

Jeremy A Garson

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

15,901
citations

186265

28
h-index

206112

48
g-index

53
all docs

53
docs citations

53
times ranked

26356
citing authors

#	ARTICLE	IF	CITATIONS
1	The MIQE Guidelines: Minimum Information for Publication of Quantitative Real-Time PCR Experiments. <i>Clinical Chemistry</i> , 2009, 55, 611-622.	3.2	12,487
2	The Digital MIQE Guidelines: Minimum Information for Publication of Quantitative Digital PCR Experiments. <i>Clinical Chemistry</i> , 2013, 59, 892-902.	3.2	723
3	Diagnosis of Neuroinvasive Astrovirus Infection in an Immunocompromised Adult With Encephalitis by Unbiased Next-Generation Sequencing. <i>Clinical Infectious Diseases</i> , 2015, 60, 919-923.	5.8	262
4	The need for transparency and good practices in the qPCR literature. <i>Nature Methods</i> , 2013, 10, 1063-1067.	19.0	251
5	The Digital MIQE Guidelines Update: Minimum Information for Publication of Quantitative Digital PCR Experiments for 2020. <i>Clinical Chemistry</i> , 2020, 66, 1012-1029.	3.2	247
6	Differential susceptibility of PCR reactions to inhibitors: an important and unrecognised phenomenon. <i>BMC Research Notes</i> , 2008, 1, 70.	1.4	191
7	Disease-associated XMRV sequences are consistent with laboratory contamination. <i>Retrovirology</i> , 2010, 7, 111.	2.0	141
8	Real-time PCR quantitation of hepatitis B virus DNA using automated sample preparation and murine cytomegalovirus internal control. <i>Journal of Virological Methods</i> , 2005, 126, 207-213.	2.1	134
9	Comparative Study of Sensitivity, Linearity, and Resistance to Inhibition of Digital and Nondigital Polymerase Chain Reaction and Loop Mediated Isothermal Amplification Assays for Quantification of Human Cytomegalovirus. <i>Analytical Chemistry</i> , 2014, 86, 4387-4394.	6.5	126
10	Detection of SARS Coronavirus in Plasma by Real-Time RT-PCR. <i>New England Journal of Medicine</i> , 2003, 349, 2468-2469.	27.0	124
11	Novel non-isotopic in situ hybridization technique detects small (1 Kb) unique sequences in routinely G-banded human chromosomes: fine mapping of N-myc and β -NGF genes. <i>Nucleic Acids Research</i> , 1987, 15, 4761-4770.	14.5	122
12	Minor groove binder modification of widely used TaqMan probe for hepatitis E virus reduces risk of false negative real-time PCR results. <i>Journal of Virological Methods</i> , 2012, 186, 157-160.	2.1	101
13	Evaluation of diagnostic methods for the detection of cytomegalovirus in recipients of allogeneic stem cell transplants. <i>Journal of Clinical Virology</i> , 2001, 20, 59-70.	3.1	68
14	Primer Sequence Disclosure: A Clarification of the MIQE Guidelines. <i>Clinical Chemistry</i> , 2011, 57, 919-921.	3.2	63
15	Transmission of hepatitis C virus by organ transplantation in the United Kingdom. <i>Journal of Hepatology</i> , 1994, 20, 768-772.	3.7	55
16	Detection of Rare Drug Resistance Mutations by Digital PCR in a Human Influenza A Virus Model System and Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2016, 54, 392-400.	3.9	52
17	Application of a novel in vitro selection technique to isolate and characterise high affinity DNA aptamers binding mammalian prion proteins. <i>Journal of Virological Methods</i> , 2008, 151, 107-115.	2.1	47
18	Cautionary Note on Contamination of Reagents Used for Molecular Detection of SARS-CoV-2. <i>Clinical Chemistry</i> , 2020, 66, 1369-1372.	3.2	46

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19	Quantitative analysis of human endogenous retrovirus-K transcripts in postmortem premotor cortex fails to confirm elevated expression of HERV-K RNA in amyotrophic lateral sclerosis. <i>Acta Neuropathologica Communications</i> , 2019, 7, 45.	5.2	44
20	Analysis of XMRV integration sites from human prostate cancer tissues suggests PCR contamination rather than genuine human infection. <i>Retrovirology</i> , 2011, 8, 13.	2.0	43
21	Digital PCR dynamic range is approaching that of real-time quantitative PCR. <i>Biomolecular Detection and Quantification</i> , 2016, 10, 31-33.	7.0	43
22	Development and evaluation of a real-time RT-PCR assay for quantification of cell-free human immunodeficiency virus type 2 using a Brome Mosaic Virus internal control. <i>Journal of Virological Methods</i> , 2006, 135, 102-108.	2.1	41
23	Quality Control Assessment of Human Immunodeficiency Virus Type 2 (HIV-2) Viral Load Quantification Assays: Results from an International Collaboration on HIV-2 Infection in 2006. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2088-2091.	3.9	40
24	Instability of 8E5 calibration standard revealed by digital PCR risks inaccurate quantification of HIV DNA in clinical samples by qPCR. <i>Scientific Reports</i> , 2017, 7, 1209.	3.3	35
25	Development of an ethidium monoazide-enhanced internally controlled universal 16S rDNA real-time polymerase chain reaction assay for detection of bacterial contamination in platelet concentrates. <i>Transfusion</i> , 2012, 52, 1423-1432.	1.6	33
26	Development of an improved RT-qPCR Assay for detection of Japanese encephalitis virus (JEV) RNA including a systematic review and comprehensive comparison with published methods. <i>PLoS ONE</i> , 2018, 13, e0194412.	2.5	32
27	A Second Outbreak of Hepatitis C Virus Infection from Anti-D Immunoglobulin in Ireland. <i>Vox Sanguinis</i> , 1999, 76, 175-180.	1.5	31
28	Unreliable Real-Time PCR Analysis of Human Endogenous Retrovirus-W (HERV-W) RNA Expression and DNA Copy Number in Multiple Sclerosis. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 377-378.	1.1	29
29	An International Collaboration To Standardize HIV-2 Viral Load Assays: Results from the 2009 ACHI E V 2E Quality Control Study. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3491-3497.	3.9	29
30	No Evidence of XMRV or Related Retroviruses in a London HIV-1-Positive Patient Cohort. <i>PLoS ONE</i> , 2011, 6, e18096.	2.5	25
31	Development and clinical application of a fully controlled quantitative PCR assay for cell-free cytomegalovirus in human plasma. <i>Journal of Clinical Virology</i> , 2003, 26, 49-59.	3.1	24
32	Quantitation of hepatitis C virus using an in-house real-time reverse transcriptase polymerase chain reaction in plasma samples. <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 61, 415-420.	1.8	24
33	Lack of susceptibility of the cottontop tamarin to hepatitis C infection. <i>Journal of Medical Virology</i> , 1997, 52, 286-288.	5.0	23
34	Proof-of-Principle for Immune Control of Global HIV-1 Reactivation In Vivo. <i>Clinical Infectious Diseases</i> , 2015, 61, 120-128.	5.8	17
35	Optimized protocol for a quantitative SARS-CoV-2 duplex RT-qPCR assay with internal human sample sufficiency control. <i>Journal of Virological Methods</i> , 2021, 294, 114174.	2.1	16
36	A Second Outbreak of Hepatitis C Virus Infection from Anti–D Immunoglobulin in Ireland. <i>Vox Sanguinis</i> , 1999, 76, 175-180.	1.5	16

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37	Highly sensitive and specific detection of the SARS-CoV-2 Delta variant by double-mismatch allele-specific real time reverse transcription PCR. <i>Journal of Clinical Virology</i> , 2022, 146, 105049.	3.1	15
38	A HML6 endogenous retrovirus on chromosome 3 is upregulated in amyotrophic lateral sclerosis motor cortex. <i>Scientific Reports</i> , 2021, 11, 14283.	3.3	13
39	Complement fixation by IgM and IgG autoantibodies on cultured human glial cells. <i>Journal of Neurosurgery</i> , 1981, 55, 19-26.	1.6	11
40	Development and evaluation of an internally controlled semiautomated PCR assay for quantification of cell-free cytomegalovirus. <i>Journal of Medical Virology</i> , 2002, 66, 518-523.	5.0	11
41	Multiple sclerosis-associated retrovirus and related human endogenous retrovirus-W in patients with multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2014, 266, 87-88.	2.3	11
42	Evaluation of an ethidium monoazide-enhanced 16 S r DNA real-time polymerase chain reaction assay for bacterial screening of platelet concentrates and comparison with automated culture. <i>Transfusion</i> , 2014, 54, 870-878.	1.6	9
43	Response to the Letter from Garcia-Montojo and colleagues concerning our paper entitled, Quantitative analysis of human endogenous retrovirus-K transcripts in postmortem premotor cortex fails to confirm elevated expression of HERV-K RNA in amyotrophic lateral sclerosis. <i>Acta Neuropathologica Communications</i> . 2019, 7, 102.	5.2	9
44	Absence of human retrovirus 5 in French patients with rheumatoid arthritis: Comment on the article by Griffiths et al. <i>Arthritis and Rheumatism</i> , 1999, 42, 2492-2493.	6.7	8
45	Viral RNA Degradation Makes Urine a Challenging Specimen for Detection of Japanese Encephalitis Virus in Patients With Suspected CNS Infection. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz048.	0.9	7
46	Whole Blood as an Alternative to Plasma for Detection of Hepatitis C Virus RNA. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3791-3794.	3.9	5
47	Minor groove binder modification of widely used TaqMan hydrolysis probe for detection of dengue virus reduces risk of false-negative real-time PCR results for serotype 4. <i>Journal of Virological Methods</i> , 2019, 268, 17-23.	2.1	2
48	Lack of susceptibility of the cottontop tamarin to hepatitis C infection. , 1997, 52, 286.		2