

John S Mackenzie

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

7,314
citations

71102

41
h-index

62596

80
g-index

135
all docs

135
docs citations

135
times ranked

7331
citing authors

#	ARTICLE	IF	CITATIONS
1	The Emergence of Japanese Encephalitis Virus in Australia in 2022: Existing Knowledge of Mosquito Vectors. <i>Viruses</i> , 2022, 14, 1208.	3.3	30
2	Apnoeic oxygenation was associated with decreased desaturation rates during rapid sequence intubation in multiple Australian and New Zealand emergency departments. <i>Emergency Medicine Journal</i> , 2021, 38, 118-124.	1.0	8
3	Genome Sequence Analysis of First Ross River Virus Isolate from Papua New Guinea Indicates Long-Term, Local Evolution. <i>Viruses</i> , 2021, 13, 482.	3.3	4
4	Science, not speculation, is essential to determine how SARS-CoV-2 reached humans. <i>Lancet, The</i> , 2021, 398, 209-211.	13.7	18
5	An appeal for an objective, open, and transparent scientific debate about the origin of SARS-CoV-2 – Authors' reply. <i>Lancet, The</i> , 2021, 398, 1404-1405.	13.7	0
6	Highlights from Science Policy Interface sessions at the One Health Congress 2020. <i>One Health Outlook</i> , 2021, 3, 1.	3.4	20
7	The Diversity and Distribution of Viruses Associated with <i>Culex annulirostris</i> Mosquitoes from the Kimberley Region of Western Australia. <i>Viruses</i> , 2020, 12, 717.	3.3	17
8	Phylogenetic and Timescale Analysis of Barmah Forest Virus as Inferred from Genome Sequence Analysis. <i>Viruses</i> , 2020, 12, 732.	3.3	9
9	Pandemic preparedness planning in peacetime: what is missing?. <i>One Health Outlook</i> , 2020, 2, 19.	3.4	3
10	COVID-19 – A Novel Zoonotic Disease: A Review of the Disease, the Virus, and Public Health Measures. <i>Asia-Pacific Journal of Public Health</i> , 2020, 32, 145-153.	1.0	24
11	Genome-Scale Phylogeny and Evolutionary Analysis of Ross River Virus Reveals Periodic Sweeps of Lineage Dominance in Western Australia, 1977 – 2014. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
12	Zoonoses. <i>Microbiology Australia</i> , 2020, 41, 3.	0.4	2
13	Statement in support of the scientists, public health professionals, and medical professionals of China combatting COVID-19. <i>Lancet, The</i> , 2020, 395, e42-e43.	13.7	182
14	From Hendra to Wuhan: what has been learned in responding to emerging zoonotic viruses. <i>Lancet, The</i> , 2020, 395, e33-e34.	13.7	74
15	Discovery of Jogonalong virus, a novel hepacivirus identified in a <i>Culex annulirostris</i> (Skuse) mosquito from the Kimberley region of Western Australia. <i>PLoS ONE</i> , 2020, 15, e0227114.	2.5	13
16	COVID-19: a novel zoonotic disease caused by a coronavirus from China: what we know and what we don't. <i>Microbiology Australia</i> , 2020, 41, 45.	0.4	340
17	The One Health Approach – Why Is It So Important?. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 88.	2.3	352
18	Exploiting the Legacy of the Arbovirus Hunters. <i>Viruses</i> , 2019, 11, 471.	3.3	17

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19	Japanese Encephalitis Virus in Australia: From Known Known to Known Unknown. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 38.	2.3	34
20	The risks to Australia from emerging and exotic arboviruses. <i>Microbiology Australia</i> , 2018, 39, 84.	0.4	1
21	Dengue viruses in Papua New Guinea: evidence of endemicity and phylogenetic variation, including the evolution of new genetic lineages. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-11.	6.5	28
22	The ecology and epidemiology of Ross River and Murray Valley encephalitis viruses in Western Australia: examples of One Health in Action. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2017, 111, 248-254.	1.8	23
23	Vertebrate Reservoirs of Arboviruses: Myth, Synonym of Amplifier, or Reality?. <i>Viruses</i> , 2017, 9, 185.	3.3	56
24	The "One Health" journal: Filling a niche. <i>One Health</i> , 2016, 2, 18.	3.4	4
25	Zika virus and Guillain-Barré syndrome: another viral cause to add to the list. <i>Lancet, The</i> , 2016, 387, 1486-1488.	13.7	67
26	Yellow fever vaccine supply: a possible solution. <i>Lancet, The</i> , 2016, 387, 1599-1600.	13.7	44
27	Periodic global One Health threats update. <i>One Health</i> , 2016, 2, 1-7.	3.4	11
28	The Role of Bats as Reservoir Hosts of Emerging Neuroviruses. , 2016, , 403-454.		3
29	Analysis of Arbovirus Isolates from Australia Identifies Novel Bunyaviruses Including a Mapputta Group Virus from Western Australia That Links Gan Gan and Maprik Viruses. <i>PLoS ONE</i> , 2016, 11, e0164868.	2.5	7
30	Impacts of El Niño Southern Oscillation and Indian Ocean Dipole on dengue incidence in Bangladesh. <i>Scientific Reports</i> , 2015, 5, 16105.	3.3	48
31	Absence of MERS-CoV antibodies in feral camels in Australia: Implications for the pathogen's origin and spread. <i>One Health</i> , 2015, 1, 76-82.	3.4	37
32	Measuring the relationship between interruptions, multitasking and prescribing errors in an emergency department: a study protocol: Table A1. <i>BMJ Open</i> , 2015, 5, e009076.	1.9	24
33	Projecting Future Transmission of Malaria Under Climate Change Scenarios: Challenges and Research Needs. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 777-811.	12.8	13
34	The Molecular Epidemiology and Evolution of Murray Valley Encephalitis Virus: Recent Emergence of Distinct Sub-lineages of the Dominant Genotype 1. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004240.	3.0	12
35	The Global Outbreak Alert and Response Network. <i>Global Public Health</i> , 2014, 9, 1023-1039.	2.0	55
36	Rainfall and sentinel chicken seroconversions predict human cases of Murray Valley encephalitis in the north of Western Australia. <i>BMC Infectious Diseases</i> , 2014, 14, 672.	2.9	13

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37	Epidemiologic Patterns of Ross River Virus Disease in Queensland, Australia, 2001â€“2011. American Journal of Tropical Medicine and Hygiene, 2014, 91, 109-118.	1.4	21
38	One Health: From Concept to Practice. , 2014, , 163-189.		32
39	Spatial and Temporal Patterns of Locally-Acquired Dengue Transmission in Northern Queensland, Australia, 1993â€“2012. PLoS ONE, 2014, 9, e92524.	2.5	28
40	SARS legacy: outbreak reporting is expected and respected. Lancet, The, 2013, 381, 779-781.	13.7	40
41	Reservoirs and vectors of emerging viruses. Current Opinion in Virology, 2013, 3, 170-179.	5.4	47
42	Low seroprevalence of Murray Valley Encephalitis and Kunjin viruses in an opportunistic serosurvey, Victoria 2011. Australian and New Zealand Journal of Public Health, 2013, 37, 427-433.	1.8	15
43	The legacies of SARS - international preparedness and readiness to respond to future threats in the Western Pacific Region. Western Pacific Surveillance and Response Journal: WPSAR, 2013, 4, 4-8.	0.6	7
44	Murray Valley encephalitis: a review of clinical features, diagnosis and treatment. Medical Journal of Australia, 2012, 196, 322-326.	1.7	73
45	One Health: its recent evolution and driving issues. Microbiology Australia, 2012, 33, 137.	0.4	3
46	Ross River virus - at the interface between humans, animals and the environment. Microbiology Australia, 2012, 33, 160-162.	0.4	1
47	The viruses of Australia and the risk to tourists. Travel Medicine and Infectious Disease, 2011, 9, 113-125.	3.0	39
48	Genetic characterization of K13965, a strain of Oak Vale virus from Western Australia. Virus Research, 2011, 160, 206-213.	2.2	23
49	A review of the epidemiology and surveillance of viral zoonotic encephalitis and the impact on human health in Australia. NSW Public Health Bulletin, 2011, 22, 99.	0.3	16
50	Cover Essay: Warrnyu, the Fruit Bats. EcoHealth, 2011, 7, 6-7.	2.0	0
51	1st International One Health Congress. EcoHealth, 2011, 7, 1-2.	2.0	8
52	Determinants of attenuation in the envelope protein of the flavivirus Alfuy. Journal of General Virology, 2011, 92, 2286-2296.	2.9	20
53	Responding to emerging diseases: reducing the risks through understanding of emergence. Western Pacific Surveillance and Response Journal: WPSAR, 2011, 2, e1-e1.	0.6	2
54	Responding to emerging diseases: reducing the risks through understanding the mechanisms of emergence. Western Pacific Surveillance and Response Journal: WPSAR, 2011, 2, 1-5.	0.6	13

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55	Toponymous diseases of Australia. <i>Medical Journal of Australia</i> , 2010, 193, 642-646.	1.7	7
56	Vector Competence of Australian Mosquitoes for Chikungunya Virus. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 489-495.	1.5	71
57	Dengue and climate change in Australia: predictions for the future should incorporate knowledge from the past. <i>Medical Journal of Australia</i> , 2009, 190, 265-268.	1.7	105
58	Socio-environmental predictors of Barmah forest virus transmission in coastal areas, Queensland, Australia. <i>Tropical Medicine and International Health</i> , 2009, 14, 247-256.	2.3	14
59	Ecology and Geographical Expansion of Japanese Encephalitis Virus. <i>Annual Review of Entomology</i> , 2009, 54, 17-35.	11.8	378
60	Transmission of Japanese Encephalitis Virus from the Black Flying Fox, <i>Pteropus alecto</i> , to <i>Culex annulirostris</i> Mosquitoes, Despite the Absence of Detectable Viremia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 457-462.	1.4	53
61	The effect of climate change on Australian arboviruses. <i>Microbiology Australia</i> , 2009, 30, 62.	0.4	0
62	Nipah virus. <i>Microbiology Australia</i> , 2009, 30, 145.	0.4	0
63	2009 human H1N1 influenza (swine flu). <i>Microbiology Australia</i> , 2009, 30, 127.	0.4	0
64	Emerging Infectious Disease. <i>Microbiology Australia</i> , 2009, 30, 112.	0.4	0
65	Transmission of Japanese Encephalitis virus from the black flying fox, <i>Pteropus alecto</i> , to <i>Culex annulirostris</i> mosquitoes, despite the absence of detectable viremia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 457-62.	1.4	31
66	Domestic Pigs and Japanese Encephalitis Virus Infection, Australia. <i>Emerging Infectious Diseases</i> , 2008, 14, 1736-1738.	4.3	57
67	Global Distribution of Novel Rhinovirus Genotype. <i>Emerging Infectious Diseases</i> , 2008, 14, 944-947.	4.3	97
68	Climate Variability, Social and Environmental Factors, and Ross River Virus Transmission: Research Development and Future Research Needs. <i>Environmental Health Perspectives</i> , 2008, 116, 1591-1597.	6.0	49
69	Introduction: Conceptualizing and Partitioning the Emergence Process of Zoonotic Viruses from Wildlife to Humans. <i>Current Topics in Microbiology and Immunology</i> , 2007, 315, 1-31.	1.1	36
70	Genetic and phenotypic differences between isolates of Murray Valley encephalitis virus in Western Australia, 1972-2003. <i>Virus Genes</i> , 2007, 35, 147-154.	1.6	21
71	The influenza viruses. <i>Medical Journal of Australia</i> , 2006, 185, S39-43.	1.7	99
72	Weather Variability, Tides, and Barmah Forest Virus Disease in the Gladstone Region, Australia. <i>Environmental Health Perspectives</i> , 2006, 114, 678-683.	6.0	23

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73	Japanese Encephalitis Virus: The Geographic Distribution, Incidence, and Spread of a Virus with a Propensity to Emerge in New Areas. <i>Perspectives in Medical Virology</i> , 2006, 16, 201-268.	0.1	55
74	Biological, antigenic and phylogenetic characterization of the flavivirus Alfuy. <i>Journal of General Virology</i> , 2006, 87, 329-337.	2.9	35
75	Epitope-Blocking Enzyme-Linked Immunosorbent Assay for Detection of Antibodies to Ross River Virus in Vertebrate Sera. <i>Vaccine Journal</i> , 2006, 13, 814-817.	3.1	13
76	THE FIRST ISOLATION OF JAPANESE ENCEPHALITIS VIRUS FROM MOSQUITOES COLLECTED FROM MAINLAND AUSTRALIA. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 21-25.	1.4	64
77	Short report: the first isolation of Japanese encephalitis virus from mosquitoes collected from mainland Australia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 21-5.	1.4	25
78	Emerging zoonotic encephalitis viruses: Lessons from Southeast Asia and Oceania. <i>Journal of NeuroVirology</i> , 2005, 11, 434-440.	2.1	84
79	Genetic Typing of Classical Swine Fever Viruses from Lao PDR by Analysis of the 5' Non-Coding Region. <i>Virus Genes</i> , 2005, 31, 349-355.	1.6	19
80	Prevalence of neutralising antibodies to Barmah Forest, Sindbis and Trubanaman viruses in animals and humans in the south-west of Western Australia. <i>Australian Journal of Zoology</i> , 2005, 53, 51.	1.0	21
81	Identification of new flaviviruses in the Kokobera virus complex. <i>Journal of General Virology</i> , 2005, 86, 121-124.	2.9	28
82	First external quality assurance of antibody diagnostic for SARS-new coronavirus. <i>Journal of Clinical Virology</i> , 2005, 34, 22-25.	3.1	21
83	Emerging flaviviruses: the spread and resurgence of Japanese encephalitis, West Nile and dengue viruses. <i>Nature Medicine</i> , 2004, 10, S98-S109.	30.7	1,081
84	Phylogenetic analysis of the E2 gene of classical swine fever viruses from Lao PDR. <i>Virus Research</i> , 2004, 104, 87-92.	2.2	27
85	Development of a predictive model for ross river virus disease in Brisbane, Australia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 129-37.	1.4	21
86	Antigenic and genetic typing of Whataroa viruses in Australia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004, 71, 262-7.	1.4	1
87	Complete genomic sequence of the Australian south-west genotype of Sindbis virus: comparisons with other Sindbis strains and identification of a unique deletion in the 3'-untranslated region. <i>Virus Genes</i> , 2003, 26, 317-327.	1.6	11
88	Field Evaluation of a Sentinel Mosquito (Diptera: Culicidae) Trap System to Detect Japanese Encephalitis in Remote Australia. <i>Journal of Medical Entomology</i> , 2003, 40, 249-252.	1.8	23
89	West Nile virus: is there a message for Australia?. <i>Medical Journal of Australia</i> , 2003, 178, 5-6.	1.7	18
90	Role of China in the Quest To Define and Control Severe Acute Respiratory Syndrome. <i>Emerging Infectious Diseases</i> , 2003, 9, 1037-1041.	4.3	53

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91	A molecular epidemiological study of Australian bat lyssavirus. <i>Journal of General Virology</i> , 2003, 84, 485-496.	2.9	71
92	EPIZOOTIC ACTIVITY OF MURRAY VALLEY ENCEPHALITIS AND KUNJIN VIRUSES IN AN ABORIGINAL COMMUNITY IN THE SOUTHEAST KIMBERLEY REGION OF WESTERN AUSTRALIA: RESULTS OF MOSQUITO FAUNA AND VIRUS ISOLATION STUDIES. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 69, 277-283.	1.4	31
93	Australian Biosecurity CRC for Emerging Infectious Diseases (AB-CRC). <i>Microbiology Australia</i> , 2003, 24, 38.	0.4	0
94	Efficacies of the mosquitomagnet and counterflow geometry traps in North Queensland, Australia. <i>Journal of the American Mosquito Control Association</i> , 2003, 19, 265-70.	0.7	11
95	Epizootic activity of Murray Valley encephalitis and Kunjin viruses in an aboriginal community in the southeast Kimberley region of Western Australia: results of mosquito fauna and virus isolation studies. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 69, 277-83.	1.4	12
96	Flavivirus isolations from mosquitoes collected from western Cape York Peninsula, Australia, 1999-2000. <i>Journal of the American Mosquito Control Association</i> , 2003, 19, 392-6.	0.7	16
97	Epizootic activity of Murray Valley encephalitis virus in an aboriginal community in the southeast Kimberley region of Western Australia: results of cross-sectional and longitudinal serologic studies.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 67, 319-323.	1.4	25
98	Detection and stability of Japanese encephalitis virus RNA and virus viability in dead infected mosquitoes under different storage conditions.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 67, 656-661.	1.4	38
99	Dengue virus binding to human leukocyte cell lines: receptor usage differs between cell types and virus strains. <i>Virus Research</i> , 2001, 73, 81-89.	2.2	74
100	The natural history of Hendra and Nipah viruses. <i>Microbes and Infection</i> , 2001, 3, 307-314.	1.9	340
101	Determination of the intramolecular disulfide bond arrangement and biochemical identification of the glycosylation sites of the nonstructural protein NS1 of Murray Valley encephalitis virus. <i>Journal of General Virology</i> , 2001, 82, 2251-2256.	2.9	27
102	Kunjin Virus. <i>Annals of the New York Academy of Sciences</i> , 2001, 951, 153-160.	3.8	58
103	Immunisation with gamma globulin to Murray Valley encephalitis virus and with an inactivated Japanese encephalitis virus vaccine as prophylaxis against Australian encephalitis: Evaluation in a mouse model. , 2000, 61, 259-265.		47
104	The molecular epidemiology of Kokobera virus. <i>Virus Research</i> , 2000, 68, 7-13.	2.2	13
105	The Effect of Climate on the Incidence of Vector-Borne Viral Diseases in Australia: The Potential Value of Seasonal Forecasting. <i>Atmospheric and Oceanographic Sciences Library</i> , 2000, , 429-452.	0.1	16
106	Molecular characterization of the first Australian isolate of Japanese encephalitis virus, the FU strain. <i>Journal of General Virology</i> , 2000, 81, 2471-2480.	2.9	78
107	International Editors: <i>Emerging Viral Diseases: An Australian Perspective</i> . <i>Emerging Infectious Diseases</i> , 1999, 5, 1-8.	4.3	145
108	Japanese encephalitis in north Queensland, Australia, 1998. <i>Medical Journal of Australia</i> , 1999, 170, 533-536.	1.7	231

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109	Identification and analysis of truncated and elongated species of the flavivirus NS1 protein. <i>Virus Research</i> , 1999, 60, 67-79.	2.2	31
110	Genetic analysis of West Nile New York 1999 encephalitis virus. <i>Lancet, The</i> , 1999, 354, 1971-1972.	13.7	168
111	Identification of australian arboviruses in inoculated cell cultures using monoclonal antibodies in ELISA. <i>Pathology</i> , 1998, 30, 286-288.	0.6	76
112	A comparison of the diseases caused by Ross River virus and Barmah Forest virus. <i>Medical Journal of Australia</i> , 1998, 169, 159-163.	1.7	108
113	Characterization of Defective Viral RNA Produced during Persistent Infection of Vero Cells with Murray Valley Encephalitis Virus. <i>Journal of Virology</i> , 1998, 72, 2474-2482.	3.4	51
114	Isolation of Japanese Encephalitis Virus from <i>Culex annulirostris</i> in Australia. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997, 56, 80-84.	1.4	114
115	Genetic Stability Among Temporally and Geographically Diverse Isolates of Barmah Forest Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997, 57, 230-234.	1.4	38
116	Investigation of Gray-Headed Flying Foxes (<i>Pteropus poliocephalus</i>) (Megachiroptera: Pteropodidae) and Mosquitoes in the Ecology of Ross River Virus in Australia. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997, 57, 476-482.	1.4	58
117	An outbreak of Japanese encephalitis in the Torres Strait, Australia, 1995. <i>Medical Journal of Australia</i> , 1996, 165, 256-260.	1.7	298
118	Mosquito-borne viruses and epidemic polyarthritis. <i>Medical Journal of Australia</i> , 1996, 164, 90-93.	1.7	62
119	Geographic Distribution and Evolution of Ross River Virus in Australia and the Pacific Islands. <i>Virology</i> , 1995, 212, 20-29.	2.4	46
120	Emergence of Barmah Forest Virus in Western Australia. <i>Emerging Infectious Diseases</i> , 1995, 1, 22-26.	4.3	34
121	Specific enzyme immunoassays for the rapid detection of Ross River virus in cell cultures inoculated with infected mosquito homogenates. <i>Clinical and Diagnostic Virology</i> , 1995, 4, 195-205.	1.7	10
122	Detection of Ross River virus in clinical samples using a nested reverse transcription-polymerase chain reaction. <i>Clinical and Diagnostic Virology</i> , 1995, 4, 257-267.	1.7	7
123	Two Possible Mechanisms for Survival and Initiation of Murray Valley Encephalitis Virus Activity in the Kimberley Region of Western Australia. <i>American Journal of Tropical Medicine and Hygiene</i> , 1995, 53, 95-99.	1.4	36
124	An outbreak of Barmah Forest virus disease in the south-west of Western Australia. <i>Medical Journal of Australia</i> , 1995, 162, 291-294.	1.7	36
125	Australian Encephalitis in Western Australia, 1978-1991. <i>Medical Journal of Australia</i> , 1993, 158, 591-595.	1.7	67
126	Ross River Virus Isolations from Mosquitoes in Arid Regions of Western Australia: Implication of Vertical Transmission as a Means of Persistence of the Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993, 49, 686-696.	1.4	76

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127	Effect of respiratory tract viral infection on murine airway β_2 -adrenoceptor function, distribution and density. <i>British Journal of Pharmacology</i> , 1991, 104, 914-921.	5.4	22
128	Murray Valley encephalitis acquired in Western Australia. <i>Medical Journal of Australia</i> , 1991, 154, 845-846.	1.7	6
129	Serum IgG subclass responses of humans to inactivated and live influenza A vaccines compared to natural infections with influenza A. <i>Journal of Medical Virology</i> , 1990, 30, 92-96.	5.0	24
130	Time trends in the prevalence of human papillomavirus infections in archival Papanicolaou smears: Analysis by cytology, DNA hybridization, and polymerase chain reaction. <i>Journal of Medical Virology</i> , 1990, 32, 10-17.	5.0	27
131	Two-dimensional gel electrophoresis or RNase T1 resistant oligonucleotides of flavivirus RNA using ultrathin gels. <i>Journal of Virological Methods</i> , 1989, 23, 71-76.	2.1	7
132	Isolation of Murray Valley Encephalitis and Ross River Viruses from <i>Aedes normanensis</i> (Diptera: Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 5	1.8	39
133	The role of bats as reservoir hosts of emerging neurological viruses. , 0, , 382-406.		4
134	Defining the Future of One Health. , 0, , 253-267.		0