

Didier Musso

List of Publications by Citations

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133
papers

10,999
citations

40
h-index

104
g-index

143
ext. papers

13,012
ext. citations

12.3
avg, IF

7.02
L-index

#	Paper	IF	Citations
133	Guillain-Barré Syndrome outbreak associated with Zika virus infection in French Polynesia: a case-control study. <i>Lancet, The</i> , 2016 , 387, 1531-1539	40	1540
132	Zika Virus. <i>Clinical Microbiology Reviews</i> , 2016 , 29, 487-524	34	903
131	Potential sexual transmission of Zika virus. <i>Emerging Infectious Diseases</i> , 2015 , 21, 359-61	10.2	811
130	Real estimates of mortality following COVID-19 infection. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 773	25.5	670
129	Culture of previously uncultured members of the human gut microbiota by culturomics. <i>Nature Microbiology</i> , 2016 , 1, 16203	26.6	555
128	Zika virus, French polynesia, South pacific, 2013. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1085-6	10.2	536
127	Evidence of perinatal transmission of Zika virus, French Polynesia, December 2013 and February 2014. <i>Eurosurveillance</i> , 2014 , 19,	19.8	479
126	Potential for Zika virus transmission through blood transfusion demonstrated during an outbreak in French Polynesia, November 2013 to February 2014. <i>Eurosurveillance</i> , 2014 , 19,	19.8	457
125	Rapid spread of emerging Zika virus in the Pacific area. <i>Clinical Microbiology and Infection</i> , 2014 , 20, O595-6	19.8	425
124	Detection of Zika virus in saliva. <i>Journal of Clinical Virology</i> , 2015 , 68, 53-5	14.5	364
123	An update on Zika virus infection. <i>Lancet, The</i> , 2017 , 390, 2099-2109	40	354
122	Zika virus: following the path of dengue and chikungunya?. <i>Lancet, The</i> , 2015 , 386, 243-4	40	333
121	Zika Virus Transmission from French Polynesia to Brazil. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1887	10.2	223
120	Zika Virus Infection - After the Pandemic. <i>New England Journal of Medicine</i> , 2019 , 381, 1444-1457	59.2	180
119	Emerging arboviruses in the Pacific. <i>Lancet, The</i> , 2014 , 384, 1571-2	40	143
118	2019-nCoV epidemic: what about pregnancies?. <i>Lancet, The</i> , 2020 , 395, e40	40	129
117	Zika Virus Seroprevalence, French Polynesia, 2014-2015. <i>Emerging Infectious Diseases</i> , 2017 , 23, 669-672	10.2	122

116	Laboratory diagnosis of leptospirosis: a challenge. <i>Journal of Microbiology, Immunology and Infection</i> , 2013 , 46, 245-52	8.5	118
115	Guidelines for pregnant women with suspected SARS-CoV-2 infection. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 652-653	25.5	116
114	Seroprevalence of arboviruses among blood donors in French Polynesia, 2011-2013. <i>International Journal of Infectious Diseases</i> , 2015 , 41, 11-2	10.5	103
113	How Did Zika Virus Emerge in the Pacific Islands and Latin America?. <i>MBio</i> , 2016 , 7,	7.8	98
112	Inactivation of Zika virus in plasma with amotosalen and ultraviolet A illumination. <i>Transfusion</i> , 2016 , 56, 33-40	2.9	97
111	Lack of bactericidal effect of antibiotics except aminoglycosides on <i>Bartonella (Rochalimaea) henselae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 1995 , 36, 101-8	5.1	78
110	Zika, dengue, and chikungunya co-infection in a pregnant woman from Colombia. <i>International Journal of Infectious Diseases</i> , 2016 , 51, 135-138	10.5	78
109	History and Emergence of Zika Virus. <i>Journal of Infectious Diseases</i> , 2017 , 216, S860-S867	7	73
108	Zika virus in French Polynesia 2013-14: anatomy of a completed outbreak. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, e172-e182	25.5	68
107	<i>Coxiella burnetii</i> blood cultures from acute and chronic Q-fever patients. <i>Journal of Clinical Microbiology</i> , 1995 , 33, 3129-32	9.7	66
106	Azithromycin Inhibits the Replication of Zika Virus. <i>Journal of Antivirals & Antiretrovirals</i> , 2018 , 10,	2	64
105	Zika virus: a new challenge for blood transfusion. <i>Lancet, The</i> , 2016 , 387, 1993-4	40	63
104	Unexpected outbreaks of arbovirus infections: lessons learned from the Pacific and tropical America. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, e355-e361	25.5	60
103	Chikungunya outbreak, French Polynesia, 2014. <i>Emerging Infectious Diseases</i> , 2015 , 21, 724-6	10.2	54
102	Culturomics and pyrosequencing evidence of the reduction in gut microbiota diversity in patients with broad-spectrum antibiotics. <i>International Journal of Antimicrobial Agents</i> , 2014 , 44, 117-24	14.3	53
101	Inactivation of dengue virus in plasma with amotosalen and ultraviolet A illumination. <i>Transfusion</i> , 2014 , 54, 2924-30	2.9	47
100	Molecular detection of Zika virus in blood and RNA load determination during the French Polynesian outbreak. <i>Journal of Medical Virology</i> , 2017 , 89, 1505-1510	19.7	46
99	Recent emergence of dengue virus serotype 4 in French Polynesia results from multiple introductions from other South Pacific Islands. <i>PLoS ONE</i> , 2011 , 6, e29555	3.7	46

98	Molecular studies neglect apparently gram-negative populations in the human gut microbiota. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 3286-93	9.7	45
97	Serological cross-reactions between <i>Coxiella burnetii</i> and <i>Legionella micdadei</i> . <i>Vaccine Journal</i> , 1997 , 4, 208-12		45
96	Dengue virus type 3, South Pacific Islands, 2013. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1034-6	10.2	42
95	Zika virus: a new threat to the safety of the blood supply with worldwide impact and implications. <i>Transfusion</i> , 2016 , 56, 1907-14	2.9	42
94	Detection of Zika virus RNA in semen of asymptomatic blood donors. <i>Clinical Microbiology and Infection</i> , 2017 , 23, 1001.e1-1001.e3	9.5	41
93	Silent Circulation of Ross River Virus in French Polynesia. <i>International Journal of Infectious Diseases</i> , 2015 , 37, 19-24	10.5	39
92	CDC guidelines for pregnant women during the Zika virus outbreak. <i>Lancet, The</i> , 2016 , 387, 843-4	4.0	37
91	Zika virus: A new threat to human reproduction. <i>American Journal of Reproductive Immunology</i> , 2017 , 77, e12614	3.8	36
90	New evidence for endemic circulation of Ross River virus in the Pacific Islands and the potential for emergence. <i>International Journal of Infectious Diseases</i> , 2017 , 57, 73-76	10.5	35
89	Salt in stools is associated with obesity, gut halophilic microbiota and <i>Akkermansia muciniphila</i> depletion in humans. <i>International Journal of Obesity</i> , 2019 , 43, 862-871	5.5	32
88	Zika virus during pregnancy: From maternal exposure to congenital Zika virus syndrome. <i>Prenatal Diagnosis</i> , 2019 , 39, 420-430	3.2	30
87	Re-visiting the evolution, dispersal and epidemiology of Zika virus in Asia. <i>Emerging Microbes and Infections</i> , 2018 , 7, 79	18.9	30
86	Dengue, Zika and chikungunya during pregnancy: pre- and post-travel advice and clinical management. <i>Journal of Travel Medicine</i> , 2019 , 26,	12.9	30
85	Chikungunya virus imported into French Polynesia, 2014. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1773-4	10.2	30
84	Clinical management of pregnant women exposed to Zika virus. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 523	25.5	30
83	Zika virus and blood transfusion: the experience of French Polynesia. <i>Transfusion</i> , 2017 , 57, 729-733	2.9	28
82	The burden of chikungunya in the Pacific. <i>Clinical Microbiology and Infection</i> , 2015 , 21, e47-8	9.5	28
81	Distribution of rickettsioses in Oceania: past patterns and implications for the future. <i>Acta Tropica</i> , 2015 , 143, 121-33	3.2	28

80	Relative analytical sensitivity of donor nucleic acid amplification technology screening and diagnostic real-time polymerase chain reaction assays for detection of Zika virus RNA. <i>Transfusion</i> , 2017 , 57, 734-747	2.9	27
79	Amustaline (S-303) treatment inactivates high levels of Zika virus in red blood cell components. <i>Transfusion</i> , 2017 , 57, 779-789	2.9	25
78	Use of serum and blood samples on filter paper to improve the surveillance of Dengue in Pacific Island Countries. <i>Journal of Clinical Virology</i> , 2012 , 55, 23-9	14.5	25
77	Zika Virus Infection during Pregnancy and Effects on Early Childhood Development, French Polynesia, 2013-2016. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1850-1858	10.2	25
76	Inactivation of Zika virus in platelet components using amotosalen and ultraviolet A illumination. <i>Transfusion</i> , 2017 , 57, 2016-2025	2.9	24
75	Sequence of quinolone resistance-determining region of gyrA gene for clinical isolates and for an in vitro-selected quinolone-resistant strain of <i>Coxiella burnetii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1996 , 40, 870-3	5.9	24
74	Detection of chikungunya virus in saliva and urine. <i>Virology Journal</i> , 2016 , 13, 102	6.1	24
73	Seroprevalence of Dengue and Chikungunya Virus Antibodies, French Polynesia, 2014-2015. <i>Emerging Infectious Diseases</i> , 2018 , 24, 558-561	10.2	21
72	Spatial resolution of RPC in streamer mode. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 490, 51-57	1.2	21
71	Silent infection of human dendritic cells by African and Asian strains of Zika virus. <i>Scientific Reports</i> , 2018 , 8, 5440	4.9	20
70	Inactivation and removal of Zika virus during manufacture of plasma-derived medicinal products. <i>Transfusion</i> , 2017 , 57, 790-796	2.9	20
69	Ageing tests on the low-resistivity RPC for the ALICE dimuon arm. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 508, 106-109	1.2	19
68	Serological Diagnosis of Flavivirus-Associated Human Infections. <i>Diagnostics</i> , 2020 , 10,	3.8	18
67	A dual threshold technique to improve the time resolution of resistive plate chambers in streamer mode. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 457, 117-125	1.2	18
66	Ongoing outbreak of dengue serotype-3 in Solomon Islands, January to May 2013. <i>Western Pacific Surveillance and Response Journal: WPSAR</i> , 2013 , 4, 28-33	1	18
65	Zika Virus. <i>Pathogens</i> , 2020 , 9,	4.5	18
64	Genome Sequence of a Candidate World Health Organization Reference Strain of Zika Virus for Nucleic Acid Testing. <i>Genome Announcements</i> , 2016 , 4,		18
63	Zika virus: time to move from case reports to case control. <i>Lancet Infectious Diseases</i> , 2016 , 16, 620-621	3.5	17

62	Zika virus, vaccines, and antiviral strategies. <i>Expert Review of Anti-Infective Therapy</i> , 2018 , 16, 471-483	5.5	16
61	Ross River Virus Seroprevalence, French Polynesia, 2014-2015. <i>Emerging Infectious Diseases</i> , 2017 , 23, 1751-1753	10.2	16
60	Leptospira diversity in animals and humans in Tahiti, French Polynesia. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005676	4.8	16
59	Zika Virus Transmission from French Polynesia to Brazil. <i>Emerging Infectious Diseases</i> , 2015 , 21, 1887-1887	7.2	16
58	COVID-19 in pregnant women - AuthorsTrepley. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 654	25.5	14
57	Rickettsia felis: the next mosquito-borne outbreak?. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 1112-1113	25.5	14
56	Clinical management of pregnant women exposed to Zika virus. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 773	25.5	12
55	Absence of antibodies to Rickettsia spp., Bartonella spp., Ehrlichia spp. and Coxiella burnetii in Tahiti, French Polynesia. <i>BMC Infectious Diseases</i> , 2014 , 14, 255	4	12
54	Human infection due to the CDC group IVC-2 bacterium: case report and review. <i>Clinical Infectious Diseases</i> , 1994 , 18, 482-4	11.6	12
53	Zika virus: new emergencies, potential for severe complications, and prevention of transfusion-transmitted Zika fever in the context of co-circulation of arboviruses. <i>Blood Transfusion</i> , 2017 , 15, 272-273	3.6	12
52	AuthorsTrepley. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 775-776	25.5	12
51	Fatal leptospirosis and chikungunya co-infection: Do not forget leptospirosis during chikungunya outbreaks. <i>IDCases</i> , 2016 , 5, 12-4	2	12
50	Emergence of Zika virus: where does it come from and where is it going to?. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 255	25.5	10
49	Epidemiology of Nontuberculous Mycobacteria in French Polynesia. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 3798-804	9.7	10
48	Sustained Low-Level Transmission of Zika and Chikungunya Viruses after Emergence in the Fiji Islands. <i>Emerging Infectious Diseases</i> , 2019 , 25, 1535-1538	10.2	10
47	Aortoabdominal aneurysm infected by Yersinia enterocolitica serotype O:9. <i>Journal of Infection</i> , 1997 , 35, 314-5	18.9	10
46	Uncommon presentation of Zika fever or co-infection?. <i>Lancet, The</i> , 2016 , 387, 1812-3	40	10
45	An international registry for women exposed to Zika virus during pregnancy: time for answers. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 995-996	25.5	9

44	Improvement of leptospirosis surveillance in remote Pacific islands using serum spotted on filter paper. <i>International Journal of Infectious Diseases</i> , 2014 , 20, 74-6	10.5	9
43	Pathogen inactivation of Dengue virus in red blood cells using amustaline and glutathione. <i>Transfusion</i> , 2017 , 57, 2888-2896	2.9	9
42	The ALICE dimuon trigger: overview and electronics prototypes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 456, 126-131	1.2	9
41	High risk of dengue type 2 outbreak in French Polynesia, 2017. <i>Eurosurveillance</i> , 2017 , 22,	19.8	9
40	Isolation of blood-borne Mycobacterium avium by using the nonradioactive BACTEC 9000 MB system and comparison with a solid-culture system. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 3703-6	9.7	8
39	Relevance of the eosinophil blood count in bancroftian filariasis as a screening tool for the treatment. <i>Pathogens and Global Health</i> , 2013 , 107, 96-102	3.1	7
38	Should testing of donors be restricted to active Zika virus areas?. <i>Lancet Infectious Diseases</i> , 2016 , 16, 1108-1109	25.5	7
37	Sexual transmission of arboviruses: More to explore?. <i>International Journal of Infectious Diseases</i> , 2018 , 76, 126-127	10.5	7
36	Ross River Virus Antibody Prevalence, Fiji Islands, 2013-2015. <i>Emerging Infectious Diseases</i> , 2019 , 25, 827-830	10.2	6
35	Amustaline (S-303) treatment inactivates high levels of Chikungunya virus in red-blood-cell components. <i>Vox Sanguinis</i> , 2018 , 113, 232-241	3.1	6
34	Is the Zika threat over?. <i>Clinical Microbiology and Infection</i> , 2018 , 24, 566-567	9.5	6
33	Updated Zika virus recommendations are needed. <i>Lancet, The</i> , 2018 , 392, 818-819	40	6
32	Pseudo-outbreak of listeriosis elucidated by pulsed-field gel electrophoresis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1997 , 16, 756-60	5.3	6
31	Yellow fever: the Pacific should be prepared. <i>Lancet, The</i> , 2018 , 392, 2347	40	6
30	Diversity of Mycobacterium tuberculosis lineages in French Polynesia. <i>Journal of Microbiology, Immunology and Infection</i> , 2017 , 50, 199-206	8.5	5
29	"Mycobacterium massilipolynesiensis" sp. nov., a rapidly-growing mycobacterium of medical interest related to Mycobacterium phlei. <i>Scientific Reports</i> , 2017 , 7, 40443	4.9	5
28	A novel ehrlichial agent detected in tick in French Polynesia. <i>Ticks and Tick-borne Diseases</i> , 2016 , 7, 1203-1208	3.08	5
27	Sensitivity of real-time PCR performed on dried sera spotted on filter paper for diagnosis of leptospirosis. <i>Journal of Clinical Microbiology</i> , 2014 , 52, 3075-7	9.7	5

26	Absence of serological evidence of Rickettsia spp., Bartonella spp., Ehrlichia spp. and Coxiella burnetii infections in American Samoa. <i>Ticks and Tick-borne Diseases</i> , 2016 , 7, 703-705	3.6	5
25	Zika virus: are we going too far?. <i>Lancet, The</i> , 2017 , 389, 151	4.0	4
24	Zika rash and increased risk of congenital brain abnormalities. <i>Lancet, The</i> , 2017 , 389, 151-152	4.0	4
23	Zika virus in Singapore: unanswered questions. <i>Lancet Infectious Diseases, The</i> , 2017 , 17, 782-783	25.5	4
22	The Use of Simple Laboratory Parameters in the Differential Diagnosis of Acute-Phase Zika and Dengue Viruses. <i>Intervirology</i> , 2019 , 62, 51-56	2.5	4
21	A critical analysis of the neurodevelopmental and neurosensory outcomes after 2 years for children with in utero Zika virus exposure. <i>Nature Medicine</i> , 2019 , 25, 1641-1642	50.5	4
20	Clostridium polynesiense sp. nov., a new member of the human gut microbiota in French Polynesia. <i>Anaerobe</i> , 2015 , 36, 79-87	2.8	4
19	Performances of a prototype for the ALICE muon trigger at LHC. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 375-382	1.7	4
18	Résistance aux antibiotiques des bactéries hospitalières (bacilles Gram négatif aérobies). Situation 1992 (Marseille). <i>Medicine Et Maladies Infectieuses</i> , 1995 , 25, 508-514	4	4
17	Emergence of Zika virus. <i>Virologie</i> , 2015 , 19, 225-235	0.4	4
16	Seroprevalence of anti-SARS-CoV-2 IgG at the epidemic peak in French Guiana		4
15	Filariasis serosurvey, New Caledonia, South Pacific, 2013. <i>Parasites and Vectors</i> , 2015 , 8, 102	4	3
14	Harness shared data in international Zika registry. <i>BMJ, The</i> , 2016 , 355, i5319	5.9	3
13	Documentation of transfusion-transmitted arbovirus infections in endemic areas. <i>Transfusion</i> , 2016 , 56, 3143-3144	2.9	3
12	Thoughts Around the Zika Virus Crisis. <i>Current Infectious Disease Reports</i> , 2016 , 18, 46	3.9	2
11	"Mycobacterium mephnesia", a Mycobacterium terrae complex species of clinical interest isolated in French Polynesia. <i>Scientific Reports</i> , 2019 , 9, 11169	4.9	2
10	Predictive value of the eosinophil counts in the biological diagnosis of lymphatic filariasis in French Polynesia. <i>Medicine Et Maladies Infectieuses</i> , 2012 , 42, 585-90	4	2
9	Mycobacterium abscessus pneumonia in a South Pacific islander. <i>Journal of Microbiology, Immunology and Infection</i> , 2017 , 50, 393-394	8.5	1

8	Curved and Spiral Bacilli 2017 , 1600-1610.e2		1
7	Draft Genome Sequence of Mycobacterium tuberculosis Strain MT43, a Representative of the Manu2 Genotype. <i>Genome Announcements</i> , 2015 , 3,		1
6	Draft Genome Sequence of Mycobacterium tuberculosis Strain MT11, Which Represents a New Lineage. <i>Genome Announcements</i> , 2015 , 3,		1
5	Seroprevalence of anti-SARS-CoV-2 IgG at the first epidemic peak in French Guiana, July 2020. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009945	4.8	1
4	Performance of MALDI-TOF Mass Spectrometry to Determine the Sex of Mosquitoes and Identify Specific Colonies from French Polynesia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021 ,	3.2	1
3	Les infections à virus Zika. <i>Revue Francophone Des Laboratoires</i> , 2014 , 2014, 45-52	0	
2	Une mycobactérie peut en cacher une autre. <i>Médecine Et Maladies Infectieuses</i> , 1997 , 27, 741-742	4	
1	Emergence of Zika virus: past detection of antibodies against Zika virus does not mean active circulation of the virus. <i>Virologie</i> , 2016 , 20, 145-146	0.4	