.	3.1	28
636	DNA Profiling and forensic dentistry $\hat{a}\in$ A review of the recent concepts and trends. Journal of Clinical Forensic and Legal Medicine, 2011, 18, 191-197.	0.5	36
637	One-PCR-tube approach for in situ DNA isolation and detection. Analyst, The, 2011, 136, 4254.	1.7	6
639	Microbes and Microbial Technology. , 2011, , .		50
640	Abdominal subcutaneous fat gene expression and circulating levels of leptin and adiponectin in polycystic ovary syndrome. Fertility and Sterility, 2011, 95, 2044-2049.	0.5	65
641	Using Nuclear Run-On Transcription Assays in RNAi Studies. Methods in Molecular Biology, 2011, 744, 199-209.	0.4	4
642	Biofilm formation on stainless steel by Staphylococcus epidermidis in milk and influence of glucose and sodium chloride on the development of ica-mediated biofilms. International Dairy Journal, 2011, 21, 179-184.	1.5	18

#	Article	IF	CITATIONS
643	Quantitative and qualitative analyses of methanogenic community development in high-rate anaerobic bioreactors. Water Research, 2011, 45, 1298-1308.	5. 3	87
644	CYP19 gene expression in subcutaneous adipose tissue is associated with blood pressure in women with polycystic ovary syndrome. Steroids, 2011, 76, 1383-1388.	0.8	10
645	Aspects of systems theory in the analysis and validation of innovative molecular-biological based food pathogen detection methods. Trends in Food Science and Technology, 2011, 22, 61-71.	7.8	17
646	The challenge of merging food safety diagnostic needs with quantitative PCR platforms. Trends in Food Science and Technology, 2011, 22, S30-S38.	7.8	53
647	Understanding the behavior of foodborne pathogens in the food chain: New information for risk assessment analysis. Trends in Food Science and Technology, 2011, 22, S21-S29.	7.8	28
648	Megadose vitamin C suppresses sulfoconjugation in human colon carcinoma cell line Caco-2. Toxicology in Vitro, 2011, 25, 500-504.	1.1	6
649	Differential gene expression for bacterial wilt incidence in tomato (Solanum lycopersicum L.) revealed by cDNA-AFLP analysis. Physiological and Molecular Plant Pathology, 2011, 76, 197-203.	1.3	6
650	Maternal glutamate intake during gestation and lactation regulates adenosine A1 and A2A receptors in rat brain from mothers and neonates. Neuroscience, 2011, 199, 133-142.	1.1	8
651	An analysis of single and multi-copy methods for DNA quantitation by real-time polymerase chain reaction. Forensic Science International: Genetics, 2011, 5, 185-193.	1.6	14
652	Rapid screening for Native American mitochondrial and Y-chromosome haplogroups detection in routine DNA analysis. Forensic Science International: Genetics, 2011, 5, 105-108.	1.6	28
653	Proteomic Approach to Evaluate Mechanisms That Contribute to Food Allergenicity: Comparative 2D-DIGE Analysis of Radioallergosorbent Test Positive and Negative Patients. International Journal of Proteomics, 2011, 2011, 1-13.	2.0	4
654	Identification of Homozygous Male Plants by Quantitative Analysis of a Nucleotide Sequence Linked to the Sex-determination Locus in Asparagus officinalis L Japanese Society for Horticultural Science, 2011, 80, 308-313.	0.8	2
655	Excision of an Unstable Pathogenicity Island in Salmonella enterica Serovar Enteritidis Is Induced during Infection of Phagocytic Cells. PLoS ONE, 2011, 6, e26031.	1.1	31
656	Coffee Induces 11.BETAHydroxysteroid Dehydrogenase Type 2 Activity in Human Placental Choriocarcinoma Cells, JEG-3. Journal of Health Science, 2011, 57, 436-441.	0.9	2
657	Real-Time PCR Quantification of <i>Peronospora arborescens</i> , the Opium Poppy Downy Mildew Pathogen, in Seed Stocks and Symptomless Infected Plants. Plant Disease, 2011, 95, 143-152.	0.7	35
658	Flow in a rapidly rotating coneâ€shaped PCRâ€tube. International Journal of Numerical Methods for Heat and Fluid Flow, 2011, 21, 717-735.	1.6	0
659	Mitochondrial DNA copy number in peripheral blood in polycystic ovary syndrome. Metabolism: Clinical and Experimental, 2011, 60, 1677-1682.	1,5	54
660	Desensitization of adenosine A1 receptors in rat immature cortical neurons. European Journal of Pharmacology, 2011, 670, 365-371.	1.7	13

#	Article	IF	CITATIONS
661	Development and evaluation of DNA and RNA real-time assays for food analysis using the hilA gene of Salmonella enterica subspecies enterica. Food Microbiology, 2011, 28, 447-456.	2.1	25
662	Detection and quantification of spoilage and pathogenic Bacillus cereus, Bacillus subtilis and Bacillus licheniformis by real-time PCR. Food Microbiology, 2011, 28, 605-610.	2.1	68
663	Comparison between conventional and qPCR methods for enumerating Campylobacter jejuni in a poultry processing plant. Food Microbiology, 2011, 28, 1353-1358.	2.1	28
664	Real-time polymerase chain reaction for the quantitative detection of tetA and tetB bacterial tetracycline resistance genes in food. International Journal of Food Microbiology, 2011, 146, 284-289.	2.1	43
665	Applying molecular-based approaches to classical biological control of weeds. Biological Control, 2011, 58, 1-21.	1.4	114
666	Use of Base Modifications in Primers and Amplicons to Improve Nucleic Acids Detection in the Real-Time Snake Polymerase Chain Reaction. Assay and Drug Development Technologies, 2011, 9, 58-68.	0.6	6
667	Comprehensive next-generation cancer genome sequencing in the era of targeted therapy and personalized oncology. Biomarkers in Medicine, 2011, 5, 293-305.	0.6	83
668	RNA diagnostics: realâ€time RTâ€PCR strategies and promising novel target RNAs. Wiley Interdisciplinary Reviews RNA, 2011, 2, 32-41.	3.2	26
669	Alteration of Interferon- $\hat{l}\pm\hat{l}^2$ Receptors in Chronic Hepatitis B Patients. Journal of Clinical Immunology, 2011, 31, 521-532.	2.0	10
670	Electrical detection of dsDNA and polymerase chain reaction amplification. Biomedical Microdevices, 2011, 13, 973-982.	1.4	25
671	Single nucleotide polymorphism genotyping by heteroduplex analysis in sunflower (Helianthus) Tj ETQq0 0 0 rgB	Γ /Oyerlocl	k 18 Tf 50 34
672	A review of the evolution of viviparity in squamate reptiles: the past, present and future role of molecular biology and genomics. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2011, 181, 575-594.	0.7	53
673	A construct-specific qualitative and quantitative PCR detection method of transgenic maize BVLA430101. European Food Research and Technology, 2011, 233, 117-122.	1.6	7
674	Experimental validation of a fundamental model for PCR efficiency. Chemical Engineering Science, 2011, 66, 1783-1789.	1.9	3
675	Rapid detection of bacterial cell from whole blood: Integration of DNA sample preparation into single micro-PCR chip. Sensors and Actuators B: Chemical, 2011, 154, 46-51.	4.0	28
676	Involvement of rat gonadotrope progesterone receptor in the ovary-mediated inhibitory action of FSH on LH synthesis. Journal of Physiology and Biochemistry, 2011, 67, 145-151.	1.3	5
677	Fluorescence detection by miniaturized instrumentation based on non-cooled CCD minicamera and dedicated for lab-on-a-chip applications. Biochip Journal, 2011, 5, 271-279.	2.5	24
678	SYTO dyes and EvaGreen outperform SYBR Green in real-time PCR. BMC Research Notes, 2011, 4, 263.	0.6	101

#	Article	IF	Citations
679	Real-time PCR analysis of enteric pathogens from fecal samples of irritable bowel syndrome subjects. Gut Pathogens, 2011 , 3 , 6 .	1.6	57
680	pcrEfficiency: a Web tool for PCR amplification efficiency prediction. BMC Bioinformatics, 2011, 12, 404.	1.2	58
681	Analysis of the ArcA regulon in anaerobically grown Salmonella enterica sv. Typhimurium. BMC Microbiology, 2011, 11, 58.	1.3	72
682	Labelâ€Free Colorimetric Detection of Nucleic Acids Based on Targetâ€Induced Shielding Against the Peroxidaseâ€Mimicking Activity of Magnetic Nanoparticles. Small, 2011, 7, 1521-1525.	5.2	145
683	Real-time colorimetric detection of target DNA using isothermal target and signaling probe amplification and gold nanoparticle cross-linking assay. Biosensors and Bioelectronics, 2011, 26, 1953-1958.	5.3	27
684	Effect of transition metal ions on the fluorescence and Taq-catalyzed polymerase chain reaction of tricyclic cytidine analogs. Analytical Biochemistry, 2011, 416, 53-60.	1.1	4
685	Colorimetric inorganic pyrophosphate assay using a double cycling enzymatic method. Analytical Biochemistry, 2011, 416, 61-66.	1.1	7
686	Characterizing Bacterial Gene Expression in Nitrogen Cycle Metabolism with RT-qPCR. Methods in Enzymology, 2011, 496, 345-372.	0.4	15
687	Are apparent negative effects of feeding GM MON810 maize to Atlantic salmon, Salmo salar, caused by confounding factors?. British Journal of Nutrition, 2011, 106, 42-56.	1.2	20
688	Scaffolding function of the Chlamydomonas procentriole protein CRC70, a member of the conserved Cep70 family. Journal of Cell Science, 2011, 124, 2964-2975.	1.2	14
689	Rapid Detection of Fluoroquinolone-Resistant and Heteroresistant Mycobacterium tuberculosis by Use of Sloppy Molecular Beacons and Dual Melting-Temperature Codes in a Real-Time PCR Assay. Journal of Clinical Microbiology, 2011, 49, 932-940.	1.8	48
690	Detection of MET and SOX2 amplification by quantitative real-time PCR in non-small cell lung carcinoma. Oncology Letters, 2011, 2, 257-264.	0.8	10
691	Real-Time Detection of Loop-Mediated Isothermal Amplification Reaction on Microfluidic Chip., 2011, , .		3
692	In Planta and Soil Quantification of <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> and Evaluation of Fusarium Wilt Resistance in Chickpea with a Newly Developed Quantitative Polymerase Chain Reaction Assay. Phytopathology, 2011, 101, 250-262.	1.1	50
693	Strict Sex-Specific mtDNA Segregation in the Germ line of the DUI Species Venerupis philippinarum (Bivalvia: Veneridae). Molecular Biology and Evolution, 2011, 28, 949-961.	3.5	73
694	A Novel Poisson Distribution-Based Approach for Testing Boundaries of Real-Time PCR Assays for Food Pathogen Quantification. Journal of Food Protection, 2011, 74, 1404-1412.	0.8	24
695	Quantification of $\langle i \rangle$ Venturia inaequalis $\langle i \rangle$ Growth in $\langle i \rangle$ Malus $\langle i \rangle$ × $\langle i \rangle$ domestica $\langle i \rangle$ with Quantitative Real-Time Polymerase Chain Reaction. Plant Disease, 2012, 96, 1791-1797.	0.7	24
696	Sensitive RNA detection by combining three-way junction formation and primer generation-rolling circle amplification. Nucleic Acids Research, 2012, 40, e22-e22.	6.5	68

#	Article	IF	CITATIONS
697	Ethidium bromide as a marker of mtDNA replication in living cells. Journal of Biomedical Optics, 2012, 17, 046001.	1.4	6
698	Correction of RT–qPCR data for genomic DNA-derived signals with ValidPrime. Nucleic Acids Research, 2012, 40, e51-e51.	6.5	75
699	Array-based comparative genomic hybridization–guided identification of reference genes for normalization of real-time quantitative polymerase chain reaction assay data for lymphomas, histiocytic sarcomas, and osteosarcomas of dogs. American Journal of Veterinary Research, 2012, 73, 1335-1343.	0.3	12
700	Transcriptional and Enzymatic Profiling of Pleurotus ostreatus Laccase Genes in Submerged and Solid-State Fermentation Cultures. Applied and Environmental Microbiology, 2012, 78, 4037-4045.	1.4	78
701	Reference genes in the developing murine brain and in differentiating embryonic stem cells. Neurological Research, 2012, 34, 664-668.	0.6	14
702	Gene expression-based diagnostics for molecular cancer classification of difficult to diagnose tumors. Expert Opinion on Medical Diagnostics, 2012, 6, 407-419.	1.6	6
703	Setting up a gene expression study for tissue cells by method of quantitative real-time PCR. Acta Agriculturae Slovenica, $2012, 100, .$	0.2	1
705	DNA Quantitation., 2012,, 49-67.		4
706	Visualizing Group II Intron Catalysis through the Stages of Splicing. Cell, 2012, 151, 497-507.	13.5	155
707	Fundamental Approaches in Molecular Biology for Communication Sciences and Disorders. Journal of Speech, Language, and Hearing Research, 2012, 55, 1220-1231.	0.7	4
708	ACC Oxidase and ACC Synthase Expression Profiles after Leaning of Young Radiata (P. radiata D. Don) and Maritime Pine (P. pinaster Ait.) Seedlings. Journal of Plant Growth Regulation, 2012, 31, 382-391.	2.8	13
709	Development of multiplex real-time quantitative PCR for simultaneous detection of Chlamydia trachomatis and Ureaplasma parvum. Clinical Biochemistry, 2012, 45, 663-667.	0.8	11
710	Ocean viruses: Rigorously evaluating the metagenomic sample-to-sequence pipeline. Virology, 2012, 434, 181-186.	1.1	82
711	Application of quantitative real-time polymerase chain reaction on the assessment of organophosphorus compound degradation in in situ soil. Journal of the Korean Society for Applied Biological Chemistry, 2012, 55, 757-763.	0.9	3
712	Effect of supplementation with different fat sources on the mechanisms involved in reproductive performance in lactating dairy cattle. Theriogenology, 2012, 78, 12-27.	0.9	30
713	Protocol for the Use of Self-Reporting Duplex Mutation Primers to Detect PCR Products in the Diagnosis of HBV. Methods in Molecular Biology, 2012, 903, 255-261.	0.4	0
714	Development of a quantitative polymerase chain reaction (qPCR) assay for the detection of dwarf gourami iridovirus (DGIV) and other megalocytiviruses and comparison with the Office International des Epizooties (OIE) reference PCR protocol. Aquaculture, 2012, 358-359, 155-163.	1.7	39
715	Quantitative real-time PCR (qPCR) detection chemistries affect enumeration of the Dehalococcoides 16S rRNA gene in groundwater. Journal of Microbiological Methods, 2012, 88, 263-270.	0.7	33

#	ARTICLE	IF	CITATIONS
716	The presence of the â^866A/55Val/Ins haplotype in the uncoupling protein 2 (UCP2) gene is associated with decreased UCP2 gene expression in human retina. Experimental Eye Research, 2012, 94, 49-55.	1.2	14
717	Development and validation of an accurate quantitative real-time polymerase chain reaction–based assay for human blastocyst comprehensive chromosomal aneuploidy screening. Fertility and Sterility, 2012, 97, 819-824.e2.	0.5	219
718	Reference Genes for the Normalization of Gene Expression in Eucalyptus Species. Plant and Cell Physiology, 2012, 53, 405-422.	1.5	69
719	ABO blood group genotyping by quenching probe method. Molecular and Cellular Probes, 2012, 26, 198-203.	0.9	2
720	Gene number determination and genetic polymorphism of the gamma delta T cell co-receptor WC1 genes. BMC Genetics, 2012, 13, 86.	2.7	32
721	GMO detection using a bioluminescent real time reporter (BART) of loop mediated isothermal amplification (LAMP) suitable for field use. BMC Biotechnology, 2012, 12, 15.	1.7	113
722	Development and application of a TaqMan real-time PCR assay for rapid detection of Magnaporthe poae. Mycologia, 2012, 104, 1250-1259.	0.8	15
723	Molecular Techniques. , 2012, , 407-461.		1
724	I See the Light! And I See It Again and Again!. Clinical Chemistry, 2012, 58, 1505-1506.	1.5	4
725	Construction of low melting point agarose emulsion PCR amplification complex gene sequence. Journal of Genetic Engineering and Biotechnology, 2012, 10, 239-245.	1.5	O
726	Detection and quantification of a radiation-associated mitochondrial DNA deletion by a nested real-time PCR in human peripheral lymphocytes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 749, 53-59.	0.9	3
727	Genotyping of Single Nucleotide Polymorphisms by 5′ Nuclease Allelic Discrimination. Methods in Molecular Biology, 2012, 882, 173-182.	0.4	26
728	Orexin A Suppresses the Growth of Rat C6 Glioma Cells via a Caspase-Dependent Mechanism. Journal of Molecular Neuroscience, 2012, 48, 706-712.	1.1	33
731	Robust Quantification of Polymerase Chain Reactions Using Global Fitting. PLoS ONE, 2012, 7, e37640.	1.1	56
732	Accurate Estimation of Nucleic Acids by Amplification Efficiency Dependent PCR. PLoS ONE, 2012, 7, e42063.	1,1	11
733	Avoiding Pitfalls of Internal Controls: Validation of Reference Genes for Analysis by qRT-PCR and Western Blot throughout Rat Retinal Development. PLoS ONE, 2012, 7, e43028.	1.1	64
734	Real-Time PCR for Gene Expression Analysis. , 2012, , .		3
735	Overview of Real-Time PCR Principles. , 0, , .		1

#	Article	IF	CITATIONS
736	Application of Molecular Diagnostic Techniques for Viral Testing. The Open Virology Journal, 2012, 5, 104-114.	1.8	56
737	The C Allele of â^634G/C Polymorphism in the <i>VEGFA</i> Gene Is Associated with Increased <i>VEGFA</i> Gene Expression in Human Retinal Tissue., 2012, 53, 6411.		17
738	BRAF V600E Mutation Detection Using High Resolution Probe Melting Analysis. , 0, , .		0
740	Antibiotic Resistance in Staphylococcus Species of Animal Origin. , 2012, , .		1
742	The <i>UCP1</i> â^3826A/G Polymorphism Is Associated with Diabetic Retinopathy and Increased <i>UCP1</i> and <i>MnSOD2</i> Gene Expression in Human Retina., 2012, 53, 7449.		35
743	Studies on PCR-Based Rapid Detection Systems for Salmonella spp , 0, , .		3
744	L-arginine in the ischemic phase protects against liver ischemia-reperfusion injury. Acta Cirurgica Brasileira, 2012, 27, 616-623.	0.3	16
745	Polymerase Chain Reaction: Types, Utilities and Limitations. , 2012, , .		2
746	Proteomic tracking and analysis of a bacterial mixed culture. Proteomics, 2012, 12, 1893-1901.	1.3	21
747	Simple Absolute Quantification Method Correcting for Quantitative PCR Efficiency Variations for Microbial Community Samples. Applied and Environmental Microbiology, 2012, 78, 4481-4489.	1.4	179
749	Rapid, Sensitive, and Quantitative Detection of Pathogenic DNA at the Point of Care through Microfluidic Electrochemical Quantitative Loopâ€Mediated Isothermal Amplification. Angewandte Chemie - International Edition, 2012, 51, 4896-4900.	7.2	230
750	The microbiology of metalworking fluids. Applied Microbiology and Biotechnology, 2012, 94, 1119-1130.	1.7	40
751	Populations and potential association of Saccharomyces cerevisiae with lactic acid bacteria in naturally fermented Korean rice wine. Food Science and Biotechnology, 2012, 21, 419-424.	1.2	11
752	Application of propidium monoazide-qPCR to evaluate the ultrasonic inactivation of Escherichia coli O157:H7 in fresh-cut vegetable wash water. Food Microbiology, 2012, 30, 316-320.	2.1	78
753	Detection and quantification of meat species by qPCR in heat-processed food containing highly fragmented DNA. Food Chemistry, 2012, 134, 518-523.	4.2	44
754	Key strongylid nematodes of animals â€" Impact of next-generation transcriptomics on systems biology and biotechnology. Biotechnology Advances, 2012, 30, 469-488.	6.0	37
755	Xanthurenic acid is an endogenous substrate for the silkworm cytosolic sulfotransferase, bmST1. Journal of Insect Physiology, 2012, 58, 83-88.	0.9	6
756	High-level production of tetraacetyl phytosphingosine (TAPS) by combined genetic engineering of sphingoid base biosynthesis and L-serine availability in the non-conventional yeast Pichia ciferrii. Metabolic Engineering, 2012, 14, 172-184.	3.6	11

#	Article	IF	Citations
757	Transcriptional analysis of differentially expressed genes in response to stem inclination in young seedlings of pine. Plant Biology, 2012, 14, 923-933.	1.8	25
758	<i>Staphylococcus</i> prevails in the skin microbiota of longâ€ŧerm immunodeficient mice. Environmental Microbiology, 2012, 14, 2087-2098.	1.8	13
759	Molecular methods for analyzing the structure-function organization of genes and genomes in higher plants. Russian Journal of Genetics: Applied Research, 2012, 2, 243-251.	0.4	5
760	Orexins/Hypocretins Acting at Gi Protein-Coupled OX2 Receptors Inhibit Cyclic AMP Synthesis in the Primary Neuronal Cultures. Journal of Molecular Neuroscience, 2012, 46, 10-17.	1.1	29
761	Using the Taguchi method for rapid quantitative PCR optimization with SYBR Green I. International Journal of Legal Medicine, 2012, 126, 161-165.	1.2	17
762	Perinatal exposure to diethylstilbestrol alters the functional differentiation of the adult rat uterus. Journal of Steroid Biochemistry and Molecular Biology, 2013, 138, 1-9.	1.2	17
763	Real-Time Polymerase Chain Reaction (PCR) Quantitation of DNA., 2013,, 71-79.		0
764	Testing Designed Polymerase Chain Reaction (PCR) Primers in Multiplex Reactions. , 2013, , 89-95.		0
765	A Real-Time PCR/SYBR Green I Method for the Rapid Quantification of Salmonella enterica in Poultry Meat. Food Analytical Methods, 2013, 6, 1004-1015.	1.3	7
766	Error estimation in environmental DNA targets quantification due to PCR efficiencies differences between real samples and standards. Folia Microbiologica, 2013, 58, 657-662.	1.1	20
767	Anatomical changes of xylem cells in stem of Pinus radiata seedlings exposed to inclination and ethylene. Biologia Plantarum, 2013, 57, 525-530.	1.9	11
768	A Comparison of Real-Time PCR Protocols for the Quantitative Monitoring of Asymptomatic Olive Infections by <i>Verticillium dahliae</i> Pathotypes. Phytopathology, 2013, 103, 1058-1068.	1.1	33
769	Evaluation of a high-throughput, microfluidics platform for performing TaqManâ,, qPCR using formalin-fixed paraffin-embedded tumors. Bioanalysis, 2013, 5, 1623-1633.	0.6	7
770	Multiplex real-time PCR assays for the detection of group C rotavirus, astrovirus, and Subgenus F adenovirus in stool specimens. Journal of Virological Methods, 2013, 191, 141-147.	1.0	17
771	Reference genes for quantitative real-time PCR analysis in the model plant foxtail millet (Setaria) Tj ETQq0 0 0 rgE	3T/Qverlo	ck 10 Tf 50 1
772	Electrochemical method for monitoring the progress of polymerase chain reactions using Methylene blue as an indicator. Mikrochimica Acta, 2013, 180, 871-878.	2.5	6
773	Influencia de haplotipos de polimorfismos de CFH, HTRA1 y ARMS2 en la aparición de degeneración macular asociada a la edad. Archivos De La Sociedad Espanola De Oftalmologia, 2013, 88, 3-10.	0.1	6
774	A New Method for Quantitative Real-Time Polymerase Chain Reaction Data Analysis. Journal of Computational Biology, 2013, 20, 703-711.	0.8	62

#	Article	IF	CITATIONS
775	Culture-Independent Molecular Tools for Soil and Rhizosphere Microbiology. Diversity, 2013, 5, 581-612.	0.7	88
776	In-planta detection and monitorization of endophytic colonization by a Beauveria bassiana strain using a new-developed nested and quantitative PCR-based assay and confocal laser scanning microscopy. Journal of Invertebrate Pathology, 2013, 114, 128-138.	1.5	69
777	Non-phenotypic tests to detect and characterize antibiotic resistance mechanisms in Enterobacteriaceae. Diagnostic Microbiology and Infectious Disease, 2013, 77, 179-194.	0.8	74
778	Circulating levels and subcutaneous adipose tissue gene expression of pigment epithelium-derived factor in polycystic ovary syndrome and normal women: a case control study. Reproductive Biology and Endocrinology, 2013, 11, 77.	1.4	11
779	Effect of genotype on duodenal expression of nutrient transporter genes in dairy cows. Journal of Animal Science and Biotechnology, 2013, 4, 49.	2.1	3
780	Real-time isothermal RNA amplification of toxic marine microalgae using preserved reagents on an integrated microfluidic platform. Analyst, The, 2013, 138, 593-602.	1.7	19
781	Analysis of Suppressor of Cytokine Signalling (SOCS) Gene Expression by Real-Time Quantitative PCR. Methods in Molecular Biology, 2013, 967, 235-248.	0.4	4
782	Viable quantitative PCR for assessing the response of Candida albicans to antifungal treatment. Applied Microbiology and Biotechnology, 2013, 97, 341-349.	1.7	11
783	Evaluation of qPCR curve analysis methods for reliable biomarker discovery: Bias, resolution, precision, and implications. Methods, 2013, 59, 32-46.	1.9	197
784	The Role of the <i>qacA </i> Gene in Mediating Resistance to Quaternary Ammonium Compounds. Microbial Drug Resistance, 2013, 19, 160-167.	0.9	28
785	Molecular quantification of canine specific microRNA species. Research in Veterinary Science, 2013, 95, 562-568.	0.9	6
786	Cell Interactions at the Nanoscale: Piezoelectric Stimulation. IEEE Transactions on Nanobioscience, 2013, 12, 247-254.	2.2	16
787	Incorporate gene signature profiling into routine molecular testing. Applied & Translational Genomics, 2013, 2, 28-33.	2.1	3
788	Molecular methods for genotyping complex copy number polymorphisms. Genomics, 2013, 101, 86-93.	1.3	40
789	Influence of CFH, HTRA1 and ARMS2 haplotype polymorphisms in the development of age-related macular disease. Archivos De La Sociedad Espanola De Oftalmologia, 2013, 88, 3-10.	0.1	2
790	Gene expression quantitation by realâ€ŧime <scp>PCR</scp> . BJU International, 2013, 111, 157-158.	1.3	1
791	Cumulus and granulosa cell markers of oocyte and embryo quality. Fertility and Sterility, 2013, 99, 979-997.	0.5	224
792	Simultaneous DNA amplification and detection using a pH-sensing semiconductor system. Nature Methods, 2013, 10, 641-646.	9.0	300

#	ARTICLE	IF	Citations
793	Comparative evaluation of conventional polymerase chain reaction (PCR), with loop-mediated isothermal amplification and SYBR green I-based real-time PCR for the quantitation of porcine circovirus-1 DNA in contaminated samples destined for vaccine production. Journal of Virological Methods, 2013, 191, 1-8.	1.0	11
794	Advances in the diagnosis of key gastrointestinal nematode infections of livestock, with an emphasis on small ruminants. Biotechnology Advances, 2013, 31, 1135-1152.	6.0	57
795	Clinical Molecular Diagnostic Techniques: A Brief Review., 2013,, 19-36.		3
796	Novel singleâ€step multiplex realâ€time polymerase chain reaction assay for simultaneous quantification of hepatitis virus ⟨scp⟩A⟨ scp⟩, ⟨scp⟩B⟨ scp⟩, ⟨scp⟩C⟨ scp⟩, and ⟨scp⟩E⟨ scp⟩ in serum. Journal of Gastroenterology and Hepatology (Australia), 2013, 28, 1869-1876.	1.4	12
797	Direct detection of unamplified genomic DNA based on photo-induced silver ion reduction by DNA molecules. Chemical Communications, 2013, 49, 2350.	2.2	19
798	Gene Expression of Leptin and Long Leptin Receptor Isoform in Endometriosis: A Case-Control Study. Obstetrics and Gynecology International, 2013, 2013, 1-9.	0.5	8
799	Highly Precise Measurement of HIV DNA by Droplet Digital PCR. PLoS ONE, 2013, 8, e55943.	1.1	448
800	Oxidative Stress Induces Mitochondrial DNA Damage and Cytotoxicity through Independent Mechanisms in Human Cancer Cells. BioMed Research International, 2013, 2013, 1-8.	0.9	51
801	Genetic influences on plasma CFH and CFHR1 concentrations and their role in susceptibility to age-related macular degeneration. Human Molecular Genetics, 2013, 22, 4857-4869.	1.4	77
802	Twenty-Four Hour Energy Expenditure and Skeletal Muscle Gene Expression Changes After Bariatric Surgery. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E321-E327.	1.8	20
803	Next-Generation Molecular-Diagnostic Tools for Gastrointestinal Nematodes of Livestock, with an Emphasis on Small Ruminants. Advances in Parasitology, 2013, 83, 267-333.	1.4	39
804	Gene Expression and Growth as Indicators of Effects of the BP <i>Deepwater Horizon</i> Oil Spill on Spotted Seatrout (<i>Cynoscion nebulosus</i>). Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 1198-1209.	1.1	39
805	Use of extremely short $F\tilde{A}\P$ rster resonance energy transfer probes in real-time polymerase chain reaction. Nucleic Acids Research, 2013, 41, e191-e191.	6.5	1
806	Use of artificial DNA with multiple probe sites as reference DNA templates for quantitative real-time PCR to examine methanogen communities. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 417-421.	0.9	10
807	Characterization of the Reproductive Effects of the <i>Vgf</i> -Derived Peptide TLQP-21 in Female Rats: In vivo and in vitro Studies. Neuroendocrinology, 2013, 98, 38-50.	1.2	27
808	Expression analysis and identification of antimicrobial peptide transcripts from six North American frog species. Diseases of Aquatic Organisms, 2013, 104, 225-236.	0.5	4
809	THE +1245G/T POLYMORPHISMS IN THE COLLAGEN TYPE I ALPHA 1 (COL1A1) GENE IN POLISH SKIERS WITH ANTERIOR CRUCIATE LIGAMENT INJURY. Biology of Sport, 2013, 30, 57-60.	1.7	42
810	Proteomic profiling of bovine M. longissimus lumborum from Crossbred Aberdeen Angus and Belgian Blue sired steers varying in genetic merit for carcass weight1. Journal of Animal Science, 2013, 91, 654-665.	0.2	39

#	Article	IF	CITATIONS
811	Superior Cross-Species Reference Genes: A Blueberry Case Study. PLoS ONE, 2013, 8, e73354.	1.1	35
812	The A Allele of the rs1990760 Polymorphism in the IFIH1 Gene Is Associated with Protection for Arterial Hypertension in Type 1 Diabetic Patients and with Expression of This Gene in Human Mononuclear Cells. PLoS ONE, 2013, 8, e83451.	1.1	20
814	Enhanced Specificity of TPMT*2 Genotyping Using Unidirectional Wild-Type and Mutant Allele-Specific Scorpion Primers in a Single Tube. PLoS ONE, 2014, 9, e91824.	1.1	7
815	Relative expression of genes related with cold tolerance in temperate rice at the seedling stage. African Journal of Biotechnology, 2014, 13, 2506-2512.	0.3	3
817	High-power white LED-based system incorporating a CCD Offner imaging spectrometer for real-time fluorescence qPCR measurements. Measurement Science and Technology, 2014, 25, 125502.	1.4	3
818	Quantitative Real-Time PCR (qPCR) Workflow for Analyzing Staphylococcus aureus Gene Expression. Methods in Molecular Biology, 2014, 1373, 143-154.	0.4	15
819	Dynamics and control of DNA sequence amplification. Journal of Chemical Physics, 2014, 141, 164119.	1.2	4
820	Cloning and characterization of a xyloglucan endo-transglycosylase/hydrolase gene expressed in response to inclination in radiata pine seedlings. Tree Genetics and Genomes, 2014, 10, 1305-1315.	0.6	10
821	Rapid Detection and Quantification of Lanthanide lons Using High-Speed Polymerase Chain Reactions. Advanced Materials Research, 2014, 875-877, 749-754.	0.3	0
822	The stability region of the Streptomyces lividans plasmid plJ101 encodes a DNA-binding protein recognizing a highly conserved short palindromic sequence motif. Frontiers in Microbiology, 2014, 5, 499.	1.5	8
823	Rapid Detection of Listeria monocytogenes by Real-Time PCR in Processed Meat and Dairy Products. Journal of Food Protection, 2014, 77, 453-458.	0.8	20
824	Twenty Years of qPCR: A Mature Technology?. Methods in Molecular Biology, 2014, 1160, 1-3.	0.4	14
825	Mitochondrial DNA Copy Number in Peripheral Blood Is Independently Associated with Visceral Fat Accumulation in Healthy Young Adults. International Journal of Endocrinology, 2014, 2014, 1-7.	0.6	54
826	Identification and expression profiling of CLCuV-responsive transcripts in upland cotton (Gossypium) Tj ETQq1 1 ().784314 2.1	rgBT /Overl
827	Transcriptional regulation of the bidirectional hydrogenase by oxygen and light in two <i>Anabaena</i> species. New Zealand Journal of Botany, 2014, 52, 28-35.	0.8	2
828	Distribution of population-averaged observables in stochastic gene expression. Physical Review E, 2014, 89, 012715.	0.8	О
829	Molecular Methods in Food Safety Microbiology: Interpretation and Implications of Nucleic Acid Detection. Comprehensive Reviews in Food Science and Food Safety, 2014, 13, 551-577.	5.9	61
830	Effects on specific promoter DNA methylation in zebrafish embryos and larvae following benzo[a]pyrene exposure. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 163, 37-46.	1.3	71

#	Article	IF	Citations
831	Transovarial passage and transmission of LSDV by Amblyomma hebraeum, Rhipicephalus appendiculatus and Rhipicephalus decoloratus. Experimental and Applied Acarology, 2014, 62, 67-75.	0.7	34
832	Micro-scale modeling of pesticide degradation coupled to carbon turnover in the detritusphere: model description and sensitivity analysis. Biogeochemistry, 2014, 117, 185-204.	1.7	20
833	Quantitative Analysis of Copy Number Variants Based on Realâ€Time LightCycler PCR. Current Protocols in Human Genetics, 2014, 80, Unit 7.21	3.5	36
834	Choosing between RT-qPCR and RNA-seq: a back-of-the-envelope estimate towards the definition of the break-even-point. Analytical and Bioanalytical Chemistry, 2014, 406, 3533-6.	1.9	18
835	Realâ€Time PCR. Current Protocols in Essential Laboratory Techniques, 2014, 8, 10.3.1.	2.6	14
836	Comparison of droplet digital PCR and quantitative real-time PCR for examining population dynamics of bacteria in soil. Applied Microbiology and Biotechnology, 2014, 98, 6105-6113.	1.7	77
837	Continuous flow real-time PCR device using multi-channel fluorescence excitation and detection. Lab on A Chip, 2014, 14, 562-568.	3.1	46
838	Comparing real-time quantitative polymerase chain reaction analysis methods for precision, linearity, and accuracy of estimating amplification efficiency. Analytical Biochemistry, 2014, 449, 76-82.	1.1	51
839	An Investigation of PCR Inhibition Using Plexor [®] â€Based Quantitative PCR and Short Tandem Repeat Amplification. Journal of Forensic Sciences, 2014, 59, 1517-1529.	0.9	34
840	Gene Expression Profiling in Pancreatic Cancer. , 2014, , 151-167.		0
841	Multiplexed, lateral flow, polymerase chain reaction (PCR) techniques for biological identification., 2014, , 54-68.		1
842	Long-term ovariectomy increases BDNF gene methylation status in mouse hippocampus. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 243-252.	1.2	17
843	High-throughput and sensitive next-generation droplet digital PCR assay for the quantitation of the hepatitis C virus mutation at core amino acid 70. Journal of Virological Methods, 2014, 207, 169-177.	1.0	23
844	The specific diagnosis of gastrointestinal nematode infections in livestock: Larval culture technique, its limitations and alternative DNA-based approaches. Veterinary Parasitology, 2014, 205, 619-628.	0.7	40
845	Telomere length is associated with decline in grip strength in older persons aged 65Âyears and over. Age, 2014, 36, 9711.	3.0	37
846	[60]Fullerene derivative modulates adenosine and metabotropic glutamate receptors gene expression: a possible protective effect against hypoxia. Journal of Nanobiotechnology, 2014, 12, 27.	4.2	12
847	Considerations for accurate gene expression measurement by reverse transcription quantitative PCR when analysing clinical samples. Analytical and Bioanalytical Chemistry, 2014, 406, 6471-6483.	1.9	65
848	Reference gene stability in peripheral blood mononuclear cells determined by qPCR and NanoString. Mikrochimica Acta, 2014, 181, 1733-1742.	2.5	9

#	Article	IF	CITATIONS
849	Colorimetric detection of PCR products of DNA from pathogenic bacterial targets based on a simultaneously amplified DNAzyme. Mikrochimica Acta, 2014, 181, 1965-1971.	2.5	25
850	Comparison of droplet digital PCR and quantitative real-time PCR in mcrA-based methanogen community analysis. Biotechnology Reports (Amsterdam, Netherlands), 2014, 4, 1-4.	2.1	14
851	Ultrafast colorimetric detection of nucleic acids based on the inhibition of the oxidase activity of cerium oxide nanoparticles. Chemical Communications, 2014, 50, 9577-9580.	2.2	74
852	Triggering Hairpin-Free Chain-Branching Growth of Fluorescent DNA Dendrimers for Nonlinear Hybridization Chain Reaction. Journal of the American Chemical Society, 2014, 136, 9810-9813.	6.6	218
853	Multiplex real-time PCR for the identification and quantification of DNA from duck, pig and chicken in Chinese blood curds. Food Research International, 2014, 60, 30-37.	2.9	50
854	Detection and Quantification of <i>Xanthomonas albilineans</i> by qPCR and Potential Characterization of Sugarcane Resistance to Leaf Scald. Plant Disease, 2014, 98, 121-126.	0.7	31
855	Rapid Sub-attomole MicroRNA Detection on a Portable Microfluidic Chip. Analytical Sciences, 2014, 30, 129-135.	0.8	25
856	Telomere length is not associated with frailty in older Chinese elderly: Cross-sectional and longitudinal analysis. Mechanisms of Ageing and Development, 2015, 152, 74-79.	2.2	32
857	A cluster randomised trial of cloth masks compared with medical masks in healthcare workers. BMJ Open, 2015, 5, e006577-e006577.	0.8	349
858	Effect of nucleic acid binding dyes on DNA extraction, amplification, and STR typing. Electrophoresis, 2015, 36, 2561-2568.	1.3	16
859	Evaluation of methods of DNA extraction from Staphylococcus aureus in milk for use in real-time PCR. Genetics and Molecular Research, 2015, 14, 227-233.	0.3	9
860	Cross-Platform Evaluation of Commercial Real-Time SYBR Green RT-PCR Kits for Sensitive and Rapid Detection of European Bat <i>Lyssavirus</i> i>Type 1. BioMed Research International, 2015, 2015, 1-18.	0.9	24
861	Next Generation Sequencing in Non-Small Cell Lung Cancer: New Avenues Toward the Personalized Medicine. Current Drug Targets, 2015, 16, 47-59.	1.0	38
862	Assessment of Tetracyclines Residues and Tetracycline Resistant Bacteria in Conventional and Organic Baby Foods. Foods, 2015, 4, 306-317.	1.9	4
863	Single-Cell Isolation and Gene Analysis: Pitfalls and Possibilities. International Journal of Molecular Sciences, 2015, 16, 26832-26849.	1.8	35
864	Next-Generation Sequencing Workflow for NSCLC Critical Samples Using a Targeted Sequencing Approach by Ion Torrent PGMâ,,¢ Platform. International Journal of Molecular Sciences, 2015, 16, 28765-28782.	1.8	35
865	Elucidating Host–Pathogen Interactions Based on Post-Translational Modifications Using Proteomics Approaches. Frontiers in Microbiology, 2015, 6, 1313.	1.5	42
866	Isolation of Catharanthus roseus (L.) G. Don Nuclei and Measurement of Rate of Tryptophan decarboxylase Gene Transcription Using Nuclear Run-On Transcription Assay. PLoS ONE, 2015, 10, e0127892.	1.1	1

#	Article	IF	CITATIONS
867	Polymorphisms of the UCP2 Gene Are Associated with Glomerular Filtration Rate in Type 2 Diabetic Patients and with Decreased UCP2 Gene Expression in Human Kidney. PLoS ONE, 2015, 10, e0132938.	1.1	27
868	The Orthology Clause in the Next Generation Sequencing Era: Novel Reference Genes Identified by RNA-seq in Humans Improve Normalization of Neonatal Equine Ovary RT-qPCR Data. PLoS ONE, 2015, 10, e0142122.	1.1	18
869	Molecular Genetic Analysis of Wetland Soils. Soil Science Society of America Book Series, 0, , 349-372.	0.3	3
870	Identification of Reference Genes in Human Myelomonocytic Cells for Gene Expression Studies in Altered Gravity. BioMed Research International, 2015, 2015, 1-20.	0.9	19
871	A One-Step Real-Time RT-PCR Assay for the Detection and Quantitation of <i>Sugarcane Streak Mosaic Virus </i> . BioMed Research International, 2015, 2015, 1-9.	0.9	11
872	Genomics and Proteomics in Brain Complexity in Relation to Chemically Induced PTSD., 2015,, 677-689.		0
873	Detection of foodborne pathogens by qPCR: A practical approach for food industry applications. Cogent Food and Agriculture, 2015, 1, 1013771.	0.6	37
874	High Resolution Melt Analysis, DNA Template Quantity Disparities and Result Reliability. Clinical Laboratory, 2015, 61, 155-9.	0.2	4
875	Rapid detection and identification of spoilage bacteria in beer., 2015,, 287-318.		5
876	Molecular genetics-nutrition interactions in the expression of AANAT, ADRB3, BTG2 and FASN genes in the heart, kidney and liver of Australian lambs supplemented with Spirulina (Arthrospira platensis). Genes and Genomics, 2015, 37, 633-644.	0.5	5
877	Validation of endogenous reference genes in Buglossoides arvensis for normalizing RT-qPCR-based gene expression data. SpringerPlus, 2015, 4, 178.	1.2	13
878	Proximity assays for sensitive quantification of proteins. Biomolecular Detection and Quantification, 2015, 4, 10-16.	7.0	90
879	Molecular cloning of the insulin-like growth factor 3 and difference in the expression of igf genes in orange-spotted grouper (Epinephelus coioides). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 186, 68-75.	0.7	23
880	DNA detection by THz pumping. Semiconductors, 2015, 49, 944-948.	0.2	13
881	Detection of Pathogen-Specific Antibodies by Loop-Mediated Isothermal Amplification. Vaccine Journal, 2015, 22, 374-380.	3.2	2
882	Phylogenetic and environmental diversity of DsrAB-type dissimilatory (bi)sulfite reductases. ISME Journal, 2015, 9, 1152-1165.	4.4	331
883	Developmental exposure to bisphenol A alters the differentiation and functional response of the adult rat uterus to estrogen treatment. Reproductive Toxicology, 2015, 52, 83-92.	1.3	40
884	Detection of Invasive Species. , 2015, , 441-453.		2

#	Article	IF	Citations
885	Rapid ultrasonic isothermal amplification of DNA with multiplexed melting analysis – applications in the clinical diagnosis of sexually transmitted diseases. Chemical Communications, 2015, 51, 2589-2592.	2.2	29
886	Molecular and functional characterization of an IL- $1\hat{1}^2$ receptor antagonist in grass carp (Ctenopharyngodon idella). Developmental and Comparative Immunology, 2015, 49, 207-216.	1.0	27
887	In Vitro Encapsulation of Heterologous dsDNA Into Human Parvovirus B19 Virus-Like Particles. Molecular Biotechnology, 2015, 57, 309-317.	1.3	4
888	Application of a molecular beacon based real-time isothermal amplification (MBRTIA) technology for simultaneous detection of Bacillus cereus and Staphylococcus aureus. Journal of Food Science and Technology, 2015, 52, 4642-4646.	1.4	2
889	Parallel Protein Detection by Solidâ€Phase Proximity Ligation Assay with Realâ€Time PCR or Sequencing. Current Protocols in Molecular Biology, 2015, 109, 20.10.1-20.10.25.	2.9	16
890	A Comparison of In-House Real-Time LAMP Assays with a Commercial Assay for the Detection of Pathogenic Bacteria. Molecules, 2015, 20, 9487-9495.	1.7	21
891	Hybrid, multiplexed, functional DNA nanotechnology for bioanalysis. Analyst, The, 2015, 140, 5821-5848.	1.7	33
892	Doubling Throughput of a Real-Time PCR. Scientific Reports, 2015, 5, 12595.	1.6	14
893	qPCR, dPCR, NGS – A journey. Biomolecular Detection and Quantification, 2015, 3, A1-A5.	7.0	21
894	Exendin-4 protects rat islets against loss of viability and function induced by brain death. Molecular and Cellular Endocrinology, 2015, 412, 239-250.	1.6	19
895	Bias and Imprecision in Analysis of Real-Time Quantitative Polymerase Chain Reaction Data. Analytical Chemistry, 2015, 87, 8925-8931.	3.2	30
896	Single Fluorescence Channel-based Multiplex Detection of Avian Influenza Virus by Quantitative PCR with Intercalating Dye. Scientific Reports, 2015, 5, 11479.	1.6	24
897	Atrial natriuretic peptide reduces the \hat{l}_{\pm} -subunit of the epithelial sodium channel mRNA expression in the mouse stria vascularis. Biomedical Reports, 2015, 3, 159-162.	0.9	4
898	Environmental enrichment attenuates the age-related decline in the mRNA expression of steroidogenic enzymes and reduces the methylation state of the steroid $5\hat{l}_{\pm}$ -reductase type 1 gene in the rat hippocampus. Molecular and Cellular Endocrinology, 2015, 412, 330-338.	1.6	32
899	Nuclemeter: A Reaction-Diffusion Based Method for Quantifying Nucleic Acids Undergoing Enzymatic Amplification. Scientific Reports, 2014, 4, 7335.	1.6	19
900	Validation of Reference Genes for Transcriptional Analyses in Pleurotus ostreatus by Using Reverse Transcription-Quantitative PCR. Applied and Environmental Microbiology, 2015, 81, 4120-4129.	1.4	29
901	Hyperthermiaâ€induced seizures alter adenosine A ₁ and A _{2A} receptors and 5′â€nucleotidase activity in rat cerebral cortex. Journal of Neurochemistry, 2015, 134, 395-404.	2.1	26
902	Non-Phenotypic Tests to Detect and Characterize Antibiotic Resistance Mechanisms in Enterobacteriaceae., 2015,, 233-257.		3

#	Article	IF	CITATIONS
903	Telomere dynamics in wild brown trout: effects of compensatory growth and early growth investment. Oecologia, 2015, 177, 1221-1230.	0.9	38
904	Methods for Preparation of MS2 Phage-Like Particles and Their Utilization as Process Control Viruses in RT-PCR and qRT-PCR Detection of RNA Viruses From Food Matrices and Clinical Specimens. Food and Environmental Virology, 2015, 7, 96-111.	1.5	15
905	Effect of dietary supplementation with Spirulina on the expressions of AANAT, ADRB3, BTG2 and FASN genes in the subcutaneous adipose and Longissimus dorsi muscle tissues of purebred and crossbred Australian sheep. Journal of Animal Science and Technology, 2015, 57, 8.	0.8	19
906	Two Methods for Increased Specificity and Sensitivity in Loop-Mediated Isothermal Amplification. Molecules, 2015, 20, 6048-6059.	1.7	140
907	Real-Time PCR Approaches for Analysis of Hydrocarbon-Degrading Bacterial Communities. Springer Protocols, 2015, , 45-64.	0.1	14
908	A highly sensitive and specific method for the screening detection of genetically modified organisms based on digital PCR without pretreatment. Scientific Reports, 2015, 5, 12715.	1.6	53
909	Identification by realâ€time <scp>PCR</scp> with <scp>SYBR</scp> Green of <i>Leishmania</i> spp. and <i>Serratia marcescens</i> in canine †sterile†cutaneous nodular lesions. Veterinary Dermatology, 2015, 26, 186.	0.4	8
910	Quantitative real-time PCR (qPCR) for Eimeria tenella replication â€" Implications for experimental refinement and animal welfare. Parasitology International, 2015, 64, 464-470.	0.6	31
911	Rapid growth accelerates telomere attrition in a transgenic fish. BMC Evolutionary Biology, 2015, 15, 159.	3.2	43
912	Innovative qPCR using interfacial effects to enable low threshold cycle detection and inhibition relief. Science Advances, 2015, 1, e1400061.	4.7	16
913	Synthesis and use of universal sequence probes in fluorogenic multi-strand hybridisation complexes for economical nucleic acid testing. Molecular and Cellular Probes, 2015, 29, 228-236.	0.9	3
914	DNA amplification using PCR with abutting primers. Molecular Biology, 2015, 49, 560-568.	0.4	4
915	Single-channel multiplexing without melting curve analysis in real-time PCR. Scientific Reports, 2014, 4, 7439.	1.6	28
916	Stage-specific reprogramming of gene expression characterizes Lr48-mediated adult plant leaf rust resistance in wheat. Functional and Integrative Genomics, 2015, 15, 233-245.	1.4	11
917	Tumor Vasculature Is Regulated by FGF/FGFR Signalingâ€Mediated Angiogenesis and Bone Marrowâ€Derived Cell Recruitment: This Mechanism Is Inhibited by SSR128129E, the First Allosteric Antagonist of FGFRs. Journal of Cellular Physiology, 2015, 230, 43-51.	2.0	23
918	Real-time PCR detection chemistry. Clinica Chimica Acta, 2015, 439, 231-250.	0.5	323
919	Fast-Tracking Determination of Homozygous Transgenic Lines and Transgene Stacking Using a Reliable Quantitative Real-Time PCR Assay. Applied Biochemistry and Biotechnology, 2015, 175, 996-1006.	1.4	18
920	Development of droplet digital PCR assays for methanogenic taxa and examination of methanogen communities in full-scale anaerobic digesters. Applied Microbiology and Biotechnology, 2015, 99, 445-458.	1.7	13

#	Article	IF	Citations
921	Nucleic Acids â€" The Use of Nucleic Acid Testing in Molecular Diagnostics. , 0, , .		2
922	Validation of Reference Genes for Quantitative Real-Time PCR in Bovine PBMCs Transformed and Non-transformed by <i>Theileria annulata</i> . Korean Journal of Parasitology, 2016, 54, 39-46.	0.5	12
923	The Detection Techniques of Genetically Modified Organisms. , 2016, , 343-351.		4
924	The importance of selecting the appropriate reference genes for quantitative real time PCR as illustrated using colon cancer cells and tissue. F1000Research, 2016, 5, 99.	0.8	21
925	Antioxidant nutrition in Atlantic salmon (<i>Salmo salar</i>) parr and post-smolt, fed diets with high inclusion of plant ingredients and graded levels of micronutrients and selected amino acids. PeerJ, 2016, 4, e2688.	0.9	49
926	A Novel Pretreatment-Free Duplex Chamber Digital PCR Detection System for the Absolute Quantitation of GMO Samples. International Journal of Molecular Sciences, 2016, 17, 402.	1.8	19
927	Real-Time Detection of a Self-Replicating RNA Enzyme. Molecules, 2016, 21, 1310.	1.7	13
928	Comparison of Droplet Digital PCR and Quantitative PCR Assays for Quantitative Detection of Xanthomonas citri Subsp. citri. PLoS ONE, 2016, 11, e0159004.	1.1	92
929	Multiplex Real-Time PCR Assays that Measure the Abundance of Extremely Rare Mutations Associated with Cancer. PLoS ONE, 2016, 11, e0156546.	1.1	29
930	Normalization with Corresponding Na \tilde{A} -ve Tissue Minimizes Bias Caused by Commercial Reverse Transcription Kits on Quantitative Real-Time PCR Results. PLoS ONE, 2016, 11, e0167209.	1.1	5
931	Design and Sampling Plan Optimization for RT-qPCR Experiments in Plants: A Case Study in Blueberry. Frontiers in Plant Science, 2016, 7, 271.	1.7	9
932	Genetic Approaches to Study Plant Responses to Environmental Stresses: An Overview. Biology, 2016, 5, 20.	1.3	22
933	Microbial Succession in Spontaneously Fermented Grape Must Before, During and After Stuck Fermentation. South African Journal of Enology and Viticulture, 2016, 34, .	0.8	5
934	Expression of kisspeptin/kiss1r system in developing hypothalamus of female rat and the possible effects on reproduction development and maintenance. Journal of the Chinese Medical Association, 2016, 79, 546-553.	0.6	5
935	ATPâ€Releasing Nucleotides: Linking DNA Synthesis to Luciferase Signaling. Angewandte Chemie, 2016, 128, 2127-2131.	1.6	1
936	Onâ€chip quantitative PCR using integrated realâ€time detection by capillary electrophoresis. Electrophoresis, 2016, 37, 545-552.	1.3	18
937	Apelin: an endogenous peptide essential for cardiomyogenic differentiation of mesenchymal stem cells via activating extracellular signalâ€regulated kinase 1/2 and 5. Cell Biology International, 2016, 40, 501-514.	1.4	5
938	Realâ€time <scp>PCR</scp> detection of <i>Erwinia amylovora</i> on blossoms correlates with subsequent fire blight incidence. Plant Pathology, 2016, 65, 462-469.	1.2	8

#	Article	IF	CITATIONS
939	Characterization of resistance against the oliveâ€defoliating <i>Verticillium dahliae</i> pathotype in selected clones of wild olive. Plant Pathology, 2016, 65, 1279-1291.	1.2	35
940	Terahertz response of DNA oligonucleotides on the surface of silicon nanostructures. Semiconductors, 2016, 50, 1208-1215.	0.2	5
941	Improving herpetological surveys in eastern North America using the environmental DNA method. Genome, 2016, 59, 991-1007.	0.9	68
942	Securing digital microfluidic biochips by randomizing checkpoints. , 2016, , .		17
943	Targeted Metabolomics: The Next Generation of Clinical Chemistry!. Translational Bioinformatics, 2016, , 175-211.	0.0	2
944	Pregnancy and lactation differentially modify the transcriptional regulation of steroidogenic enzymes through DNA methylation mechanisms in the hippocampus of aged rats. Molecular and Cellular Endocrinology, 2016, 429, 73-83.	1.6	21
945	Mathematics analysis of polymerase chain reaction kinetic curves. Doklady Biochemistry and Biophysics, 2016, 466, 13-16.	0.3	5
946	Leptin/leptinR-kisspeptin/kiss1r-GnRH pathway reacting to regulate puberty onset during negative energy balance. Life Sciences, 2016, 153, 207-212.	2.0	15
947	Atlantic salmon require long-chain $<$ i>>n $<$ i>-3 fatty acids for optimal growth throughout the seawater period. Journal of Nutritional Science, 2016, 5, e19.	0.7	61
948	The presence of CFH, HTRA1, ARMS2, VEGF-A and VEGF-R and the appearance of age-related macular degeneration sub-types. Archivos De La Sociedad Espanola De Oftalmologia, 2016, 91, 177-183.	0.1	2
949	Microbiota of an Italian Grana-Like Cheese during Manufacture and Ripening, Unraveled by 16S rRNA-Based Approaches. Applied and Environmental Microbiology, 2016, 82, 3988-3995.	1.4	83
950	Sequence-Specific Biosensing of DNA Target through Relay PCR with Small-Molecule Fluorophore. ACS Chemical Biology, 2016, 11, 1945-1951.	1.6	7
951	PCR Methods for Detecting GM Crops and Food in Agriculture and the Food Chain: A Review. , 2016, , 323-342.		1
952	Effects of neonatal exposure to a glyphosate-based herbicide on female rat reproduction. Reproduction, 2016, 152, 403-415.	1.1	49
953	Geminivirus: Indian Scenario. , 2016, , 131-144.		1
954	Integrated Microfluidic Isolation of Aptamers Using Electrophoretic Oligonucleotide Manipulation. Scientific Reports, 2016, 6, 26139.	1.6	22
955	Development of Accurate Nucleic Acid Detection Technology for Target Quantification. , 2016, , 143-166.		0
956	Understanding Haemonchus contortus Better Through Genomics and Transcriptomics. Advances in Parasitology, 2016, 93, 519-567.	1.4	36

#	Article	IF	CITATIONS
957	Partition Volume Variability in Digital Polymerase Chain Reaction Methods: Polydispersity Causes Bias but Can Improve Precision. Analytical Chemistry, 2016, 88, 12183-12187.	3.2	9
958	Label-free detection of real-time DNA amplification using a nanofluidic diffraction grating. Scientific Reports, 2016, 6, 31642.	1.6	19
959	Examination of the molecular control of ruminal epithelial function in response to dietary restriction and subsequent compensatory growth in cattle. Journal of Animal Science and Biotechnology, 2016, 7, 53.	2.1	9
960	Investigation of Viral and Host Chromatin by ChIPâ€PCR or ChIPâ€Seq Analysis. Current Protocols in Microbiology, 2016, 40, 1E.10.1-1E.10.21.	6.5	9
961	Determination of Bifidobacterium and Lactobacillus in breast milk of healthy women by digital PCR. Beneficial Microbes, 2016, 7, 559-569.	1.0	15
962	ATPâ€Releasing Nucleotides: Linking DNA Synthesis to Luciferase Signaling. Angewandte Chemie - International Edition, 2016, 55, 2087-2091.	7.2	14
963	rs1888747 polymorphism in the FRMD3 gene, gene and protein expression: role in diabetic kidney disease. Diabetology and Metabolic Syndrome, 2016, 8, 3.	1.2	4
964	Comparison of droplet digital PCR to real-time PCR for quantification of hepatitis B virus DNA. Bioscience, Biotechnology and Biochemistry, 2016, 80, 2159-2164.	0.6	41
965	A deregulated expression of estrogen-target genes is associated with an altered response to estradiol in aged rats perinatally exposed to bisphenol A. Molecular and Cellular Endocrinology, 2016, 426, 33-42.	1.6	20
966	Influence of Pichia pastoris cellular material on polymerase chain reaction performance as a synthetic biology standard for genome monitoring. Journal of Microbiological Methods, 2016, 127, 111-122.	0.7	3
967	Real-Time PCR for Gene Expression Quantification in Asthma. Methods in Molecular Biology, 2016, 1434, 45-55.	0.4	0
968	A differential distribution of auxin and flavonols in radiata pine stem seedlings exposed to inclination. Tree Genetics and Genomes, 2016, 12, 1.	0.6	14
969	Introduction to the Gene Expression Analysis. Methods in Molecular Biology, 2016, 1434, 29-43.	0.4	81
970	Reduced n-3 long chain fatty acid levels in feed for Atlantic salmon (Salmo salar L.) do not reduce growth, robustness or product quality through an entire full scale commercial production cycle in seawater. Aquaculture, 2016, 464, 236-245.	1.7	32
971	Evaluation and validation of reference genes for qPCR analysis to study climate change-induced stresses in Sinularia cf. cruciata (Octocorallia: Alcyonidae). Journal of Experimental Marine Biology and Ecology, 2016, 483, 42-52.	0.7	3
972	Shiga toxin-producing Escherichia coli in food: Incidence, ecology, and detection strategies. Food Control, 2016, 59, 407-419.	2.8	51
973	Quantitative detection of selenate-reducing bacteria by real-time PCR targeting the selenate reductase gene. Enzyme and Microbial Technology, 2016, 85, 19-24.	1.6	16
974	Identification and selection of normalization controls for quantitative transcript analysis in <scp><i>B</i></scp> <i>li><i>B<i>Io<i>Io</i></i></i></i>	2.0	25

#	Article	IF	CITATIONS
975	Development of high throughput Dual Laser system incorporating CCD-based multichannel Czerny $\hat{a}\in$ Turner spectrometer for real-time qPCR fluorescence intensity measurements. Optik, 2016, 127, 2594-2597.	1.4	1
976	Grass carp TGF- \hat{l}^21 impairs IL- \hat{l}^2 signaling in the inflammatory responses: Evidence for the potential of TGF- \hat{l}^21 to antagonize inflammation in fish. Developmental and Comparative Immunology, 2016, 59, 121-127.	1.0	13
977	Relación de la presencia de polimorfismos de CFH, HTRA1, ARMS2, VEGF-A y VEGF-R con la aparición de los subtipos de degeneración macular asociada a la edad. Archivos De La Sociedad Espanola De Oftalmologia, 2016, 91, 177-183.	0.1	2
978	Ultrasensitive detection of proteins and sugars at single-cell level. Communicative and Integrative Biology, 2016, 9, e1124201.	0.6	15
979	Quantitative PCR for detection of Nosema bombycis in single silkworm eggs and newly hatched larvae. Journal of Microbiological Methods, 2016, 120, 72-78.	0.7	20
980	Contemporary nucleic acid-based molecular techniques for detection, identification, and characterization of Bifidobacterium. Critical Reviews in Food Science and Nutrition, 2017, 57, 987-1016.	5.4	11
981	Measuring E. coli and bacteriophage DNA in cell sonicates to evaluate the CAL1 reaction as a synthetic biology standard for qPCR. Biomolecular Detection and Quantification, 2017, 11, 21-30.	7.0	1
982	The new frontier of diagnostics: Molecular assays and their role in infection prevention and control. American Journal of Infection Control, 2017, 45, 158-169.	1.1	13
983	PCR-Based Detection Methods for Single-Nucleotide Polymorphism or Mutation. Advances in Clinical Chemistry, 2017, 80, 45-72.	1.8	90
984	58 cases of sexual violence bearing forensic interest: congruence between the victim's report and the data from laboratory analyses. International Journal of Legal Medicine, 2017, 131, 1449-1453.	1.2	9
985	The Polymerase Chain Reaction. , 2017, , 1-18.		10
986	A refined DNA methylation detection method using MspJI coupled quantitative PCR. Analytical Biochemistry, 2017, 533, 1-9.	1.1	12
987	Prediction of viral loads for diagnosis of Hepatitis C infection in human plasma samples using Raman spectroscopy coupled with partial least squares regression analysis. Journal of Raman Spectroscopy, 2017, 48, 697-704.	1.2	61
988	Molecular investigation of bacterial communities during the manufacturing and ripening of semi-hard Iranian Liqvan cheese. Food Microbiology, 2017, 66, 64-71.	2.1	29
989	RNA sample preparation applied to gene expression profiling for the horse biological passport. Drug Testing and Analysis, 2017, 9, 1448-1455.	1.6	7
990	Consolidation of molecular testing in clinical virology. Expert Review of Anti-Infective Therapy, 2017, 15, 387-400.	2.0	12
991	Chronic oral administration of MPEP, an antagonist of mGlu5 receptor, during gestation and lactation alters mGlu5 and A2A receptors in maternal and neonatal brain. Neuroscience, 2017, 344, 187-203.	1.1	3
992	International Interlaboratory Digital PCR Study Demonstrating High Reproducibility for the Measurement of a Rare Sequence Variant. Analytical Chemistry, 2017, 89, 1724-1733.	3.2	54

#	Article	IF	CITATIONS
993	Multiplex Detection of Aspergillus Species. Methods in Molecular Biology, 2017, 1542, 261-268.	0.4	2
994	Circulating and peritoneal fluid interleukin-6 levels and gene expression in pelvic endometriosis. Experimental and Therapeutic Medicine, 2017, 14, 2317-2322.	0.8	15
995	Diseases and Molecular Diagnostics: A Step Closer to Precision Medicine. Indian Journal of Clinical Biochemistry, 2017, 32, 374-398.	0.9	63
996	<i>Ageratum conyzoides</i> L. inhibits 5â€alphaâ€reductase gene expression in human prostate cells and reduces symptoms of benign prostatic hypertrophy in otherwise healthy men in a double blind randomized placebo controlled clinical study. BioFactors, 2017, 43, 789-800.	2.6	4
997	Phytosterols are not involved in the development of fatty liver in plant oil fed Atlantic salmon (Salmo salar) at high or low water temperature. Aquaculture, 2017, 480, 123-134.	1.7	15
998	Modular probes for enriching and detecting complex nucleic acid sequences. Nature Chemistry, 2017, 9, 1222-1228.	6.6	32
999	Optical Nanoantenna for Single Molecule-Based Detection of Zika Virus Nucleic Acids without Molecular Multiplication. Analytical Chemistry, 2017, 89, 13000-13007.	3.2	85
1000	High-Throughput Genotyping with TaqMan Allelic Discrimination and Allele-Specific Genotyping Assays. Methods in Molecular Biology, 2017, 1492, 29-57.	0.4	11
1001	Identification and Characterization of a Large Protein Essential for Degradation of the Crystalline Region of Cellulose by Cytophaga hutchinsonii. Applied and Environmental Microbiology, 2017, 83, .	1.4	25
1002	Key Structural Elements of Unsymmetrical Cyanine Dyes for Highly Sensitive Fluorescence Turnâ€On DNA Probes. Chemistry - an Asian Journal, 2017, 12, 233-238.	1.7	19
1003	Effects of a glyphosateâ€based herbicide on the uterus of adult ovariectomized rats. Environmental Toxicology, 2017, 32, 1191-1201.	2.1	36
1004	Temperature modulates liver lipid accumulation in Atlantic salmon (<i>Salmo salar</i> L.) fed low dietary levels of long-chain n-3 fatty acids. Aquaculture Nutrition, 2017, 23, 865-878.	1.1	18
1005	Label-free quantitative detection of nucleic acids based on surface-immobilized DNA intercalators. Sensors and Actuators B: Chemical, 2017, 241, 1310-1315.	4.0	3
1006	Kinetics of DNA elongation. Doklady Biochemistry and Biophysics, 2017, 474, 189-192.	0.3	2
1007	Separation of Small DNAs by Gel Electrophoresis in a Fused Silica Capillary Coated with a Negatively Charged Copolymer. Separations, 2017, 4, 28.	1.1	3
1008	Principles of Genetic Engineering. , 2017, , 81-127.		3
1009	Quantitative Polymerase Chain Reaction. , 2017, , 41-58.		2
1010	Yeast Monitoring of Wine Mixed or Sequential Fermentations Made by Native Strains from D.O. "Vinos de Madrid―Using Real-Time Quantitative PCR. Frontiers in Microbiology, 2017, 8, 2520.	1.5	25

#	Article	IF	CITATIONS
1011	Monitoring of Microbial Activity in Real-Time. , 2017, , 451-476.		1
1012	Reference Intervals of Mitochondrial DNA Copy Number in Peripheral Blood for Chinese Minors and Adults. Chinese Medical Journal, 2017, 130, 2435-2440.	0.9	20
1013	Single-cell transcriptional profiling: a window into embryonic cell-type specification. Nature Reviews Molecular Cell Biology, 2018, 19, 399-412.	16.1	46
1014	Tissue sterol composition in Atlantic salmon (<i>Salmo salarli>L.) depends on the dietary cholesterol content and on the dietary phytosterol:cholesterol ratio, but not on the dietary phytosterol content. British Journal of Nutrition, 2018, 119, 599-609.</i>	1.2	20
1015	qPCRâ€"25 years old but still a matter of debate. Cardiovascular Research, 2018, 114, 201-202.	1.8	2
1016	Application of molecular tools to elucidate the microbiota of seafood. Journal of Applied Microbiology, 2018, 124, 1347-1365.	1.4	7
1017	Cancer transcriptome profiling at the juncture of clinical translation. Nature Reviews Genetics, 2018, 19, 93-109.	7.7	202
1018	Single Nucleotide Polymorphism Quantitative Polymerase Chain Reaction Assay. , 2018, , 805-822.		0
1019	Secure Randomized Checkpointing for Digital Microfluidic Biochips. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 1119-1132.	1.9	42
1020	Suppression of Wild-Type Amplification by Selectivity Enhancing Agents in PCR Assays that Utilize SuperSelective Primers for the Detection of Rare Somatic Mutations. Journal of Molecular Diagnostics, 2018, 20, 415-427.	1.2	11
1021	Role of minimal residual disease in the management of acute myeloid leukemia—a case-based discussion. Annals of Hematology, 2018, 97, 1155-1167.	0.8	10
1022	Development of a qPCR assay for the detection of heat-resistant Talaromyces flavus. International Journal of Food Microbiology, 2018, 270, 44-51.	2.1	15
1023	Recommendations for improving accuracy of gene expression data in bone and cartilage tissue engineering. Scientific Reports, 2018, 8, 14874.	1.6	8
1024	Universally applicable, quantitative PCR method utilizing fluorescent nucleobase analogs. RSC Advances, 2018, 8, 37391-37395.	1.7	3
1025	Antivirus effectiveness of ivermectin on dengue virus type 2 in Aedes albopictus. PLoS Neglected Tropical Diseases, 2018, 12, e0006934.	1.3	36
1026	A study of polymerase chain reaction device control via cloud using Firebase Cloud Messaging protocol. BioMedical Engineering OnLine, 2018, 17, 153.	1.3	0
1027	HCV Detection, Discrimination, and Genotyping Technologies. Sensors, 2018, 18, 3423.	2.1	25
1028	Immunomodulation of IL-1, IL-6 and IL-8 cytokines by Prosopis juliflora alkaloids during bovine sub-clinical mastitis. 3 Biotech, 2018, 8, 409.	1.1	27

#	Article	IF	CITATIONS
1029	Advances in Using Non-invasive, Archival, and Environmental Samples for Population Genomic Studies. Population Genomics, 2018, , 63-99.	0.2	24
1030	Forensic DNA Technological Advancements as an Emerging Perspective on Medico-Legal Autopsy: A Mini Review. , 2018, , .		0
1031	Methods of Detecting Meat Species in Food of Animal Origin. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Food Science and Technology, 2018, 75, 125.	0.1	0
1032	Fructose furoic acid ester: An effective quorum sensing inhibitor against uropathogenic Escherichia coli. Bioorganic Chemistry, 2018, 79, 310-318.	2.0	14
1033	Evaluation and improvement of LAMP assays for detection of <i> Escherichia coli</i> serogroups O26, O45, O103, O111, O121, O145, and O157. African Health Sciences, 2018, 17, 1011.	0.3	2
1034	Real-time quantitative PCR: a reliable molecular diagnostic and follow-up tool for †minimal residual disease' assessment in chronic myeloid leukemia. Bioscience Reports, 2018, 38, .	1.1	4
1035	Simultaneous and stoichiometric purification of hundreds of oligonucleotides. Nature Communications, 2018, 9, 2467.	5.8	22
1036	Nanomotors for Nucleic Acid, Proteins, Pollutants and Cells Detection. International Journal of Molecular Sciences, 2018, 19, 1579.	1.8	13
1037	A Sensitive Potentiometric Sensor for Isothermal Amplification-Coupled Detection of Nucleic Acids. Sensors, 2018, 18, 2277.	2.1	5
1038	<i>TFF1</i> and <i>TFF3</i> mRNAs Are Higher in Blood from Breast Cancer Patients with Metastatic Disease than Those without. Journal of Oncology, 2018, 2018, 1-8.	0.6	28
1039	Functional Nucleic Acid Based Biosensor for Microorganism Detection., 2018, , 15-79.		0
1040	The Induction of Bone Formation: The Translation Enigma. Frontiers in Bioengineering and Biotechnology, 2018, 6, 74.	2.0	22
1041	Monoclonal antibody-based colloid gold immunochromatographic strip for the rapid detection of Tomato zonate spot tospovirus. Virology Journal, 2018, 15, 15.	1.4	16
1042	Real-time label-free analysis of the thermostability of DNA structures using GelRed. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	1.3	5
1043	Dropletâ€digital polymerase chain reaction for detection of clinical hepatitis B virus DNA samples. Journal of Medical Virology, 2018, 90, 1868-1874.	2.5	13
1044	Selection of reference genes for quantitative real-time polymerase chain reaction studies in rat osteoblasts. Journal of Cellular Physiology, 2019, 234, 749-756.	2.0	13
1045	Target-triggered programming of cascaded catalytic hairpin assemblies for enzyme-free and highly sensitive sensing of cytokines. Sensors and Actuators B: Chemical, 2019, 298, 126929.	4.0	18
1046	A Simple, Universal, and Cost-Efficient Digital PCR Method for the Targeted Analysis of Copy Number Variations. Clinical Chemistry, 2019, 65, 1153-1160.	1.5	13

#	Article	IF	Citations
1047	Molecular Identification of Genetically Modified Crops for Biosafety and Legitimacy of Transgenes. , 2019, , .		2
1048	Structurally Defined Ru(II) Metallointercalators for Real-Time Monitoring of DNA Amplification Reactions. Analytical Chemistry, 2019, 91, 8777-8782.	3.2	6
1049	Estimating RNA numbers in single cells by RNA fluorescent tagging and flow cytometry. Journal of Microbiological Methods, 2019, 166, 105745.	0.7	8
1050	Laboratory Diagnosis of Human Brucellosis. Clinical Microbiology Reviews, 2019, 33, .	5.7	157
1051	RNA detection with high specificity and sensitivity using nested fluorogenic Mango NASBA. Rna, 2019, 25, 1806-1813.	1.6	28
1052	Fabrication of \hat{l}^2 cyclodextrin containing AIE-active polymeric composites through formation of dynamic phenylboronic borate and their theranostic applications. Cellulose, 2019, 26, 8829-8841.	2.4	9
1053	Interaction of HSD11B1 and H6PD polymorphisms in subjects with type 2 diabetes are protective factors against obesity: a cross-sectional study. Diabetology and Metabolic Syndrome, 2019, 11, 78.	1.2	10
1054	Using de novo transcriptome assembly and analysis to study RNAi in Phenacoccus solenopsis Tinsley (Hemiptera: Pseudococcidae). Scientific Reports, 2019, 9, 13710.	1.6	17
1055	Prognostic significance of circulating microRNA-214 and -126 in dogs with appendicular osteosarcoma receiving amputation and chemotherapy. BMC Veterinary Research, 2019, 15, 39.	0.7	19
1056	Developments in Rapid Detection Methods for the Detection of Foodborne Campylobacter in the United States. Frontiers in Microbiology, 2018, 9, 3280.	1.5	71
1057	Polymerase Chain Reaction-Dynamic Light Scattering Sensor for DNA and Protein by Using Both Replication and Cleavage Properties of Taq Polymerase. Analytical Chemistry, 2019, 91, 3429-3435.	3.2	24
1058	Pairwise efficiency: a new mathematical approach to qPCR data analysis increases the precision of the calibration curve assay. BMC Bioinformatics, 2019, 20, 295.	1.2	8
1059	Nanopore-Assisted, Sequence-Specific Detection, and Single-Molecule Hybridization Analysis of Short, Single-Stranded DNAs. Analytical Chemistry, 2019, 91, 8630-8637.	3.2	20
1060	The kinetic requirements of extreme qPCR. Biomolecular Detection and Quantification, 2019, 17, 100081.	7.0	22
1061	Framework for DNA Quantification and Outlier Detection Using Multidimensional Standard Curves. Analytical Chemistry, 2019, 91, 7426-7434.	3.2	21
1062	Alternative Molecular-Based Diagnostic Methods of Plant Pathogenic Fungi Affecting Berry Crops—A Review. Molecules, 2019, 24, 1200.	1.7	9
1063	Color-coded molecular beacons for multiplex PCR screening assays. PLoS ONE, 2019, 14, e0213906.	1.1	9
1064	Identification of Reference Genes for Quantitative Gene Expression Studies in Three Tissues of Japanese Quail. Genes, 2019, 10, 197.	1.0	12

#	Article	IF	CITATIONS
1065	Selecting Appropriate Reference Genes for Quantitative Real-Time Polymerase Chain Reaction Studies in Isolated and Cultured Ocular Surface Epithelia. Scientific Reports, 2019, 9, 19631.	1.6	6
1066	Culturing Rat Whole Ovary for UV Filter Benzophenoneâ€3 Treatment. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2019, 82, e89.	1.1	1
1067	Molecular Detection of Biological Agents in the Field: Then and Now. MSphere, 2019, 4, .	1.3	8
1068	Rapid and label-free, electrochemical DNA detection utilizing the oxidase-mimicking activity of cerium oxide nanoparticles. Electrochemistry Communications, 2019, 99, 5-10.	2.3	29
1069	FOXO Transcription Factors. Methods in Molecular Biology, 2019, , .	0.4	1
1070	Monitoring the Transcriptional Activity of FOXO Transcription Factors by Analyzing their Target Genes. Methods in Molecular Biology, 2019, 1890, 103-113.	0.4	3
1071	Application of ultraâ€rapid qPCR and DNA chips for viral RNA detection and confirmation. Biotechnology and Applied Biochemistry, 2019, 66, 224-230.	1.4	1
1072	A novel emulsion PCR method coupled with fluorescence spectrophotometry for simultaneous qualitative, quantitative and high-throughput detection of multiple DNA targets. Scientific Reports, 2019, 9, 184.	1.6	5
1073	Development and validation of a multiplex, real-time PCR assay for Babesia rossi and Babesia vogeli. Ticks and Tick-borne Diseases, 2019, 10, 421-432.	1.1	11
1074	Overview of PCR. Current Protocols in Essential Laboratory Techniques, 2019, 18, e27.	2.6	9
1075	Validation of reference gene(s) for quantitative gene expression profiling using rice moth, Corcyra cephalonica as a model. Gene Reports, 2019, 14, 25-29.	0.4	3
1076	Screening internal controls for expression analyses involving numerous treatments by combining statistical methods with reference gene selection tools. Physiology and Molecular Biology of Plants, 2019, 25, 289-301.	1.4	8
1077	ChIPprimersDB: a public repository of verified qPCR primers for chromatin immunoprecipitation (ChIP). Nucleic Acids Research, 2019, 47, D46-D49.	6.5	9
1078	Steps towards a more efficient use of chironomids as bioindicators for freshwater bioassessment: Exploiting eDNA and other genetic tools. Ecological Indicators, 2020, 110, 105868.	2.6	17
1079	Quantitative analysis of noncoding RNA from paired fresh and formalin-fixed paraffin-embedded brain tissues. International Journal of Legal Medicine, 2020, 134, 873-884.	1.2	7
1080	Improvement and Application of qPCR (Real-Time Quantitative Polymerase Chain Reaction) Data Processing Method for Home-Made Integrated Nucleic Acid Detection System. Journal of Nanoscience and Nanotechnology, 2020, 20, 7369-7375.	0.9	5
1081	Epigenetic regulation of steroidogenic enzymes expressed in peripheral blood mononuclear cells from healthy individuals and from patients with chronic lymphocytic leukemia. Journal of Steroid Biochemistry and Molecular Biology, 2020, 204, 105767.	1.2	1
1082	Turfgrass Disease Diagnosis: Past, Present, and Future. Plants, 2020, 9, 1544.	1.6	14

#	Article	IF	CITATIONS
1083	Dopamine Therapy and the Regulation of Oxidative Stress and Mitochondrial DNA Copy Number in Patients with Parkinson's Disease. Antioxidants, 2020, 9, 1159.	2.2	9
1084	Molecular Tools for Detection and Identification of Paracoccidioides Species: Current Status and Future Perspectives. Journal of Fungi (Basel, Switzerland), 2020, 6, 293.	1.5	23
1085	Triplex Real-Time PCR Approach for the Detection of Crucial Fungal Berry Pathogens—Botrytis spp., Colletotrichum spp. and Verticillium spp International Journal of Molecular Sciences, 2020, 21, 8469.	1.8	13
1086	Stable Reference Genes for qPCR Analysis in BM-MSCs Undergoing Osteogenic Differentiation within 3D Hyaluronan-Based Hydrogels. International Journal of Molecular Sciences, 2020, 21, 9195.	1.8	6
1087	The vision of point-of-care PCR tests for the COVID-19 pandemic and beyond. TrAC - Trends in Analytical Chemistry, 2020, 130, 115984.	5.8	73
1088	Washing-free Electrochemical Strategy to Detect Target DNA Utilizing Peroxidase Mimicking DNAzyme. Biotechnology and Bioprocess Engineering, 2020, 25, 707-714.	1.4	7
1089	Reference genes for proximal femoral epiphysiolysis expression studies in broilers cartilage. PLoS ONE, 2020, 15, e0238189.	1.1	9
1090	High-Level Multiplexing in Digital PCR with Intercalating Dyes by Coupling Real-Time Kinetics and Melting Curve Analysis. Analytical Chemistry, 2020, 92, 14181-14188.	3.2	16
1091	Polymerase Spiral Reaction Assay for Rapid and Real Time Detection of West Nile Virus From Clinical Samples. Frontiers in Cellular and Infection Microbiology, 2020, 10, 426.	1.8	5
1092	Enzyme-Assisted Nucleic Acid Detection for Infectious Disease Diagnostics: Moving toward the Point-of-Care. ACS Sensors, 2020, 5, 2701-2723.	4.0	56
1093	Molecular and Immunological Diagnostic Techniques of Medical Viruses. International Journal of Microbiology, 2020, 2020, 1-19.	0.9	39
1094	PCR past, present and future. BioTechniques, 2020, 69, 317-325.	0.8	156
1095	Comparative Use of Quantitative PCR (qPCR), Droplet Digital PCR (ddPCR), and Recombinase Polymerase Amplification (RPA) in the Detection of Shiga Toxin-Producing E. coli (STEC) in Environmental Samples. Water (Switzerland), 2020, 12, 3507.	1,2	8
1096	A Brief History of the Major Rickettsioses in the Asia–Australia–Pacific Region: A Capstone Review for the Special Issue of TMID. Tropical Medicine and Infectious Disease, 2020, 5, 165.	0.9	6
1097	Rapid In Situ Photoimmobilization of a Planar Droplet Array for Digital PCR. Analytical Chemistry, 2020, 92, 8530-8535.	3.2	18
1098	Design, validation and evaluation of a SYBR green-based quantitative PCR array for comprehensive analysis of adenovirus type 5 transcriptional patterns. Journal of Virological Methods, 2020, 281, 113880.	1.0	2
1099	Electrochemical Polymerase Chain Reaction Using Electroactive Graphene Oxide Nanoparticles as Detection Labels. ACS Applied Nano Materials, 2020, 3, 5489-5498.	2.4	15
1100	Real-time Colorimetric Quantitative Molecular Detection of Infectious Diseases on Smartphone-based Diagnostic Platform. Scientific Reports, 2020, 10, 9009.	1.6	36

#	Article	IF	CITATIONS
1101	One-step multiplex TaqMan probe-based method for real-time PCR detection of four canine diarrhea viruses. Molecular and Cellular Probes, 2020, 53, 101618.	0.9	13
1102	Fiber Optic Particle Plasmon Resonance Biosensor for Label-Free Detection of Nucleic Acids and Its Application to HLA-B27 mRNA Detection in Patients with Ankylosing Spondylitis. Sensors, 2020, 20, 3137.	2.1	11
1103	Recent advances in begomovirus research in India. , 2020, , 493-513.		6
1104	Enhancing RNAi Efficiency to Decipher the Functional Response of Potential Genes in Bemisia tabaci Asiall-1 (Gennadius) Through dsRNA Feeding Assays. Frontiers in Physiology, 2020, 11, 123.	1.3	25
1105	Photooxidative stress activates a complex multigenic response integrating the phenylpropanoid pathway and ethylene, leading to lignin accumulation in apple (Malus domestica Borkh.) fruit. Horticulture Research, 2020, 7, 22.	2.9	20
1106	Current state of the art in rapid diagnostics for antimicrobial resistance. Lab on A Chip, 2020, 20, 2607-2625.	3.1	37
1107	Supportive techniques to investigate inÂvitro culture and cryopreservation efficiencies of equine ovarian tissue: A review. Theriogenology, 2020, 156, 296-309.	0.9	15
1108	A TaqMan-based multiplex real-time PCR assay for the rapid detection of tigecycline resistance genes from bacteria, faeces and environmental samples. BMC Microbiology, 2020, 20, 174.	1.3	4
1109	Sequence-specific detection of single-stranded DNA with a gold nanoparticle-protein nanopore approach. Scientific Reports, 2020, 10, 11323.	1.6	15
1110	Portable glucose meter-based label-free strategy for target DNA detection. Sensors and Actuators B: Chemical, 2020, 310, 127808.	4.0	15
1111	Transcriptome-based evaluation and validation of suitable housekeeping gene for quantification real-time PCR under specific experiment condition in teleost fishes. Fish and Shellfish Immunology, 2020, 98, 218-223.	1.6	15
1112	Recent advances in lab-on-a-chip technologies for viral diagnosis. Biosensors and Bioelectronics, 2020, 153, 112041.	5.3	163
1113	A systemic approach to screening high-throughput RT-qPCR data for a suitable set of reference circulating miRNAs. BMC Genomics, 2020, 21, 111 .	1.2	17
1114	Transcriptomics Applied to Rice Grain Quality. , 2020, , 445-472.		1
1115	Detection of Salmonella Typhimurium and Listeria monocytogenes biofilm cells exposed to different drying and pre-enrichment times using conventional and rapid methods. International Journal of Food Microbiology, 2020, 324, 108611.	2.1	13
1116	Demonstration of biophoton-driven DNA replication via gold nanoparticle-distance modulated yield oscillation. Nano Research, 2021, 14, 40-45.	5.8	26
1117	An adaptable dry lab for <scp>SYBR</scp> based <scp>RTâ€qPCR</scp> primer design to reinforce concepts in molecular biology and nucleic acids. Biochemistry and Molecular Biology Education, 2021, 49, 262-270.	0.5	3
1118	The quest for absolute abundance: The use of internal standards for DNAâ€based community ecology. Molecular Ecology Resources, 2021, 21, 30-43.	2.2	42

#	Article	IF	CITATIONS
1120	Copy Number Variation: Methods and Clinical Applications. Applied Sciences (Switzerland), 2021, 11, 819.	1.3	26
1121	Relative versus absolute RNA quantification: a comparative analysis based on the example of endothelial expression of vasoactive receptors. Biological Procedures Online, 2021, 23, 6.	1.4	10
1122	Quantitative PCR of Small Nucleic Acids: Size Matters. ChemistrySelect, 2021, 6, 2975-2979.	0.7	0
1123	Hindlimb unloading-induced reproductive suppression via Downregulation of hypothalamic Kiss-1 expression in adult male rats. Reproductive Biology and Endocrinology, 2021, 19, 37.	1.4	6
1124	Detection of human papillomavirus infection in laryngeal and hypopharyngeal carcinoma using droplet digital PCR and its correlation with prognosis. Postgraduate Medicine, 2021, 133, 619-625.	0.9	2
1125	Comparison of Cm ACS-7 Gene Expression in Melon (Cucumis melo L.) Flowers. Journal of Physics: Conference Series, 2021, 1819, 012041.	0.3	1
1126	Simple, Inexpensive RNA Isolation and Oneâ€Step RTâ€qPCR Methods for SARSâ€CoVâ€2 Detection and General Use. Current Protocols, 2021, 1, e130.	1.3	7
1127	A critical review: Recent advances in "digital―biomolecule detection with single copy sensitivity. Biosensors and Bioelectronics, 2021, 177, 112901.	5.3	40
1128	Understanding false positives and the detection of SARS-CoV-2 using the Cepheid Xpert Xpress SARS-CoV-2 and BD MAX SARS-CoV-2 assays. Diagnostic Microbiology and Infectious Disease, 2021, 100, 115334.	0.8	14
1129	Lyophilized Ready-to-Use Mix for the Real-Time Polymerase Chain Reaction Diagnosis. ACS Applied Bio Materials, 2021, 4, 4354-4360.	2.3	5
1130	Use and Misuse of Cq in qPCR Data Analysis and Reporting. Life, 2021, 11, 496.	1.1	27
1131	Development of Quantitative Real-time PCR and Loop-mediated Isothermal Amplification (LAMP) Assays for Detection of <i>Microsporidium seriolae</i> . Fish Pathology, 2021, 56, 53-61.	0.4	10
1132	Tunneling based ten attomolar DNA biosensor. AIP Advances, 2021, 11, .	0.6	0
1133	Evaluation method for asymmetric uncertainty of quantitative polymerase chain reaction measurements of deoxyribonucleic acids with low copy number. Scientific Reports, 2021, 11, 11550.	1.6	O
1134	Advanced molecular-based surveillance of quagga and zebra mussels: A review of environmental DNA/RNA (eDNA/eRNA) studies and considerations for future directions. NeoBiota, 0, 66, 117-159.	1.0	7
1135	Micro and Nanoscale Technologies for Diagnosis of Viral Infections. Small, 2021, 17, e2100692.	5.2	16
1136	Estimating Real-Time qPCR Amplification Efficiency from Single-Reaction Data. Life, 2021, 11, 693.	1.1	3
1137	Highly multiplexed rapid DNA detection with single-nucleotide specificity via convective PCR in a portable device. Nature Biomedical Engineering, 2021, 5, 702-712.	11.6	41

#	Article	IF	CITATIONS
1138	A deep learning model for predicting next-generation sequencing depth from DNA sequence. Nature Communications, 2021, 12, 4387.	5.8	26
1139	Microbiological and Chemical Characteristics of Wet Coffee Fermentation Inoculated With Hansinaspora uvarum and Pichia kudriavzevii and Their Impact on Coffee Sensory Quality. Frontiers in Microbiology, 2021, 12, 713969.	1.5	20
1140	Enhanced Bio-Barcode Immunoassay Using Droplet Digital PCR for Multiplex Detection of Organophosphate Pesticides. Journal of Agricultural and Food Chemistry, 2021, 69, 11131-11141.	2.4	2
1141	Partial N Gene Sequencing for SARS-CoV-2 Verification and Pathway Tracing. International Medical Case Reports Journal, 2021, Volume 14, 1-10.	0.3	5
1142	Omics Approaches for Understanding Plant Defense Response. , 2021, , 41-83.		3
1143	In Vitro Replication Assay for Merkel Cell Polyomavirus (MCPyV). Current Protocols in Microbiology, 2015, 38, 14F.2.1-19.	6.5	5
1144	Rapid Cycle DNA Amplification. , 1994, , 174-181.		40
1145	Automation and Use of Robotics in Nucleic Acid Amplification Assays. , 1997, , 151-164.		1
1146	Quantitative PCR Technology. , 1998, , 97-110.		1
1147	Statistical Estimations of PCR Amplification Rates. , 1998, , 111-128.		15
1148	Fluorescence Monitoring of Rapid Cycle PCR for Quantification. , 1998, , 129-144.		14
1149	SYBR® Green and TaqMan® Quantitative PCR Arrays: Expression Profile of Genes Relevant to a Pathway or a Disease State. Methods in Molecular Biology, 2014, 1182, 321-359.	0.4	13
1150	Molecular Approaches to Recognize Relevant and Emerging Infectious Diseases in Animals. Methods in Molecular Biology, 2015, 1247, 109-124.	0.4	4
1151	The Use of Multiplex Real-Time PCR for the Simultaneous Detection of Foodborne Bacterial Pathogens. Methods in Molecular Biology, 2019, 1918, 35-45.	0.4	8
1152	Quantitation of CD39 Gene Expression in Pancreatic Tissue by Real-Time Polymerase Chain Reaction. Methods in Molecular Biology, 2009, 576, 351-362.	0.4	2
1153	Detection of Salmonella Species in Foodstuffs. Methods in Molecular Biology, 2008, 429, 33-43.	0.4	8
1154	Quantitative Analysis of Gene Expression Relative to 18S rRNA in Carcinoma Samples Using the LightCycler® Instrument and a SYBR Greenl-based Assay: Determining FAT10 mRNA Levels in Hepatocellular Carcinoma. Methods in Molecular Biology, 2008, 429, 59-72.	0.4	11
1155	Quantitative PCR for Detection of mRNA and gDNA in Environmental Isolates. Methods in Molecular Biology, 2014, 1096, 25-42.	0.4	4

#	Article	IF	CITATIONS
1156	Diagnosis of Viral Infections. , 2017, , 151-182.		4
1157	Resonant Acoustic Profiling (RAPâ,,¢) and Rupture Event Scanning (REVSâ,,¢)., 2006,, 449-479.		1
1158	PCR und Real-Time PCR. , 2010, , 35-47.		2
1159	Bluetongue Disease: An Analysis of the Epidemic in Germany 2006–2009. Parasitology Research Monographs, 2012, , 103-135.	0.4	10
1160	Application of Molecular Beacons in Real-Time PCR. , 2013, , 45-59.		3
1161	Fluorescence Correlation Spectroscopy in Nucleic Acid Analysis. Springer Series in Chemical Physics, 2001, , 25-64.	0.2	8
1162	Micro-Genetic Analysis Systems. , 1998, , 261-266.		5
1163	Quantification of the HA-1 gene product at the RNA level; relevance for immunotherapy of hematological malignancies. The Hematology Journal, 2003, 4, 315-320.	2.0	32
1164	Real-time PCR-based fluorescent assay for quantitation of human papillomavirus types $6,11,16,$ and $18.$ Molecular Diagnosis and Therapy, $2001,6,39-47.$	1.3	20
1165	Developing multiplex ddPCR assays for SARS-CoV-2 detection based on probe mix and amplitude based multiplexing. Expert Review of Molecular Diagnostics, 2021, 21, 119-129.	1.5	34
1166	Lyophilization to improve the sensitivity of qPCR for bacterial DNA detection in serum: the Q fever paradigm. Journal of Medical Microbiology, 2016, 65, 462-467.	0.7	10
1168	Quantitation of Cytomegalovirus: Methodologic Aspects and Clinical Applications. Clinical Microbiology Reviews, 1998, 11, 533-554.	5.7	376
1169	Rapid and Sensitive Quantification of Borrelia burgdorferi -Infected Mouse Tissues by Continuous Fluorescent Monitoring of PCR. Journal of Clinical Microbiology, 1999, 37, 987-992.	1.8	176
1170	Quantitation of Hepatitis B Virus Genomic DNA by Real-Time Detection PCR. Journal of Clinical Microbiology, 1999, 37, 2899-2903.	1.8	252
1171	Ecto-5′-nucleotidase (CD73) regulation by hypoxia-inducible factor-1 mediates permeability changes in intestinal epithelia. Journal of Clinical Investigation, 2002, 110, 993-1002.	3.9	569
1172	Ecto-5′-nucleotidase (CD73) regulation by hypoxia-inducible factor-1 mediates permeability changes in intestinal epithelia. Journal of Clinical Investigation, 2002, 110, 993-1002.	3.9	429
1173	CSF Analysis in the Diagnosis of Viral Encephalitis and Meningitis. , 2003, , .		1
1174	Dialister. , 2011, , 409-418.		2

#	Article	IF	CITATIONS
1175	Genetic-Based Methods for Detection of Bacterial Pathogens. Food Additives, 2005, , .	0.1	3
1176	Confidence intervals for nonhomogeneous branching processes and polymerase chain reactions. Annals of Probability, 2005, 33, .	0.8	14
1177	The <i>Drosophila daughterless</i> gene autoregulates and is controlled by both positive and negative <i>cis</i> regulation. Development (Cambridge), 2001, 128, 4705-4714.	1.2	31
1178	The importance of selecting the appropriate reference genes for quantitative real time PCR as illustrated using colon cancer cells and tissue. F1000Research, 0, 5, 99.	0.8	12
1179	Current PCR Methods. Materials and Methods, 0, 2, .	0.0	4
1180	A Mechanistic Model of PCR for Accurate Quantification of Quantitative PCR Data. PLoS ONE, 2010, 5, e12355.	1.1	80
1181	Novel Bioluminescent Quantitative Detection of Nucleic Acid Amplification in Real-Time. PLoS ONE, 2010, 5, e14155.	1.1	73
1182	Worm Burden-Dependent Disruption of the Porcine Colon Microbiota by Trichuris suis Infection. PLoS ONE, 2012, 7, e35470.	1.1	138
1183	Requirement of Plasminogen Binding to Its Cell-Surface Receptor α-Enolase for Efficient Regeneration of Normal and Dystrophic Skeletal Muscle. PLoS ONE, 2012, 7, e50477.	1.1	13
1184	Unique Reporter-Based Sensor Platforms to Monitor Signalling in Cells. PLoS ONE, 2012, 7, e50521.	1.1	4
1185	Identification of Appropriate Reference Genes for Human Mesenchymal Cells during Expansion and Differentiation. PLoS ONE, 2013, 8, e73792.	1.1	36
1186	Targeted RNA-Sequencing with Competitive Multiplex-PCR Amplicon Libraries. PLoS ONE, 2013, 8, e79120.	1.1	30
1187	A New Synthetic FGF Receptor Antagonist Inhibits Arteriosclerosis in a Mouse Vein Graft Model and Atherosclerosis in ApolipoproteinÂE-Deficient Mice. PLoS ONE, 2013, 8, e80027.	1.1	9
1188	Evidence Based Selection of Commonly Used RT-qPCR Reference Genes for the Analysis of Mouse Skeletal Muscle. PLoS ONE, 2014, 9, e88653.	1.1	69
1189	Reference Gene Selection for Quantitative Real-Time PCR Normalization in Reaumuria soongorica. PLoS ONE, 2014, 9, e104124.	1.1	27
1190	Does Reproductive Investment Decrease Telomere Length in Menidia menidia?. PLoS ONE, 2015, 10, e0125674.	1.1	18
1191	New Phosphospecific Antibody Reveals Isoform-Specific Phosphorylation of CPEB3 Protein. PLoS ONE, 2016, 11, e0150000.	1.1	8
1192	Nanopore-Based Target Sequence Detection. PLoS ONE, 2016, 11, e0154426.	1.1	43

#	Article	IF	CITATIONS
1193	Loop Mediated Isothermal Amplification (LAMP) Test- a Novel Nucleic Acid Based Assay for Disease Diagnosis. Advances in Animal and Veterinary Sciences, 2014, 2, 344-350.	0.1	14
1195	GENETIC DIFFERENTIATION METHODS OF MICROORGANISMS IN THE SOIL - PLANT SYSTEM. Postepy Mikrobiologii, 2019, 56, 341-352.	0.1	3
1196	Principles of Real-Time PCR., 2012, , 3-17.		4
1197	DD3PCA3 gene expression in cancer and prostatic hyperplasia. Clinical and Investigative Medicine, 2009, 32, 258.	0.3	18
1198	Methods for quantitation of gene expression. Frontiers in Bioscience - Landmark, 2009, Volume, 552.	3.0	19
1199	Mitochondrial DNA depletion reduces PARP-1 levels and promotes progression of the neoplastic phenotype in prostate carcinoma. Cellular Oncology, 2008, 30, 307-22.	1.9	29
1200	Quantification of <l>Fusarium oxysporum</l> f. sp. <l>phaseoli</l> Detected by Real-time Quantitative PCR in Different Common Beans Cultivars. Acta Agronomica Sinica(China), 2013, 38, 791-799.	0.1	6
1201	Gene Expression Analysis: A Way to Study Tolerance to Abiotic Stresses in Crops Species. Chilean Journal of Agricultural Research, 2009, 69, .	0.4	4
1202	Comparison of SYBR Green and TaqMan methods in quantitative real-time polymerase chain reaction analysis of four adenosine receptor subtypes. Advanced Biomedical Research, 2014, 3, 85.	0.2	139
1203	Gene Expression Profiles of Aralkylamine N-Acetyltransferase, B-cell Translocation Gene-2 and Fatty Acid Synthase in Pasture-based Primiparous Holstein-Friesian Dairy Cows Supplemented with Crude Degummed Canola Oil. Advancements in Genetic Engineering, 2015, 04, .	0.1	1
1204	Expression profile of the GA733 gene family in colorectal cancer: correlation with clinicopathological parameters. Genetics and Molecular Research, 2015, 14, 14772-14781.	0.3	2
1205	Microarray applications in nephrology with special focus on transplantation. Journal of Nephrology, 2012, 25, 589-602.	0.9	9
1206	A Study Bioremediation of Tidal Flat by Microorganism in Pilot Scale Test. Journal of Life Science, 2014, 24, 1110-1117.	0.2	1
1207	Necessity of purification during bacterial DNA extraction with environmental soils. Environmental Health and Toxicology, 2017, 32, e2017013.	1.8	11
1208	Validation of reference genes for quantitative RT-PCR normalization in <i>Suaeda aralocaspica</i> , an annual halophyte with heteromorphism and C4 pathway without Kranz anatomy. PeerJ, 2016, 4, e1697.	0.9	20
1209	Evolution of genes involved in feeding preference and metabolic processes in Calliphoridae (Diptera:) Tj ETQq1 1	0.784314	rgBT /Over
1210	Screening of reference genes in real-time PCR for <i>Radopholus similis</i> . PeerJ, 2019, 7, e6253.	0.9	5
1211	Recent Advances in Nanozyme Research for Disease Diagnostics. KSBB Journal, 2015, 30, 1-10.	0.1	3

#	Article	IF	CITATIONS
1212	Quantitative Real-Time PCR for Determination of Transgene in Callus of Jatropha curcas. Annual Research & Review in Biology, 2014, 4, 874-885.	0.4	1
1213	Application of Molecular Microbiology Techniques in Bioremediation of Hydrocarbons and Other Pollutants. British Biotechnology Journal, 2013, 3, 90-115.	0.4	8
1214	Application of Reverse Transcription Droplet Digital PCR for Detection and Quantification of Tomato Spotted Wilt Virus. Research in Plant Disease, 2021, 27, 120-127.	0.3	0
1215	Reference Gene Selection for Normalizing Gene Expression in Ips Sexdentatus (Coleoptera:) Tj ETQq1 1 0.784314 752768.	rgBT /Ove 1.3	rlock 10 Tf 11
1216	Identification and validation of a pyroptosis-related prognostic signature for thyroid cancer. Cancer Cell International, 2021, 21, 523.	1.8	20
1217	General Aspects of Nonradioactive Analysis of Biomolecules. , 2000, , 1-37.		O
1218	Applications of the Polymerase Chain Reaction for Detection, Identification, and Typing of Foodborne Microorganisms. , 2000, , .		0
1220	CSF Analysis in the Diagnosis of Viral Encephalitis and Meningitis. , 2003, , 62-127.		O
1221	Real Time Reverse Transcription PCR. , 2004, , 1131-1135.		1
1222	Enhancing PCB bioremediation. , 2005, , 147-214.		3
1223	Real-Time PCR for the Detection of Pathogens in Meat. Food Additives, 2006, , 131-153.	0.1	6
1225	Applications of the Polymerase Chain Reaction for Detection, Identification, and Typing of Food-Borne Microorganisms., 2007,, 235-276.		2
1226	Section 2 update: Detection of microbial nucleic acids by polymerase chain reaction in aquatic samples. , 2008, , 2271-2333.		0
1227	PML-RARalpha gene detection method optimization for quantitative PCR. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2008, 44, .	0.3	O
1229	Anti-obesity Effect of a Non-salty Soybean Paste Fermented with Rice Yeast on Mice Fed a High-fat Diet. Nihon EiyŕShokuryŕGakkai Shi = Nippon EiyŕShokuryŕGakkaishi = Journal of Japanese Society of Nutrition and Food Science, 2009, 62, 171-178.	0.2	2
1230	Molecular Detection: Principles and Methods. , 2009, , 27-48.		2
1231	Detection of Adulterations., 2009,, 687-712.		O
1232	Detection of Adulterations: Identifi cation of Seafood Species. , 2009, , 705-730.		O

#	Article	IF	CITATIONS
1233	Development of an accurate and cost-effective quantitative detection method for specific gene sequences. Synthesiology, 2010, 3, 162-172.	0.2	0
1235	DNA Biomarkers in the Diagnosis and Management of Cancer. , 2010, , 165-184.		0
1236	Detection of Adulterations., 2010,, 615-640.		1
1237	Detection of Allergens in Foods. , 2010, , 13-27.		0
1238	Quantitative Real-time PCR using Lactobacilli as Livestock Probiotics. Journal of Life Science, 2010, 20, 1896-1901.	0.2	1
1239	Molecular Strategies: Detection of Foodborne Bacterial Pathogens. , 2011, , 189-206.		0
1241	Gene Expression and Functional Genomic Approach for abiotic stress tolerance in different crop species. International Journal for Agro Veterinary and Medical Sciences, 2011, 5, 221.	0.1	7
1243	Nucleic Acid Techniques. , 2012, , 401-442.		0
1244	Hematopoietic Malignancies. , 2012, , 1371-1396.		0
1245	Investigation of Shiga-like toxigenic Escherichia coli in meat products by quantitative PCR. Tehnologija Mesa, 2013, 54, 8-13.	0.1	0
1246	Die Polymerase-Kettenreaktion (PCR). , 2013, , 81-114.		0
1247	Real-Time Fluorescent PCR by Labeled Primer with a Single Fluorescent Molecule. , 2013, , 63-74.		0
1249	Molecular Methods., 2014,, 27-61.		0
1250	Establishment of EvaGreen qPCR for detecting bovine rotavirus based on VP7 gene. African Journal of Microbiology Research, 2014, 8, 743-749.	0.4	2
1251	Ligase Chain Reaction for the Detection of Specific DNA Sequences and Point Mutations. , 1996, , 307-322.		0
1252	Advantages Afforded by Miniaturization and Integration of DNA Analysis Instrumentation. , 1998 , , $278-288$.		0
1253	Capillary PCR - Rationle and Applications Japanese Journal of Thrombosis and Hemostasis, 1999, 10, 84-91.	0.1	0
1254	The Use of qPCR-based Methods to Identify and Quantify Food Spoilage Microorganisms. , 2014, , 321-342.		0

#	Article	IF	CITATIONS
1257	Real-Time Reverse Transcription PCR. , 2016, , 760-760.		0
1258	Assays for Insulin and Insulin-Like Regulation of Energy Metabolism. , 2016, , 2871-2893.		O
1259	Inhibitory Effect of Bridged Nucleosides on Thermus aquaticus DNA Polymerase and Insight into the Binding Interactions. PLoS ONE, 2016, 11, e0147234.	1.1	1
1260	A Real-Time PCR Method to Detect the Population Level of Halovirus SNJ1. PLoS ONE, 2016, 11, e0155642.	1.1	O
1261	Cervical Cancer Screening at a Crossroads: Learnings from the Past Driving Change for the Future. , $0, , .$		0
1262	Diagnostic Tests for Schistosomiasis. , 2016, , 401-439.		0
1265	DEVELOPMENT OF DNA IDENTIFICATION FOR STURGEON SPECIES WITH THE USE OF REAL TIME POLYMERASE CHAIN REACTION. Fisheries Science of Ukraine, 2017, , 60-67.	0.1	0
1267	Panorama general de los organismos genéticamente modificados en Colombia y en el mundo: Capacidad nacional de detección. Revista Colombiana De BiotecnologÃa, 2018, 20, 101-116.	0.5	O
1269	Relative Expression Analysis of Target Genes by Using Reverse Transcription-Quantitative PCR. Methods in Molecular Biology, 2020, 2072, 51-63.	0.4	0
1272	Coronavirus-SARS-CoV-2: Biology and Problems in rRT-PCR Detection. Borneo Journal of Pharmacy, 2020, 3, 136-145.	0.1	O
1274	Advances and insights in the diagnosis of viral infections. Journal of Nanobiotechnology, 2021, 19, 348.	4.2	52
1275	LoopTag FRET Probe System for Multiplex qPCR Detection of Borrelia Species. Life, 2021, 11, 1163.	1.1	2
1276	Molecular Barcoding as a Defense Against Benchtop Biochemical Attacks on DNA Fingerprinting and Information Forensics. IEEE Transactions on Information Forensics and Security, 2020, 15, 3595-3609.	4.5	7
1277	Molecular techniques of viral diagnosis. Science Archives, 2020, 01, .	0.2	9
1278	GAPDH spike RNA as an alternative for housekeeping genes in relative gene expression assay using real-time PCR. Bulletin of the National Research Centre, 2020, 44, .	0.7	7
1281	Oncogenic Viruses and Their Molecular Diagnosis in Poultry. Black Sea Journal of Engineering and Science, 2020, 3, 165-172.	0.3	O
1282	METHODS OF MOLECULAR DIAGNOSTICS FOR FISH SPECIES IDENTIFICATION. Food Systems, 2020, 3, 32-41.	0.2	2
1283	Microfluidic Device Security., 2021,, 555-577.		O

#	Article	IF	CITATIONS
1288	Single-tube genotyping without oligonucleotide probes. Genome Research, 1999, 9, 72-8.	2.4	49
1289	Quantitative analysis of gene amplification in insecticide-resistant Culex mosquitoes. Biochemical Journal, 2000, 346 Pt 1, 17-24.	1.7	14
1290	Downregulation in components of the mitochondrial electron transport chain in the postmortem frontal cortex of subjects with bipolar disorder. Journal of Psychiatry and Neuroscience, 2006, 31, 189-96.	1.4	151
1291	Methods in molecular cardiology: quantitative real-time polymerase chain reaction. Netherlands Heart Journal, 2003, 11, 401-404.	0.3	0
1292	The 'PREXCEL-Q Method' for qPCR. International Journal of Biomedical Science, 2008, 4, 273-293.	0.5	20
1293	Detection and characterization of nocardia from patients diagnosed as tuberculosis in egypt. International Journal of Biomedical Science, 2008, 4, 179-84.	0.5	4
1294	Microarrays, antiobesity and the liver. Annals of Hepatology, 2004, 3, 137-45.	0.6	3
1295	The potential for liquid biopsies in the precision medical treatment of breast cancer. Cancer Biology and Medicine, 2016, 13, 19-40.	1.4	12
1296	Single-Tube Genotyping without Oligonucleotide Probes. Genome Research, 1999, 9, 72-78.	2.4	165
1297	Evaluation validation of a qPCR curve analysis method and conventional approaches. BMC Genomics, 2021, 22, 680.	1.2	4
1298	qPrimerDB: A Powerful and User-Friendly Database for qPCR Primer Design. Methods in Molecular Biology, 2022, 2392, 173-182.	0.4	4
1299	SuperSelective primer pairs for sensitive detection of rare somatic mutations. Scientific Reports, 2021, 11, 22384.	1.6	4
1300	Altered uterine angiogenesis in rats treated with a glyphosate-based herbicide. Environmental Pollution, 2022, 296, 118729.	3.7	4
1301	Molecular Diagnostics in Bone Marrow Haematopathology. , 2020, , 362-417.		0
1302	Towards application of CRISPR-Cas12a in the design of modern viral DNA detection tools (Review). Journal of Nanobiotechnology, 2022, 20, 41.	4.2	47
1303	Human iPSC-Cardiomyocytes as an Experimental Model to Study Epigenetic Modifiers of Electrophysiology. Cells, 2022, 11, 200.	1.8	12
1304	Anti-Interference Detection of Vibrio parahaemolyticus from Aquatic Food Based on Target-Cyclized RCA with Dynamic Adapter Followed by LAMP. Foods, 2022, 11, 352.	1.9	6
1305	Nakedâ€eye detection strategies coupled with isothermal nucleic acid amplification techniques for the detection of human pathogens. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 1913-1939.	5.9	23

#	Article	IF	CITATIONS
1306	Identification of Suitable Reference Genes for qRT-PCR Normalization in Kiwifruit. Horticulturae, 2022, 8, 170.	1.2	7
1307	Contribution and Future of High-Throughput Transcriptomics in Battling Tuberculosis. Frontiers in Microbiology, 2022, 13, 835620.	1.5	3
1308	Digital PCR Applications in the SARS-CoV-2/COVID-19 Era: a Roadmap for Future Outbreaks. Clinical Microbiology Reviews, 2022, 35, e0016821.	5.7	26
1309	Identifying optimal reference genes for gene expression studies in Eurasian spruce bark beetle, Ips typographus (Coleoptera: Curculionidae: Scolytinae). Scientific Reports, 2022, 12, 4671.	1.6	6
1310	Multiplex SuperSelective PCR Assays for the Detection and Quantitation of Rare Somatic Mutations in Liquid Biopsies. Journal of Molecular Diagnostics, 2022, 24, 189-204.	1.2	1
1311	Portable real-time colorimetric LAMP-device for rapid quantitative detection of nucleic acids in crude samples. Scientific Reports, 2022, 12, 3775.	1.6	43
1312	Advanced diagnostic approaches developed for the global menace of rice diseases: a review. Canadian Journal of Plant Pathology, 2022, 44, 627-651.	0.8	6
1313	Oxidative Stress Biomarkers and Mitochondrial DNA Copy Number Associated with APOE4 Allele and Cholinesterase Inhibitor Therapy in Patients with Alzheimer's Disease. Antioxidants, 2021, 10, 1971.	2.2	8
1314	Microbiological Laboratory Diagnosis of Human Brucellosis: An Overview. Pathogens, 2021, 10, 1623.	1.2	37
1316	PCR Basics. , 2006, , 1-25.		0
1325	Diagnostic Approach to Viral Hepatitis. , 0, , 50-64.		0
1326	Application of Molecular Biology to the Diagnosis of Viral Hepatitis. , 0, , 755-768.		0
1329	Can one detect intermediate denaturation states of DNA sequences by following the equilibrium open–close dynamic fluctuations of a single base pair?. Journal of Chemical Physics, 2022, 156, 164907.	1.2	3
1330	Optimized quantitative PCR analysis of random DNA aptamer libraries. Analytical Biochemistry, 2022, 650, 114712.	1.1	2
1331	Protein and mRNA Quantification in Small Samples of Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes in 96-Well Microplates. Methods in Molecular Biology, 2022, , 15-37.	0.4	8
1336	miRNA Expression in Ovarian Cancer in Fresh Frozen, Formalin-fixed Paraffin-embedded and Plasma Samples. In Vivo, 2022, 36, 1591-1602.	0.6	4
1339	Self-Assembled Inkjet Printer for Droplet Digital Loop-Mediated Isothermal Amplification. Chemosensors, 2022, 10, 247.	1.8	4
1341	Development of Reference Genes for Horticultural Plants. Critical Reviews in Plant Sciences, 2022, 41, 190-208.	2.7	3

#	Article	IF	CITATIONS
1342	In food safety control overview of using Real-Time PCR. Tarla Bitkileri Merkez Arastirma Enstitusu, 0, , 53-61.	0.2	0
1343	Development of a low-cost multi-channel nucleic acid detection PCR instrument and clinical detection application of COVID-19. Analytica Chimica Acta, 2022, 1229, 340338.	2.6	1
1344	Genetic Modified Food for Ensuring Food Security Issues., 0,,.		0
1345	Clinical microbiology in detection and identification of emerging microbial pathogens: past, present and future. Emerging Microbes and Infections, 2022, 11, 2579-2589.	3.0	6
1346	Comparison of DNA Extraction Methods for the Quantification of Listeria monocytogenes in Dairy Products by Real-Time Quantitative PCR>. Journal of Food Protection, 2022, 85, 1531-1537.	0.8	1
1347	A pBBR1â€based vector with IncP group plasmid compatibility for <i>Methylorubrum extorquens</i> MicrobiologyOpen, 2022, 11, .	1.2	1
1348	Adaptive Filtering Framework to Remove Nonspecific and Low-Efficiency Reactions in Multiplex Digital PCR Based on Sigmoidal Trends. Analytical Chemistry, 2022, 94, 14159-14168.	3.2	5
1349	Real-time PCR-based Fluorescent Assay for Quantitation of Human Papillomavirus Types 6, 11, 16, and 18. Molecular Diagnosis and Therapy, 2001, 6, 39-47.	1.3	3
1350	Molecular epidemiology and mechanism of Klebsiella pneumoniae resistance to ertapenem but not to other carbapenems in China. Frontiers in Microbiology, $0,13,13$	1.5	5
1351	Detection of Fish Allergens in Foods Using an In-House Real-Time PCR Targeting the Ribosomal 18S rRNA Gene. Foods, 2022, 11, 3686.	1.9	0
1353	Measurement of Transgenes Copy Number in Wheat Plants Using Droplet Digital PCR. Bio-protocol, 2022, 12, .	0.2	1
1354	<pre><scp>ITS3</scp>/<scp>ITS4</scp> outperforms other <scp>ITS</scp> region and <scp>18S rRNA</scp> gene primer sets for amplicon sequencing of soil fungi. European Journal of Soil Science, 2022, 73, .</pre>	1.8	5
1355	Comparison between relative and absolute quantitative real-time PCR applied to single-cell analyses: Transcriptional levels in a key neuron for long-term memory in the pond snail. PLoS ONE, 2022, 17, e0279017.	1,1	3
1356	Real-Time Polymerase Chain Reaction: Current Techniques, Applications, and Role in COVID-19 Diagnosis. Genes, 2022, 13, 2387.	1.0	20
1357	Synthesis of Novel 1,3,4-Oxadiazole-Derived $\hat{l}\pm$ -Aminophosphonates/ $\hat{l}\pm$ -Aminophosphonic Acids and Evaluation of Their In Vitro Antiviral Activity against the Avian Coronavirus Infectious Bronchitis Virus. Pharmaceutics, 2023, 15, 114.	2.0	3
1358	Advances in droplet digital polymerase chain reaction on microfluidic chips. Lab on A Chip, 2023, 23, 1258-1278.	3.1	19
1359	An Aluminum-Based Microfluidic Chip for Polymerase Chain Reaction Diagnosis. Molecules, 2023, 28, 1085.	1.7	1
1360	Prospecting true ScYLV resistance in Saccharum hybrid parental population in India by symptom phenotyping and viral titre quantification. 3 Biotech, 2023, 13, .	1.1	0

#	Article	IF	CITATIONS
1362	Malachite Green-Based Detection of SARS-CoV-2 by One-Step Reverse Transcription Loop-Mediated Isothermal Amplification., 2023, 47, 359-367.		1
1363	Assessment of ACC and P450 Genes Expression in Wild Oat (Avena ludoviciana) in Different Tissues Under Herbicide Application. Biochemical Genetics, 0, , .	0.8	1
1364	A Silicon-Based PDMS-PEG Copolymer Microfluidic Chip for Real-Time Polymerase Chain Reaction Diagnosis. Journal of Functional Biomaterials, 2023, 14, 208.	1.8	0
1365	Facilitation of Dye-Based Quantitative Real-Time Polymerase Chain Reaction with Poly(ethylene) Tj ETQq1 1 0.784	314 rgBT 1.9	/Qverlock 1
1366	Polymerase Chain Reaction: Applications in Gene and Cell Therapy Studies. Biochemistry, 0, , .	0.8	0
1367	Longâ€Range Energy Transfer between Dyeâ€Loaded Nanoparticles: Observation and Amplified Detection of Nucleic Acids. Advanced Materials, 2023, 35, .	11.1	5
1371	Integrated multi-omics analyses of microbial communities: a review of the current state and future directions. Molecular Omics, 2023, 19, 607-623.	1.4	6
1379	Advanced Microbiological Diagnostic Techniques in Viral Infections of the Central Nervous System. , 2023, , 399-418.		0
1381	Detection of viroids. , 2024, , 297-321.		0
1382	Diagnosis of infectious diseases: complexity to convenience. Sensors & Diagnostics, 2024, 3, 354-380.	1.9	0