

Ian M Mackay

List of Publications by Year in descending order

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96
papers

8,913
citations

81900

39
h-index

48315

88
g-index

193
all docs

193
docs citations

193
times ranked

10027
citing authors

#	ARTICLE	IF	CITATIONS
1	Guideline to reference gene selection for quantitative real-time PCR. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 856-862.	2.1	1,409
2	Real-time PCR in virology. <i>Nucleic Acids Research</i> , 2002, 30, 1292-1305.	14.5	1,041
3	Identification of a Novel Polyomavirus from Patients with Acute Respiratory Tract Infections. <i>PLoS Pathogens</i> , 2007, 3, e64.	4.7	581
4	Real-time PCR in the microbiology laboratory. <i>Clinical Microbiology and Infection</i> , 2004, 10, 190-212.	6.0	578
5	Frequent detection of human rhinoviruses, paramyxoviruses, coronaviruses, and bocavirus during acute respiratory tract infections. <i>Journal of Medical Virology</i> , 2006, 78, 1232-1240.	5.0	366
6	Evidence of human coronavirus HKU1 and human bocavirus in Australian children. <i>Journal of Clinical Virology</i> , 2006, 35, 99-102.	3.1	332
7	MERS coronavirus: diagnostics, epidemiology and transmission. <i>Virology Journal</i> , 2015, 12, 222.	3.4	288
8	Human Bocavirus: Passenger or Pathogen in Acute Respiratory Tract Infections?. <i>Clinical Microbiology Reviews</i> , 2008, 21, 291-304.	13.6	266
9	Characterisation of a newly identified human rhinovirus, HRV-QPM, discovered in infants with bronchiolitis. <i>Journal of Clinical Virology</i> , 2007, 39, 67-75.	3.1	209
10	Proposals for the classification of human rhinovirus species C into genotypically assigned types. <i>Journal of General Virology</i> , 2010, 91, 2409-2419.	2.9	199
11	Evidence of human metapneumovirus in Australian children. <i>Medical Journal of Australia</i> , 2002, 176, 188-188.	1.7	180
12	New human coronavirus, HCoV-NL63, associated with severe lower respiratory tract disease in Australia. <i>Journal of Medical Virology</i> , 2005, 75, 455-462.	5.0	180
13	Molecular Assays for Detection of Human Metapneumovirus. <i>Journal of Clinical Microbiology</i> , 2003, 41, 100-105.	3.9	161
14	A Sensitive, Specific, and Cost-Effective Multiplex Reverse Transcriptase-PCR Assay for the Detection of Seven Common Respiratory Viruses in Respiratory Samples. <i>Journal of Molecular Diagnostics</i> , 2004, 6, 125-131.	2.8	154
15	Real-Time PCR Assays for Detection of Bocavirus in Human Specimens. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3231-3235.	3.9	149
16	Do rhinoviruses reduce the probability of viral co-detection during acute respiratory tract infections?. <i>Journal of Clinical Virology</i> , 2009, 45, 10-15.	3.1	148
17	Distinguishing Molecular Features and Clinical Characteristics of a Putative New Rhinovirus Species, Human Rhinovirus C (HRV C). <i>PLoS ONE</i> , 2008, 3, e1847.	2.5	131
18	Community Epidemiology of Human Metapneumovirus, Human Coronavirus NL63, and Other Respiratory Viruses in Healthy Preschool-Aged Children Using Parent-Collected Specimens. <i>Pediatrics</i> , 2007, 120, e929-e937.	2.1	127

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19	Human Metapneumovirus in Lung Transplant Recipients and Comparison to Respiratory Syncytial Virus. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 876-881.	5.6	125
20	Global Genetic Diversity of Human Metapneumovirus Fusion Gene. <i>Emerging Infectious Diseases</i> , 2004, 10, 1154-1157.	4.3	122
21	Human rhinoviruses: The cold wars resume. <i>Journal of Clinical Virology</i> , 2008, 42, 297-320.	3.1	101
22	Detection and Differentiation of Human Polyomaviruses JC and BK by LightCycler PCR. <i>Journal of Clinical Microbiology</i> , 2001, 39, 4357-4361.	3.9	98
23	Genetic Diversity of Human Metapneumovirus over 4 Consecutive Years in Australia. <i>Journal of Infectious Diseases</i> , 2006, 193, 1630-1633.	4.0	86
24	Prospective Characterization of Protracted Bacterial Bronchitis in Children. <i>Chest</i> , 2014, 145, 1271-1278.	0.8	84
25	Mayaro virus: a forest virus primed for a trip to the city?. <i>Microbes and Infection</i> , 2016, 18, 724-734.	1.9	80
26	Use of the P Gene to Genotype Human Metapneumovirus Identifies 4 Viral Subtypes. <i>Journal of Infectious Diseases</i> , 2004, 190, 1913-1918.	4.0	75
27	Cytotoxic T-Lymphocyte Epitope Vaccination Protects against Human Metapneumovirus Infection and Disease in Mice. <i>Journal of Virology</i> , 2006, 80, 2034-2044.	3.4	74
28	Newly identified human rhinoviruses: molecular methods heat up the cold viruses. <i>Reviews in Medical Virology</i> , 2010, 20, 156-176.	8.3	74
29	Human Metapneumovirus, Australia, 2001-2004. <i>Emerging Infectious Diseases</i> , 2006, 12, 1263-1266.	4.3	71
30	Assessment of Local Mosquito Species Incriminates <i>Aedes aegypti</i> as the Potential Vector of Zika Virus in Australia. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004959.	3.0	66
31	Middle East respiratory syndrome: An emerging coronavirus infection tracked by the crowd. <i>Virus Research</i> , 2015, 202, 60-88.	2.2	65
32	Newly identified respiratory viruses in children with asthma exacerbation not requiring admission to hospital. <i>Journal of Medical Virology</i> , 2010, 82, 1458-1461.	5.0	64
33	Observational Research in Childhood Infectious Diseases (ORChID): a dynamic birth cohort study: Table 1. <i>BMJ Open</i> , 2012, 2, e002134.	1.9	63
34	Heterogeneous and Dynamic Prevalence of Asymptomatic Influenza Virus Infections. <i>Emerging Infectious Diseases</i> , 2016, 22, 1052-1056.	4.3	63
35	Respiratory viruses in exacerbations of non-cystic fibrosis bronchiectasis in children. <i>Archives of Disease in Childhood</i> , 2014, 99, 749-753.	1.9	62
36	Detection and Discrimination of Herpes Simplex Viruses, <i>Haemophilus ducreyi</i> , <i>Treponema pallidum</i> , and <i>Calymmatobacterium (Klebsiella) granulomatis</i> from Genital Ulcers. <i>Clinical Infectious Diseases</i> , 2006, 42, 1431-1438.	5.8	60

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37	Community-Wide, Contemporaneous Circulation of a Broad Spectrum of Human Rhinoviruses in Healthy Australian Preschool-Aged Children During a 12-Month Period. <i>Journal of Infectious Diseases</i> , 2013, 207, 1433-1441.	4.0	48
38	Adenovirus Species C Is Associated With Chronic Suppurative Lung Diseases in Children. <i>Clinical Infectious Diseases</i> , 2014, 59, 34-40.	5.8	48
39	Molecular characterization and distinguishing features of a novel human rhinovirus (HRV) C, HRVC-QCE, detected in children with fever, cough and wheeze during 2003. <i>Journal of Clinical Virology</i> , 2010, 47, 219-223.	3.1	45
40	Co-circulation of Four Human Coronaviruses (HCoVs) in Queensland Children with Acute Respiratory Tract Illnesses in 2004. <i>Viruses</i> , 2012, 4, 637-653.	3.3	41
41	Respiratory virus detection in nasopharyngeal aspirate versus bronchoalveolar lavage is dependent on virus type in children with chronic respiratory symptoms. <i>Journal of Clinical Virology</i> , 2013, 58, 683-688.	3.1	41
42	Detection of Human Respiratory Syncytial Virus in Respiratory Samples by LightCycler Reverse Transcriptase PCR. <i>Journal of Clinical Microbiology</i> , 2002, 40, 4418-4422.	3.9	40
43	A Single Dose of Azithromycin Does Not Improve Clinical Outcomes of Children Hospitalised with Bronchiolitis: A Randomised, Placebo-Controlled Trial. <i>PLoS ONE</i> , 2013, 8, e74316.	2.5	38
44	Usefulness of Published PCR Primers in Detecting Human Rhinovirus Infection. <i>Emerging Infectious Diseases</i> , 2011, 17, 296-298.	4.3	36
45	Ebola virus in the semen of convalescent men. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 149-150.	9.1	36
46	A real-time PCR assay for the detection of <i>Neisseria gonorrhoeae</i> by LightCycler. <i>Diagnostic Microbiology and Infectious Disease</i> , 2002, 42, 85-89.	1.8	31
47	Age-specific and sex-specific morbidity and mortality from avian influenza A(H7N9). <i>Journal of Clinical Virology</i> , 2013, 58, 568-570.	3.1	31
48	Specific detection of enterovirus 71 directly from clinical specimens using real-time RT-PCR hybridization probe assay. <i>Molecular and Cellular Probes</i> , 2006, 20, 135-140.	2.1	30
49	Detection and differentiation of herpes simplex virus types 1 and 2 by a duplex LightCycler PCR that incorporates an internal control PCR reaction. <i>Journal of Clinical Virology</i> , 2004, 30, 32-38.	3.1	28
50	Human Bocavirus: Multisystem Detection Raises Questions about Infection. <i>Journal of Infectious Diseases</i> , 2007, 196, 968-970.	4.0	28
51	Three-Weekly Doses of Azithromycin for Indigenous Infants Hospitalized with Bronchiolitis: A Multicentre, Randomized, Placebo-Controlled Trial. <i>Frontiers in Pediatrics</i> , 2015, 3, 32.	1.9	28
52	From sneeze to wheeze: What we know about rhinovirus Cs. <i>Journal of Clinical Virology</i> , 2013, 57, 291-299.	3.1	25
53	Particle and bioaerosol characteristics in a paediatric intensive care unit. <i>Environment International</i> , 2017, 107, 89-99.	10.0	25
54	Preliminary Comparison of Three LightCycler PCR Assays for the Detection of Herpes Simplex Virus in Swab Specimens. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2003, 22, 764-767.	2.9	21

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55	Human rhinoviruses: coming in from the cold. <i>Genome Medicine</i> , 2009, 1, 44.	8.2	20
56	Quantitative PCR-ELAHA for the Determination of Retroviral Vector Transduction Efficiency. <i>Molecular Therapy</i> , 2001, 3, 801-808.	8.2	18
57	Randomized placebo-controlled trial on azithromycin to reduce the morbidity of bronchiolitis in Indigenous Australian infants: rationale and protocol. <i>Trials</i> , 2011, 12, 94.	1.6	16
58	Bronchiectasis exacerbation study on azithromycin and amoxicillin-clavulanate for respiratory exacerbations in children (BEST-2): study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 53.	1.6	16
59	Simultaneous detection and differentiation of human polyomaviruses JC and BK by a rapid and sensitive PCR-ELAHA assay and a survey of the JCV subtypes within an Australian population. <i>Journal of Medical Virology</i> , 2004, 72, 467-472.	5.0	15
60	Detection and differentiation of Plasmodium species by polymerase chain reaction and colorimetric detection in blood samples of patients with suspected malaria. <i>Diagnostic Microbiology and Infectious Disease</i> , 2004, 49, 25-29.	1.8	15
61	Orthopoxvirus Detection in Environmental Specimens during Suspected Bioterror Attacks: Inhibitory Influences of Common Household Products. <i>Applied and Environmental Microbiology</i> , 2008, 74, 32-37.	3.1	15
62	Human rhinovirus C in adult haematopoietic stem cell transplant recipients with respiratory illness. <i>Journal of Clinical Virology</i> , 2013, 56, 339-343.	3.1	15
63	Evaluation of a commercial enzyme-linked immunosorbent assay for detection of serum immunoglobulin G response to human herpesvirus 6. <i>Journal of Clinical Microbiology</i> , 1996, 34, 675-679.	3.9	15
64	Antibiotics for bronchiectasis exacerbations in children: rationale and study protocol for a randomised placebo-controlled trial. <i>Trials</i> , 2012, 13, 156.	1.6	14
65	A novel duplex real-time PCR for HPIV-4 detects co-circulation of both viral subtypes among ill children during 2008. <i>Journal of Clinical Virology</i> , 2012, 54, 83-85.	3.1	13
66	Detection of Specific ZIKV IgM in Travelers Using a Multiplexed Flavivirus Microsphere Immunoassay. <i>Viruses</i> , 2018, 10, 253.	3.3	13
67	Co-detection and discrimination of six human herpesviruses by multiplex PCR-ELAHA. <i>Journal of Clinical Virology</i> , 2003, 28, 291-302.	3.1	12
68	Detection of Neisseria Meningitidis in Clinical Samples by a Duplex Real-Time PCR Targeting the porA and ctrA Genes. <i>Molecular Diagnosis and Therapy</i> , 2003, 7, 141-145.	1.1	12
69	Prior Evidence of Putative Novel <i>Rhinovirus</i> Species, Australia. <i>Emerging Infectious Diseases</i> , 2008, 14, 1823-1825.	4.3	10
70	An Opportunistic Pathogen Afforded Ample Opportunities: Middle East Respiratory Syndrome Coronavirus. <i>Viruses</i> , 2017, 9, 369.	3.3	10
71	HPeV-3 predominated among Parechovirus A positive infants during an outbreak in 2013-2014 in Queensland, Australia. <i>Journal of Clinical Virology</i> , 2018, 98, 28-32.	3.1	10
72	On the Home Front: Specialized Reference Testing for Dengue in the Australasian Region. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 75.	2.3	9

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73	Bacteria and viruses in the nasopharynx immediately prior to onset of acute lower respiratory infections in Indigenous Australian children. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1785-1794.	2.9	9
74	Respiratory Viruses in Neonates. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 1355-1357.	2.0	8
75	Presence of atopy increases the risk of asthma relapse. <i>Archives of Disease in Childhood</i> , 2018, 103, 346-351.	1.9	8
76	Genotypic diversity, circulation patterns and co-detections among rhinoviruses in Queensland, 2001. <i>Access Microbiology</i> , 2020, 2, acmi000075.	0.5	8
77	A newly designed real-time RT-PCR for SAFV detects SAFV-2 and SAFV-3 in the respiratory tracts of ill children during 2011. <i>Journal of Clinical Virology</i> , 2012, 55, 173-176.	3.1	6
78	Diagnosis of human herpesvirus-6 infection in two patients with central nervous system complications. <i>Clinical and Diagnostic Virology</i> , 1995, 3, 333-341.	1.7	5
79	Detection of <i>Neisseria meningitidis</i> by LightCycler PCR. <i>Pathology</i> , 2003, 35, 347-349.	0.6	5
80	Human Coronavirus Nomenclature. <i>Pediatric Infectious Disease Journal</i> , 2006, 25, 662.	2.0	5
81	Detection of Toscana virus from an adult traveler returning to Australia with encephalitis. <i>Journal of Medical Virology</i> , 2017, 89, 1861-1864.	5.0	5
82	Real-time Fluorescent PCR Techniques to Study Microbial-Host Interactions. <i>Methods in Microbiology</i> , 2004, 34, 255-330.	0.8	4
83	Mackay et al. (2006; doi:10.1093/cid/cil143). <i>Clinical Infectious Diseases</i> , 2006, 43, 270-270.	5.8	3
84	Measles Vaccine Virus RNA in Children More Than 100 Days after Vaccination. <i>Viruses</i> , 2019, 11, 636.	3.3	3
85	Detection of <i>Neisseria Meningitidis</i> in Clinical Samples by a Duplex Real-Time PCR Targeting the <i>porA</i> and <i>ctrA</i> Genes. <i>Molecular Diagnosis and Therapy</i> , 2003, 7, 141-145.	1.1	3
86	Avian influenza A (H7N9) virus: Can it help us more objectively judge all respiratory viruses?. <i>Journal of Clinical Virology</i> , 2013, 58, 338-339.	3.1	2
87	Polymerase chain reaction and respiratory viruses. , 2009, , 189-211.		1
88	Circularizing picornavirus genomes to rapidly obtain terminal sequence. <i>Journal of Clinical Virology</i> , 2013, 58, 286-287.	3.1	1
89	Rhinoviruses. , 2014, , 675-712.		1
90	Mackay et al. (2004; doi:10.1093/cid/cil143). <i>Journal of Infectious Diseases</i> , 2006, 193, 168-168.	4.0	0

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91	Enhancing influenza diagnostics to catch a shifting target. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 923.	9.1	0
92	Deep sequence characterisation of a divergent HPIV-4a from an adult with prolonged influenza-like illness. <i>Virology Reports</i> , 2015, 5, 19-28.	0.4	0
93	The Middle East respiratory syndrome puzzle: A familiar virus, a familiar disease, but some assembly still required. <i>Journal of Infection and Public Health</i> , 2015, 8, 405-408.	4.1	0
94	<i>Haemophilus ducreyi</i> and <i>Klebsiella granulomatis</i> . , 2010, , 157-160.		0
95	Protocol for the Use of Enzyme-Linked Hybridization Assays for Genital Ulcer Disease. <i>Methods in Molecular Biology</i> , 2012, 903, 225-233.	0.9	0
96	Laboratory methods supporting measles surveillance in Queensland, Australia, 2010â€“2017. <i>Access Microbiology</i> , 2020, 2, acmi000093.	0.5	0