Charles P Mcclure

List of Publications by Year
in descending order

61	4,364	304743 22	128289 60
papers	citations	h-index	g-index

67	67	67	9792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing transmissibility of SARS-CoV-2 lineage B.1.1.7 in England. Nature, 2021, 593, 266-269.	27.8	1,001
2	Evaluating the Effects of SARS-CoV-2 Spike Mutation D614G on Transmissibility and Pathogenicity. Cell, 2021, 184, 64-75.e11.	28.9	843
3	Sensitivity of SARS-CoV-2 B.1.1.7 to mRNA vaccine-elicited antibodies. Nature, 2021, 593, 136-141.	27.8	648
4	Changes in symptomatology, reinfection, and transmissibility associated with the SARS-CoV-2 variant B.1.1.7: an ecological study. Lancet Public Health, The, 2021, 6, e335-e345.	10.0	269
5	An integrated national scale SARS-CoV-2 genomic surveillance network. Lancet Microbe, The, 2020, 1, e99-e100.	7.3	232
6	Human Adaptation of Ebola Virus during the West African Outbreak. Cell, 2016, 167, 1079-1087.e5.	28.9	180
7	Characterization of the hepatitis C virus E2 epitope defined by the broadly neutralizing monoclonal antibody AP33. Hepatology, 2006, 43, 592-601.	7.3	150
8	Structural Flexibility of a Conserved Antigenic Region in Hepatitis C Virus Glycoprotein E2 Recognized by Broadly Neutralizing Antibodies. Journal of Virology, 2015, 89, 2170-2181.	3.4	96
9	Development and clinical validation of the Genedrive point-of-care test for qualitative detection of hepatitis C virus. Gut, 2018, 67, 2017-2024.	12.1	64
10	Identification of improved IL28B SNPs and haplotypes for prediction of drug response in treatment of hepatitis C using massively parallel sequencing in a cross-sectional European cohort. Genome Medicine, 2011, 3, 57.	8.2	62
11	A Diverse Panel of Hepatitis C Virus Glycoproteins for Use in Vaccine Research Reveals Extremes of Monoclonal Antibody Neutralization Resistance. Journal of Virology, 2016, 90, 3288-3301.	3.4	62
12	Identification, Mapping, and Phylogenomic Analysis of Four New Human Members of the T-box Gene Family:EOMES, TBX6, TBX18,andTBX19. Genomics, 1999, 55, 10-20.	2.9	57
13	Hepatitis C Patient-Derived Glycoproteins Exhibit Marked Differences in Susceptibility to Serum Neutralizing Antibodies: Genetic Subtype Defines Antigenic but Not Neutralization Serotype. Journal of Virology, 2011, 85, 4246-4257.	3.4	51
14	Intercompartmental Recombination of HIV-1 Contributes toenvIntrahost Diversity and Modulates Viral Tropism and Sensitivity to Entry Inhibitors. Journal of Virology, 2011, 85, 6024-6037.	3.4	50
15	Discovery of Novel Alphacoronaviruses in European Rodents and Shrews. Viruses, 2016, 8, 84.	3.3	45
16	Shared Common Ancestry of Rodent Alphacoronaviruses Sampled Globally. Viruses, 2019, 11, 125.	3.3	35
17	Parvovirus 4 Infection and Clinical Outcome in High-Risk Populations. Journal of Infectious Diseases, 2012, 205, 1816-1820.	4.0	34
18	Perceptions and Experiences of the University of Nottingham Pilot SARS-CoV-2 Asymptomatic Testing Service: A Mixed-Methods Study. International Journal of Environmental Research and Public Health, 2021, 18, 188.	2.6	34

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19	Novel functional hepatitis C virus glycoprotein isolates identified using an optimized viral pseudotype entry assay. Journal of General Virology, 2016, 97, 2265-2279.	2.9	33
20	Human Bocavirus infection and respiratory tract disease identified in a UK patient cohort. Journal of Clinical Virology, 2020, 129, 104453.	3.1	29
21	Recombinant Human L-Ficolin Directly Neutralizes Hepatitis C Virus Entry. Journal of Innate Immunity, 2014, 6, 676-684.	3.8	28
22	Cross-genotype characterization of genetic diversity and molecular adaptation in hepatitis C virus envelope glycoprotein genes. Journal of General Virology, 2007, 88, 458-469.	2.9	25
23	Mannan binding lectin-associated serine protease 1 is induced by hepatitis C virus infection and activates human hepatic stellate cells. Clinical and Experimental Immunology, 2013, 174, 265-273.	2.6	25
24	The Impact of Real-Time Whole-Genome Sequencing in Controlling Healthcare-Associated SARS-CoV-2 Outbreaks. Journal of Infectious Diseases, 2022, 225, 10-18.	4.0	25
25	Liver-expressed Cd302 and Cr1l limit hepatitis C virus cross-species transmission to mice. Science Advances, 2020, 6, .	10.3	23
26	Targeting a host-cell entry factor barricades antiviral-resistant HCV variants from on-therapy breakthrough in human-liver mice. Gut, 2016, 65, 2029-2034.	12.1	21
27	Use of Randomly Amplified Polymorphic Dna Markers as a Tool to Study Variation in Lichen-Forming Fungi. Lichenologist, 1999, 31, 257-267.	0.8	20
28	HIV coreceptor and chemokine ligand gene expression in the male urethra and female cervix. Aids, 2005, 19, 1257-1265.	2.2	19
29	Novel human anti-claudin 1 mAbs inhibit hepatitis C virus infection and may synergize with anti-SRB1 mAb. Journal of General Virology, 2016, 97, 82-94.	2.9	16
30	In silico and in vitro interrogation of a widely used HEV RT-qPCR assay for detection of the species Orthohepevirus A. Journal of Virological Methods, 2015, 214, 25-28.	2.1	13
31	Development of a high-throughput pyrosequencing assay for monitoring temporal evolution and resistance associated variant emergence in the Hepatitis C virus protease coding-region. Antiviral Research, 2014, 110, 52-59.	4.1	12
32	A polymerase chain reaction method for the amplification of full-length envelope genes of HIV-1 from DNA samples containing single molecules of HIV-1 provirus. Journal of Virological Methods, 2000, 88, 73-80.	2.1	11
33	Flexible and rapid construction of viral chimeras applied to hepatitis C virus. Journal of General Virology, 2016, 97, 2187-2193.	2.9	11
34	Retrospective screening of routine respiratory samples revealed undetected community transmission and missed intervention opportunities for SARS-CoV-2 in the United Kingdom. Journal of General Virology, 2021, 102, .	2.9	10
35	Elevated serum activity of MBL and ficolin-2 as biomarkers for progression to hepatocellular carcinoma in chronic HCV infection. Virology, 2019, 530, 99-106.	2.4	9
36	Nanopore sequencing from extraction-free direct PCR of dried serum spots for portable hepatitis B virus drug-resistance typing. Journal of Clinical Virology, 2020, 129, 104483.	3.1	9

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37	Discovery and Prevalence of Divergent RNA Viruses in European Field Voles and Rabbits. Viruses, 2020, 12, 47.	3.3	9
38	Broad neutralization of hepatitis C virusâ€resistant variants by Civacir hepatitis C immunoglobulin. Hepatology, 2016, 64, 1495-1506.	7.3	8
39	Immunization with a synthetic consensus hepatitis C virus E2 glycoprotein ectodomain elicits virus-neutralizing antibodies. Antiviral Research, 2018, 160, 25-37.	4.1	8
40	Real-World Outcomes of Direct-Acting Antiviral Treatment and Retreatment in United Kingdomâ€“Based Patients Infected With Hepatitis C Virus Genotypes/Subtypes Endemic in Africa. Journal of Infectious Diseases, 2022, 226, 995-1004.	4.0	8
41	Trichodysplasia Spinulosa Polyomavirus in Respiratory Tract of Immunocompromised Child. Emerging Infectious Diseases, 2018, 24, 1744-1746.	4.3	6
42	Association of antibodies to hepatitis C virus glycoproteins 1 and 2 (anti-E1E2) with HCV disease. Journal of Viral Hepatitis, 2008, 15, 339-345.	2.0	5
43	HIV-1 co-receptor expression and epithelial immune cells of the cervix in asymptomatic women attending a genitourinary medicine clinic. HIV Medicine, 2013, 14, 108-114.	2.2	5
44	Tracking HCV protease population diversity during transmission and susceptibility of founder populations to antiviral therapy. Antiviral Research, 2017, 139, 129-137.	4.1	5
45	Goldâ€“Oligonucleotide Nanoconstructs Engineered to Detect Conserved Enteroviral Nucleic Acid Sequences. Biosensors, 2021, 11, 238.	4.7	5
46	Challenges on the development of a pseudotyping assay for Zika glycoproteins. Journal of Medical Microbiology, 2021, 70, .	1.8	5
47	Retrieval of the Complete Coding Sequence of the UK-Endemic Tatenale Orthohantavirus Reveals Extensive Strain Variation and Supports Its Classification as a Novel Species. Viruses, 2020, 12, 454.	3.3	4
48	Comparative effects of viral-transport-medium heat inactivation upon downstream SARS-CoV-2 detection in patient samples. Journal of Medical Microbiology, 2021, 70, .	1.8	4
49	Expression of human ficolin-2 in hepatocytes confers resistance to infection by diverse hepatotropic viruses. Journal of Medical Microbiology, 2019, 68, 642-648.	1.8	4
50	Hepatitis C virus quasispecies and pseudotype analysis from acute infection to chronicity in HIV-1 co-infected individuals. Virology, 2016, 492, 213-224.	2.4	3
51	Identification of Infectious Agents in High-Throughput Sequencing Data Sets Is Easily Achievable Using Free, Cloud-Based Bioinformatics Platforms. Journal of Clinical Microbiology, 2019, 57, .	3.9	3
52	Simultaneous determination of HCV genotype and NS5B resistance associated substitutions using dried serum spots from SÃ£o Paulo state, Brazil. Access Microbiology, 2022, 4, .	0.5	3
53	Human parainfluenza 2 & 4: Clinical and genetic epidemiology in the UK, 2013â€“2017, reveals distinct disease features and coâ€circulating genomic subtypes. Influenza and Other Respiratory Viruses, 2022, 16, 1122-1132.	3.4	3
54	Analysis of Serine Codon Conservation Reveals Diverse Phenotypic Constraints on Hepatitis C Virus Glycoprotein Evolution. Journal of Virology, 2014, 88, 667-678.	3.4	2

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55	Enterovirus subtyping in a routine UK laboratory setting between 2013 and 2017. Journal of Clinical Virology, 2020, 132, 104646.	3.1	2
56	Use of short tandem repeat fingerprinting to validate sample origins in hepatitis C virus molecular epidemiology studies. Journal of General Virology, 2014, 95, 66-70.	2.9	2
57	Sero-reactivity to three distinct regions within the hepatitis C virus alternative reading frame protein (ARFP/core+1) in patients with chronic HCV genotype-3 infection. Journal of General Virology, 2022, 103, .	2.9	2
58	Enterovirus D68 epidemic, UK, 2018, was caused by subclades B3 and D1, predominantly in children and adults, respectively, with both subclades exhibiting extensive genetic diversity. Microbial Genomics, 2022, 8, .	2.0	2
59	The UK Leicester COVID-19 â€˜exceedanceâ€™ Mayâ€“July 2020: An analysis of hospitalised cases. Journal of Infection, 2021, 83, e5-e7.	3.3	1
60	InFusion Cloning for the Generation of Biologically Relevant HCV Chimeric Molecular Clones. Methods in Molecular Biology, 2019, 1911, 93-104.	0.9	1
61	Discovery of novel highly divergent RNA viruses in European rodents and rabbits. Access Microbiology, 2019, 1, .	0.5	0