

Francis Delpeyroux

List of Publications by Year in descending order

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85
papers

3,876
citations

94381

37
h-index

128225

60
g-index

91
all docs

91
docs citations

91
times ranked

2418
citing authors

#	ARTICLE	IF	CITATIONS
1	A cold case: non-replicative recombination in positive-strand RNA viruses. <i>Virologie</i> , 2021, 25, 62-73.	0.1	1
2	Enteroviruses – the famous unknowns. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 268-269.	4.6	4
3	Reinforced poliovirus and enterovirus surveillance in Romania, 2015 – 2016. <i>Archives of Virology</i> , 2020, 165, 2627-2632.	0.9	4
4	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.	1.5	2
5	Genome analysis of coxsackievirus B1 isolates during the consecutive alternating administration course of triple antiviral combination in newborn mice. <i>Antiviral Chemistry and Chemotherapy</i> , 2020, 28, e0007335.	0.3	3
6	Genetic and phenotypic characterization of recently discovered enterovirus D type 111. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007797.	1.3	11
7	Recombination in Enteroviruses, a Multi-Step Modular Evolutionary Process. <i>Viruses</i> , 2019, 11, 859.	1.5	61
8	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.	1.3	10
9	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, .	1.5	20
10	Metagenomic analysis identifies human adenovirus 31 in children with acute flaccid paralysis in Tunisia. <i>Archives of Virology</i> , 2019, 164, 747-755.	0.9	7
11	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.	1.5	21
12	Genetic Characterization of Enterovirus A71 Circulating in Africa. <i>Emerging Infectious Diseases</i> , 2018, 24, 754-757.	2.0	17
13	Suramin interacts with the positively charged region surrounding the 5-fold axis of the EV-A71 capsid and inhibits multiple enterovirus A. <i>Scientific Reports</i> , 2017, 7, 42902.	1.6	28
14	Coxsackievirus A24 Variant Associated with Acute Haemorrhagic Conjunctivitis Cases, French Guiana, 2017. <i>Intervirology</i> , 2017, 60, 271-275.	1.2	13
15	Whole Genome Sequencing of Enterovirus species C Isolates by High-Throughput Sequencing: Development of Generic Primers. <i>Frontiers in Microbiology</i> , 2016, 7, 1294.	1.5	21
16	Enterovirus A71 Genogroups C and E in Children with Acute Flaccid Paralysis, West Africa. <i>Emerging Infectious Diseases</i> , 2016, 22, 753-755.	2.0	20
17	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.	1.6	38
18	Importation and outbreak of wild polioviruses from 2000 to 2014 and interruption of transmission in Cameroon. <i>Journal of Clinical Virology</i> , 2016, 79, 18-24.	1.6	5

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19	A Rapid Method for Engineering Recombinant Polioviruses or Other Enteroviruses. <i>Methods in Molecular Biology</i> , 2016, 1387, 251-262.	0.4	1
20	Molecular epidemiology of human enterovirus 71 at the origin of an epidemic of fatal hand, foot and mouth disease cases in Cambodia. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-9.	3.0	54
21	Inhibition of Polyamine Biosynthesis Is a Broad-Spectrum Strategy against RNA Viruses. <i>Journal of Virology</i> , 2016, 90, 9683-9692.	1.5	71
22	The CREB3-Herp signalling module limits the cytosolic calcium concentration increase and apoptosis induced by poliovirus. <i>Journal of General Virology</i> , 2016, 97, 2194-2200.	1.3	8
23	Evolution and Emergence of Enteroviruses through Intra- and Inter-species Recombination: Plasticity and Phenotypic Impact of Modular Genetic Exchanges in the 5' UTR. <i>PLoS Pathogens</i> , 2015, 11, e1005266.	2.1	57
24	Genetic diversity of human rhinoviruses in Cambodia during a three-year period reveals novel genetic types. <i>Infection, Genetics and Evolution</i> , 2015, 35, 42-49.	1.0	8
25	Emerging Problems Impeding the Elimination of the Last Polioviruses: Silent Circulation of Wild Strains in a Well-Immunized Population. <i>Clinical Infectious Diseases</i> , 2014, 60, 1065-7.	2.9	2
26	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.	1.3	52
27	Nonhomologous Recombination between Defective Poliovirus and Coxsackievirus Genomes Suggests a New Model of Genetic Plasticity for Picornaviruses. <i>MBio</i> , 2014, 5, e01119-14.	1.8	46
28	First Full Genome Sequence of a Human Enterovirus A120, Isolated in Madagascar. <i>Genome Announcements</i> , 2014, 2, .	0.8	7
29	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.	1.1	113
30	Recrutement des kinases PI4KIII aux organelles de rÃ©plication virale au cours de l'infection par le poliovirus et d'autres virus Ã ARN de polaritÃ© positive. <i>Virologie</i> , 2014, 18, 251-263.	0.1	0
31	Circulation silencieuse de souches sauvages de poliovirus dans une population bien vaccinÃ©e. <i>Virologie</i> , 2014, 18, 303-305.	0.1	1
32	Genomic characterization of Sebokele virus 1 (SEBV1) reveals a new candidate species among the genus Parechovirus. <i>Journal of General Virology</i> , 2013, 94, 1547-1553.	1.3	11
33	The Golgi Protein ACBD3, an Interactor for Poliovirus Protein 3A, Modulates Poliovirus Replication. <i>Journal of Virology</i> , 2013, 87, 11031-11046.	1.5	46
34	High Frequency and Diversity of Species C Enteroviruses in Cameroon and Neighboring Countries. <i>Journal of Clinical Microbiology</i> , 2013, 51, 759-770.	1.8	92
35	Reemergence of Recombinant Vaccine-derived Polioviruses in Healthy Children, Madagascar. <i>Emerging Infectious Diseases</i> , 2013, 19, 1008-1010.	2.0	12
36	Redondance fonctionnelle cachÃ©e de deux structures d'ARN viral non similaires rÃ©vÃ©lÃ©es grÃ¢ce Ã la bioinformatique. <i>Virologie</i> , 2013, 17, 383-386.	0.1	0

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37	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.	1.9	38
38	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.	1.8	75
39	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.	1.0	6
40	Antiviral Activity of 3(2H)- and 6-Chloro-3(2H)-Isoflavenes against Highly Diverged, Neurovirulent Vaccine-Derived, Type2 Poliovirus Sewage Isolates. <i>PLoS ONE</i> , 2011, 6, e18360.	1.1	11
41	Genetic Relationship between Cocirculating Human Enteroviruses Species C. <i>PLoS ONE</i> , 2011, 6, e24823.	1.1	46
42	The frequency and biodiversity of poliovirus and non-polio enterovirus strains isolated from healthy children living in a limited area in Romania. <i>Archives of Virology</i> , 2011, 156, 701-706.	0.9	7
43	Recombination between Poliovirus and Coxsackie A Viruses of Species C: A Model of Viral Genetic Plasticity and Emergence. <i>Viruses</i> , 2011, 3, 1460-1484.	1.5	102
44	Recombination between Polioviruses and Co-Circulating Coxsackie A Viruses: Role in the Emergence of Pathogenic Vaccine-Derived Polioviruses. <i>PLoS Pathogens</i> , 2009, 5, e1000412.	2.1	99
45	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.	1.4	38
46	Evidence of Recombination and Genetic Diversity in Human Rhinoviruses in Children with Acute Respiratory Infection. <i>PLoS ONE</i> , 2009, 4, e6355.	1.1	95
47	Molecular epidemiology of wild poliovirus type 1 circulation in West and Central Africa, from 1997 to 1999, using genotyping with a restriction fragment length polymorphism assay. <i>Archives of Virology</i> , 2008, 153, 409-416.	0.9	2
48	Role of class I human leukocyte antigen molecules in early steps of echovirus infection of rhabdomyosarcoma cells. <i>Virology</i> , 2008, 381, 203-214.	1.1	14
49	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.	1.0	34
50	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.	1.0	28
51	Genetic features of polioviruses isolated in Tunisia, 1991–2006. <i>Journal of Clinical Virology</i> , 2008, 41, 81-86.	1.6	7
52	Impact of Exogenous Sequences on the Characteristics of an Epidemic Type 2 Recombinant Vaccine-Derived Poliovirus. <i>Journal of Virology</i> , 2008, 82, 8927-8932.	1.5	29
53	Reemergence of Recombinant Vaccine-Derived Poliovirus Outbreak in Madagascar. <i>Journal of Infectious Diseases</i> , 2008, 197, 1427-1435.	1.9	80
54	Co-Circulation and Evolution of Polioviruses and Species C Enteroviruses in a District of Madagascar. <i>PLoS Pathogens</i> , 2007, 3, e191.	2.1	80

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55	Circulation of a type 1 recombinant vaccine-derived poliovirus strain in a limited area in Romania. <i>Archives of Virology</i> , 2007, 152, 727-738.	0.9	14
56	Neurovirulent Vaccine-Derived Polioviruses in Sewage from Highly Immune Populations. <i>PLoS ONE</i> , 2006, 1, e69.	1.1	66
57	Containment of Polioviruses After Eradication and OPV Cessation: Characterizing Risks to Improve Management. <i>Risk Analysis</i> , 2006, 26, 1449-1469.	1.5	56
58	Use of a Multiple Restriction Fragment Length Polymorphism Method for Detecting Vaccine-Derived Polioviruses in Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2006, 44, 4077-4084.	1.8	13
59	High Frequency of Human Enterovirus Species C Circulation in Madagascar. <i>Journal of Clinical Microbiology</i> , 2005, 43, 242-249.	1.8	42
60	Molecular comparison of echovirus 11 strains circulating in Europe during an epidemic of multisystem hemorrhagic disease of infants indicates that evolution generally occurs by recombination. <i>Virology</i> , 2004, 325, 56-70.	1.1	63
61	Circulating vaccine-derived polioviruses: current state of knowledge. <i>Bulletin of the World Health Organization</i> , 2004, 82, 16-23.	1.5	135
62	Recombinant Vaccine-Derived Poliovirus in Madagascar. <i>Emerging Infectious Diseases</i> , 2003, 9, 885-887.	2.0	118
63	Nucleotide variation in Sabin type 2 poliovirus from an immunodeficient patient with poliomyelitis. <i>Journal of General Virology</i> , 2003, 84, 1215-1221.	1.3	62
64	Natural genetic recombination between co-circulating heterotypic enteroviruses. <i>Journal of General Virology</i> , 2002, 83, 2193-2200.	1.3	91
65	Genomic Features of Intertypic Recombinant Sabin Poliovirus Strains Excreted by Primary Vaccinees. <i>Journal of Virology</i> , 2001, 75, 5740-5751.	1.5	129
66	Molecular strategy for serotyping™ of human enteroviruses. <i>Journal of General Virology</i> , 2001, 82, 79-91.	1.3	192
67	Natural Genetic Exchanges between Vaccine and Wild Poliovirus Strains in Humans. <i>Journal of Virology</i> , 2000, 74, 8434-8443.	1.5	181
68	Molecular and Antigenic Characterization of a Highly Evolved Derivative of the Type 2 Oral Poliovaccine Strain Isolated from Sewage in Israel. <i>Journal of Clinical Microbiology</i> , 2000, 38, 3729-3734.	1.8	96
69	The new medium MDSS2N, free of any animal protein supports cell growth and production of various viruses. <i>Cytotechnology</i> , 1999, 30, 191-201.	0.7	28
70	Lyssavirus glycoproteins expressing immunologically potent foreign B cell and cytotoxic T lymphocyte epitopes as prototypes for multivalent vaccines. <i>Journal of General Virology</i> , 1999, 80, 2343-2351.	1.3	14
71	Poliovirus Induces Apoptosis in the Mouse Central Nervous System. <i>Journal of Virology</i> , 1999, 73, 6066-6072.	1.5	85
72	Molecular Aspects of Poliovirus Biology with a Special Focus on the Interactions with Nerve Cells. <i>Journal of NeuroVirology</i> , 1998, 4, 1-26.	1.0	37

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73	Enhancement of Humoral Immunity to SIVenv Following Simultaneous Inoculation of Mice by Three Recombinant Adenoviruses Encoding SIVenv/Poliovirus Chimeras, Tat and Rev. <i>AIDS Research and Human Retroviruses</i> , 1997, 13, 801-806.	0.5	6
74	Structure of the complex between the Fab fragment of a neutralizing antibody for type 1 poliovirus and its viral epitope. <i>Nature Structural and Molecular Biology</i> , 1995, 2, 232-243.	3.6	83
75	Tripartite genome organization of a natural type 2 vaccine/nonvaccine recombinant poliovirus. <i>Journal of General Virology</i> , 1995, 76, 2343-2348.	1.3	58
76	Thermostabilization of live virus vaccines by heavy water (D2O). <i>Vaccine</i> , 1995, 13, 1058-1063.	1.7	37
77	Point mutations involved in the attenuation/neurovirulence alternation in type 1 and 2 oral polio vaccine strains detected by site-specific polymerase chain reaction. <i>Vaccine</i> , 1994, 12, 503-507.	1.7	44
78	The natural genomic variability of poliovirus analyzed by a restriction fragment length polymorphism assay. <i>Virology</i> , 1991, 184, 645-654.	1.1	173
79	Enhancement of Gene Expression by Somatic Hybridization with Primary Cells: High-Level Synthesis of the Hepatitis B Surface Antigen in Monkey Vero Cells by Fusion with Primary Hepatocytes. <i>Nature Biotechnology</i> , 1990, 8, 858-862.	9.4	5
80	Construction and characterization of hybrid hepatitis B antigen particles carrying a poliovirus immunogen. <i>Biochimie</i> , 1988, 70, 1065-1073.	1.3	6
81	Insertions in the hepatitis B surface antigen. <i>Journal of Molecular Biology</i> , 1987, 195, 343-350.	2.0	37
82	A poliovirus neutralization epitope expressed on hybrid hepatitis B surface antigen particles. <i>Science</i> , 1986, 233, 472-475.	6.0	122
83	Diphtheria toxin promoter function in <i>Corynebacterium diphtheriae</i> and <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 1985, 13, 3147-3159.	6.5	35
84	Nucleotide sequence and expression of the diphtheria tox228 gene in <i>Escherichia coli</i> . <i>Science</i> , 1983, 221, 855-858.	6.0	129
85	Influence of the excision shock on the protein metabolism of <i>Vicia faba</i> L. meristematic root cells. <i>Planta</i> , 1982, 155, 478-485.	1.6	45