

MaÃ«l Bessaud

List of Publications by Year in descending order

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53
papers

2,078
citations

218677

26
h-index

233421

45
g-index

55
all docs

55
docs citations

55
times ranked

2285
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a TaqMan® RT-PCR assay without RNA extraction step for the detection and quantification of African Chikungunya viruses. <i>Journal of Virological Methods</i> , 2005, 124, 65-71.	2.1	245
2	Epidemic resurgence of Chikungunya virus in democratic Republic of the Congo: Identification of a new central African strain. <i>Journal of Medical Virology</i> , 2004, 74, 277-282.	5.0	176
3	Chikungunya Virus, Cameroon, 2006. <i>Emerging Infectious Diseases</i> , 2007, 13, 768-771.	4.3	121
4	Molecular Comparison and Evolutionary Analyses of VP1 Nucleotide Sequences of New African Human Enterovirus 71 Isolates Reveal a Wide Genetic Diversity. <i>PLoS ONE</i> , 2014, 9, e90624.	2.5	113
5	Evidence of Recombination and Genetic Diversity in Human Rhinoviruses in Children with Acute Respiratory Infection. <i>PLoS ONE</i> , 2009, 4, e6355.	2.5	95
6	High Frequency and Diversity of Species C Enteroviruses in Cameroon and Neighboring Countries. <i>Journal of Clinical Microbiology</i> , 2013, 51, 759-770.	3.9	92
7	Chikungunya Virus Strains, Reunion Island Outbreak. <i>Emerging Infectious Diseases</i> , 2006, 12, 1604-1605.	4.3	76
8	Circulation of Chikungunya virus in Gabon, 2006â€“2007. <i>Journal of Medical Virology</i> , 2008, 80, 430-433.	5.0	76
9	Molecular Characterization of Human Enteroviruses in the Central African Republic: Uncovering Wide Diversity and Identification of a New Human Enterovirus A71 Genogroup. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1650-1658.	3.9	75
10	Recombination in Enteroviruses, a Multi-Step Modular Evolutionary Process. <i>Viruses</i> , 2019, 11, 859.	3.3	61
11	Characterization of Enteroviruses from Non-Human Primates in Cameroon Revealed Virus Types Widespread in Humans along with Candidate New Types and Species. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3052.	3.0	52
12	Toscana Virus and Acute Meningitis, France. <i>Emerging Infectious Diseases</i> , 2005, 11, 778-780.	4.3	51
13	Evidence for in vitro falsely-primed cDNAs that prevent specific detection of virus negative strand RNAs in dengue-infected cells: improvement by tagged RT-PCR. <i>Journal of Virological Methods</i> , 2003, 113, 19-28.	2.1	50
14	Genetic Relationship between Cocirculating Human Enteroviruses Species C. <i>PLoS ONE</i> , 2011, 6, e24823.	2.5	46
15	The Golgi Protein ACBD3, an Interactor for Poliovirus Protein 3A, Modulates Poliovirus Replication. <i>Journal of Virology</i> , 2013, 87, 11031-11046.	3.4	46
16	Expression and biochemical characterization of nsP2 cysteine protease of Chikungunya virus. <i>Virus Research</i> , 2008, 131, 293-298.	2.2	44
17	Dengue Type 3 Virus, Saint Martin, 2003â€“2004. <i>Emerging Infectious Diseases</i> , 2005, 11, 757-761.	4.3	40
18	Functional characterization of the NS2B/NS3 protease complex from seven viruses belonging to different groups inside the genus Flavivirus. <i>Virus Research</i> , 2006, 120, 79-90.	2.2	40

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19	Environmental Poliovirus Surveillance during Oral Poliovirus Vaccine and Inactivated Poliovirus Vaccine Use in Córdoba Province, Argentina. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1395-1401.	3.1	38
20	Common and Diverse Features of Cocirculating Type 2 and 3 Recombinant Vaccine-Derived Polioviruses Isolated From Patients With Poliomyelitis and Healthy Children. <i>Journal of Infectious Diseases</i> , 2012, 205, 1363-1373.	4.0	38
21	Exchanges of genomic domains between poliovirus and other cocirculating species C enteroviruses reveal a high degree of plasticity. <i>Scientific Reports</i> , 2016, 6, 38831.	3.3	38
22	Genetic Characterization of Newly Reintroduced Dengue Virus Type 3 in Martinique (French West) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.9	37
23	O'nyong-nyong Virus, Chad. <i>Emerging Infectious Diseases</i> , 2006, 12, 1248-1250.	4.3	37
24	Characterization of the genome of human enteroviruses: Design of generic primers for amplification and sequencing of different regions of the viral genome. <i>Journal of Virological Methods</i> , 2008, 149, 277-284.	2.1	34
25	Widespread circulation of a new echovirus 30 variant causing aseptic meningitis and non-specific viral illness, South-East France, 2013. <i>Journal of Clinical Virology</i> , 2014, 61, 118-124.	3.1	33
26	Diversity of <i>Phlebotomus perniciosus</i> in Provence, Southeastern France: Detection of Two Putative New Phlebovirus Sequences. <i>Vector-Borne and Zoonotic Diseases</i> , 2013, 13, 630-636.	1.5	29
27	Development of a Taqman RT-PCR assay for the detection and quantification of negatively stranded RNA of human enteroviruses: Evidence for false-priming and improvement by tagged RT-PCR. <i>Journal of Virological Methods</i> , 2008, 153, 182-189.	2.1	28
28	Development of generic Taqman PCR and RT-PCR assays for the detection of DNA and mRNA of β -actin-encoding sequences in a wide range of animal species. <i>Journal of Virological Methods</i> , 2014, 202, 101-105.	2.1	24
29	Whole Genome Sequencing of Enterovirus species C Isolates by High-Throughput Sequencing: Development of Generic Primers. <i>Frontiers in Microbiology</i> , 2016, 7, 1294.	3.5	21
30	Whole Genome Sequencing of Enteroviruses Species A to D by High-Throughput Sequencing: Application for Viral Mixtures. <i>Frontiers in Microbiology</i> , 2018, 9, 2339.	3.5	21
31	Concomitant Human Infections with 2 Cowpox Virus Strains in Related Cases, France, 2011. <i>Emerging Infectious Diseases</i> , 2013, 19, 1996-1999.	4.3	20
32	High Permissiveness for Genetic Exchanges between Enteroviruses of Species A, including Enterovirus 71, Favors Evolution through Intertypic Recombination in Madagascar. <i>Journal of Virology</i> , 2019, 93, .	3.4	20
33	Identification and enzymatic characterization of NS2B-NS3 protease of Alkhurma virus, a class-4 flavivirus. <i>Virus Research</i> , 2005, 107, 57-62.	2.2	19
34	Dengue Seroprevalence in the French West Indies: A Prospective Study in Adult Blood Donors. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 1137-1140.	1.4	18
35	Genetic Characterization of Enterovirus A71 Circulating in Africa. <i>Emerging Infectious Diseases</i> , 2018, 24, 754-757.	4.3	17
36	Mutagenesis analysis of the NS2B determinants of the Alkhurma virus NS2B-NS3 protease activation. <i>Journal of General Virology</i> , 2006, 87, 3279-3283.	2.9	15

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37	Coxsackievirus A24 Variant Associated with Acute Haemorrhagic Conjunctivitis Cases, French Guiana, 2017. <i>Intervirology</i> , 2017, 60, 271-275.	2.8	13
38	Genetic and phenotypic characterization of recently discovered enterovirus D type 111. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007797.	3.0	11
39	Genetic landscape and macro-evolution of co-circulating Coxsackieviruses A and Vaccine-derived Polioviruses in the Democratic Republic of Congo, 2008-2013. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007335.	3.0	10
40	Viral aetiology influenza like illnesses in Santa Cruz, Bolivia (2010â€“2012). <i>Virology Journal</i> , 2014, 11, 35.	3.4	9
41	Metagenomic analysis identifies human adenovirus 31 in children with acute flaccid paralysis in Tunisia. <i>Archives of Virology</i> , 2019, 164, 747-755.	2.1	7
42	Development of a simple and rapid protocol for the production of customized intertypic recombinant polioviruses. <i>Journal of Virological Methods</i> , 2012, 186, 104-108.	2.1	6
43	SYBR Green Real-Time PCR for the Detection of All Enterovirus-A71 Genogroups. <i>PLoS ONE</i> , 2014, 9, e89963.	2.5	5
44	Improvement of the purification of Saint Louis encephalitis virus NS2B-NS3 recombinant protease expressed in <i>Escherichia coli</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 868, 58-63.	2.3	4
45	Enterovirusesâ€”the famous unknowns. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 268-269.	9.1	4
46	Reinforced poliovirus and enterovirus surveillance in Romania, 2015â€“2016. <i>Archives of Virology</i> , 2020, 165, 2627-2632.	2.1	4
47	Vaccine-Derived Polioviruses, Central African Republic, 2019. <i>Emerging Infectious Diseases</i> , 2021, 27, 620-623.	4.3	4
48	Enzymatic characterization of a trypsin-like serine protease encoded by the genome of Cell fusing agent virus. <i>Virus Genes</i> , 2007, 34, 185-191.	1.6	3
49	Nursing home admission of aging HIV patients: Challenges and obstacles for medical and nursing staffs. <i>European Geriatric Medicine</i> , 2017, 8, 66-70.	2.8	2
50	Development of a New Internally Controlled One-Step Real-Time RT-PCR for the Molecular Detection of Enterovirus A71 in Africa and Madagascar. <i>Frontiers in Microbiology</i> , 2020, 11, 1907.	3.5	2
51	Unexpected Altered Specificity Is Responsible for St. Louis Encephalitis Virus Recombinant Protease Autoproteolysis. <i>Protein and Peptide Letters</i> , 2007, 14, 79-82.	0.9	1
52	A Rapid Method for Engineering Recombinant Polioviruses or Other Enteroviruses. <i>Methods in Molecular Biology</i> , 2016, 1387, 251-262.	0.9	1
53	Parapoxviruses, little-known zoonotic pathogens. <i>Virologie</i> , 2016, 20, 218-230.	0.1	1