

# Josep Quer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138  
papers

4,709  
citations

33  
h-index

65  
g-index

147  
ext. papers

5,314  
ext. citations

6.1  
avg, IF

5.02  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 138 | Hepatitis C virus (HCV) circulates as a population of different but closely related genomes: quasispecies nature of HCV genome distribution. <i>Journal of Virology</i> , <b>1992</b> , 66, 3225-9                              | 6.6  | 707       |
| 137 | Basic concepts in RNA virus evolution. <i>FASEB Journal</i> , <b>1996</b> , 10, 859-64  | 0.9  | 352       |
| 136 | The changing epidemiology of hepatitis C virus infection in Europe. <i>Journal of Hepatology</i> , <b>2008</b> , 48, 148-64   | 6.4  | 350       |
| 135 | Transmission of hepatitis C virus by a cardiac surgeon. <i>New England Journal of Medicine</i> , <b>1996</b> , 334, 555-60  | 6.2  | 279       |
| 134 | High-throughput real-time reverse transcription-PCR quantitation of hepatitis C virus RNA. <i>Journal of Clinical Microbiology</i> , <b>1999</b> , 37, 327-32   | 9.7  | 204       |
| 133 | The dynamic DNA methylomes of double-stranded DNA viruses associated with human cancer. <i>Genome Research</i> , <b>2009</b> , 19, 438-51   | 9.7  | 201       |
| 132 | Quantitative longitudinal evaluations of hepatitis delta virus RNA and hepatitis B virus DNA shows a dynamic, complex replicative profile in chronic hepatitis B and D. <i>Journal of Hepatology</i> , <b>2010</b> , 52, 658-64 | 12.4 | 118       |
| 131 | Extreme fitness differences in mammalian and insect hosts after continuous replication of vesicular stomatitis virus in sandfly cells. <i>Journal of Virology</i> , <b>1995</b> , 69, 6805-9                                    | 6.6  | 89        |
| 130 | Lexical access in Catalan Signed Language (LSC) production. <i>Cognition</i> , <b>2008</b> , 108, 856-65  | 3.5  | 77        |
| 129 | Exponential fitness gains of RNA virus populations are limited by bottleneck effects. <i>Journal of Virology</i> , <b>1999</b> , 73, 1668-71  | 6.6  | 76        |
| 128 | Dynamic behavior of hepatitis C virus quasispecies in patients undergoing orthotopic liver transplantation. <i>Journal of Virology</i> , <b>1994</b> , 68, 3425-36  | 6.6  | 73        |
| 127 | Phylogenetic demonstration of hepatitis E infection transmitted by pork meat ingestion. <i>Journal of Clinical Gastroenterology</i> , <b>2015</b> , 49, 165-8   | 3    | 68        |
| 126 | Naturally occurring NS3-protease-inhibitor resistant mutant A156T in the liver of an untreated chronic hepatitis C patient. <i>Virology</i> , <b>2008</b> , 370, 237-45   | 3.6  | 66        |
| 125 | High-resolution hepatitis C virus subtyping using NS5B deep sequencing and phylogeny, an alternative to current methods. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 219-26                                     | 9.7  | 64        |
| 124 | Response of hepatitis C virus to long-term passage in the presence of alpha interferon: multiple mutations and a common phenotype. <i>Journal of Virology</i> , <b>2013</b> , 87, 7593-607                                      | 6.6  | 64        |
| 123 | Viral quasispecies and the problem of vaccine-escape and drug-resistant mutants. <i>Progress in Drug Research Fortschritte Der Arzneimittelforschung Progres Des Recherches Pharmaceutiques</i> , <b>1997</b> , 48, 99-128      |      | 61        |
| 122 | Hepatitis C viral quasispecies. <i>Journal of Viral Hepatitis</i> , <b>1999</b> , 6, 3-16   | 3.4  | 60        |

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|-----|--|------|----|
| 121 | Reproducible nonlinear population dynamics and critical points during replicative competitions of RNA virus quasispecies. <i>Journal of Molecular Biology</i> , <b>1996</b> , 264, 465-71                        | 6.5  | 59 |
| 120 | Viral quasispecies complexity measures. <i>Virology</i> , <b>2016</b> , 493, 227-37  | 3.6  | 59 |
| 119 | Increased replicative fitness can lead to decreased drug sensitivity of hepatitis C virus. <i>Journal of Virology</i> , <b>2014</b> , 88, 12098-111  | 6.6  | 57 |
| 118 | Extinction of hepatitis C virus by ribavirin in hepatoma cells involves lethal mutagenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e71039  | 3.7  | 52 |
| 117 | Red queen dynamics, competition and critical points in a model of RNA virus quasispecies. <i>Journal of Theoretical Biology</i> , <b>1999</b> , 198, 47-59   | 2.3  | 52 |
| 116 | Ultra-deep pyrosequencing (UDPS) data treatment to study amplicon HCV minor variants. <i>PLoS ONE</i> , <b>2013</b> , 8, e83361  | 3.7  | 49 |
| 115 | Ultra-deep pyrosequencing detects conserved genomic sites and quantifies linkage of drug-resistant amino acid changes in the hepatitis B virus genome. <i>PLoS ONE</i> , <b>2012</b> , 7, e37874                 | 3.7  | 48 |
| 114 | T cell responses and viral variability in blood donation candidates with occult hepatitis B infection. <i>Journal of Hepatology</i> , <b>2012</b> , 56, 765-74   | 13.4 | 47 |
| 113 | Inference with viral quasispecies diversity indices: clonal and NGS approaches. <i>Bioinformatics</i> , <b>2014</b> , 30, 1104-1111  | 7.2  | 46 |
| 112 | Lethal Mutagenesis of Hepatitis C Virus Induced by Favipiravir. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164691   | 3.7  | 46 |
| 111 | A comparative study of ultra-deep pyrosequencing and cloning to quantitatively analyze the viral quasispecies using hepatitis B virus infection as a model. <i>Antiviral Research</i> , <b>2013</b> , 98, 273-83 | 10.8 | 45 |
| 110 | Interpreting mood. <i>Probus</i> , <b>2001</b> , 13,   | 0.6  | 45 |
| 109 | Peginterferon alpha-2b plus ribavirin vs interferon alpha-2b plus ribavirin for chronic hepatitis C in HIV-coinfected patients. <i>Journal of Viral Hepatitis</i> , <b>2007</b> , 14, 228-38                     | 3.4  | 43 |
| 108 | Ultra-deep pyrosequencing analysis of the hepatitis B virus preCore region and main catalytic motif of the viral polymerase in the same viral genome. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 8457-71  | 20.1 | 40 |
| 107 | Contingent neutrality in competing viral populations. <i>Journal of Virology</i> , <b>2001</b> , 75, 7315-20   | 6.6  | 39 |
| 106 | Naturally occurring SARS-CoV-2 gene deletions close to the spike S1/S2 cleavage site in the viral quasispecies of COVID19 patients. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1900-1911         | 18.9 | 36 |
| 105 | Resistance of Hepatitis C Virus to Inhibitors: Complexity and Clinical Implications. <i>Viruses</i> , <b>2015</b> , 7, 5746-66   |      | 33 |
| 104 | Cirrhosis, liver transplantation and HIV infection are risk factors associated with hepatitis E virus infection. <i>PLoS ONE</i> , <b>2014</b> , 9, e103028  | 3.7  | 33 |

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| 103 | Internal Disequilibria and Phenotypic Diversification during Replication of Hepatitis C Virus in a Noncoevolving Cellular Environment. <i>Journal of Virology</i> , <b>2017</b> , 91,                            | 6.6  | 32 |
| 102 | Red blood cell transfusion-transmitted acute hepatitis E in an immunocompetent subject in Europe: a case report. <i>Transfusion</i> , <b>2017</b> , 57, 244-247  | 2.9  | 30 |
| 101 | Effect of bottlenecking on evolution of the nonstructural protein 3 gene of hepatitis C virus during sexually transmitted acute resolving infection. <i>Journal of Virology</i> , <b>2005</b> , 79, 15131-41     | 6.6  | 29 |
| 100 | Barrier-Independent, Fitness-Associated Differences in Sofosbuvir Efficacy against Hepatitis C Virus. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 3786-93                                   | 5.9  | 29 |
| 99  | The $\alpha$ isoform of the complement regulator C4b-binding protein induces a semimature, anti-inflammatory state in dendritic cells. <i>Journal of Immunology</i> , <b>2013</b> , 190, 2857-72                 | 5.3  | 26 |
| 98  | Hepatitis C virus infection in renal transplant recipients: epidemiology, clinical impact, serological confirmation and viral replication. <i>Journal of Hepatology</i> , <b>1995</b> , 22, 272-7                | 13.4 | 26 |
| 97  | Clinical application of estimating hepatitis B virus quasispecies complexity by massive sequencing: correlation between natural evolution and on-treatment evolution. <i>PLoS ONE</i> , <b>2014</b> , 9, e112306 | 3.7  | 24 |
| 96  | Exhaustive and non-exhaustive variation with free choice and referential vagueness: Evidence from Greek, Catalan, and Spanish. <i>Lingua</i> , <b>2013</b> , 126, 120-149  | 0.7  | 22 |
| 95  | Etiology of acute sporadic hepatitis in Spain: the role of hepatitis C and E viruses. <i>Journal of Hepatology</i> , <b>1994</b> , 20, 589-92  | 13.4 | 21 |
| 94  | Hepatitis C virus (HCV)-specific T-cell responses among recombinant immunoblot assay-3-indeterminate blood donors: a confirmatory evidence of HCV exposure. <i>Transfusion</i> , <b>2009</b> , 49, 1296-305      | 2.9  | 20 |
| 93  | Deep-sequencing reveals broad subtype-specific HCV resistance mutations associated with treatment failure. <i>Antiviral Research</i> , <b>2020</b> , 174, 104694   | 10.8 | 20 |
| 92  | Baseline hepatitis C virus resistance-associated substitutions present at frequencies lower than 15% may be clinically significant. <i>Infection and Drug Resistance</i> , <b>2018</b> , 11, 2207-2210           | 4.2  | 20 |
| 91  | Hepatitis C virus deep sequencing for sub-genotype identification in mixed infections: A real-life experience. <i>International Journal of Infectious Diseases</i> , <b>2018</b> , 67, 114-117                   | 10.5 | 19 |
| 90  | The increasing impact of lethal mutagenesis of viruses. <i>Future Medicinal Chemistry</i> , <b>2019</b> , 11, 1645-1657  | 4.1  | 19 |
| 89  | Pipeline for specific subtype amplification and drug resistance detection in hepatitis C virus. <i>BMC Infectious Diseases</i> , <b>2018</b> , 18, 446   | 4    | 19 |
| 88  | Resistance of high fitness hepatitis C virus to lethal mutagenesis. <i>Virology</i> , <b>2018</b> , 523, 100-109   | 3.6  | 18 |
| 87  | Hepatitis delta genotypes in chronic delta infection in the northeast of Spain (Catalonia). <i>Journal of Hepatology</i> , <b>1998</b> , 28, 971-7   | 13.4 | 18 |
| 86  | Sexual transmission of hepatitis C virus from a patient with chronic disease to his sex partner after removal of an intrauterine device. <i>Sexually Transmitted Diseases</i> , <b>2003</b> , 30, 470-1          | 2.4  | 17 |

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|----|---|------|----|
| 85 | SignGram Blueprint <b>2017</b> ,  |      | 17 |
| 84 | Evidence for positive selection of hepatitis A virus antigenic variants in vaccinated men-having-sex-with men patients: Implications for immunization policies. <i>EBioMedicine</i> , <b>2019</b> , 39, 348-357   | 8.8  | 16 |
| 83 | Assessment of a Novel Automatic Real-Time PCR Assay on the Cobas 4800 Analyzer as a Screening Platform for Hepatitis C Virus Genotyping in Clinical Practice: Comparison with Massive Sequencing. <i>Journal of Clinical Microbiology</i> , <b>2017</b> , 55, 504-509 | 9.7  | 15 |
| 82 | Valency in classifier predicates: A syntactic analysis. <i>Lingua</i> , <b>2007</b> , 117, 1202-1215  | 0.7  | 15 |
| 81 | Molecular epidemiology and putative origin of hepatitis C virus in random volunteers from Argentina. <i>World Journal of Gastroenterology</i> , <b>2013</b> , 19, 5813-27   | 5.6  | 15 |
| 80 | Deep sequencing in the management of hepatitis virus infections. <i>Virus Research</i> , <b>2017</b> , 239, 115-125   | 6.4  | 14 |
| 79 | Hepatitis C virus markers in patients with acute post-transfusion hepatitis treated with interferon alfa-2b. <i>Gut</i> , <b>1993</b> , 34, S62-3   | 19.2 | 14 |
| 78 | Efficacy of screening donors for antibodies to the hepatitis C virus to prevent transfusion-associated hepatitis: final report of a prospective trial. <i>Hepatology</i> , <b>1995</b> , 22, 439-45   | 11.2 | 14 |
| 77 | Evidence of an Exponential Decay Pattern of the Hepatitis Delta Virus Evolution Rate and Fluctuations in Quasispecies Complexity in Long-Term Studies of Chronic Delta Infection. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158557  | 3.7  | 14 |
| 76 | Quasispecies dynamics in main core epitopes of hepatitis B virus by ultra-deep-pyrosequencing. <i>World Journal of Gastroenterology</i> , <b>2012</b> , 18, 6096-105  | 5.6  | 14 |
| 75 | Phylogenetic analysis of an epidemic outbreak of acute hepatitis C in HIV-infected patients by ultra-deep pyrosequencing. <i>Journal of Clinical Virology</i> , <b>2017</b> , 92, 42-47   | 14.5 | 13 |
| 74 | Nosocomial transmission of hepatitis C virus during contrast-enhanced computed tomography scanning. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2008</b> , 20, 73-8   | 2.2  | 13 |
| 73 | Broad and Dynamic Diversification of Infectious Hepatitis C Virus in a Cell Culture Environment. <i>Journal of Virology</i> , <b>2020</b> , 94,   | 6.6  | 12 |
| 72 | A new implication of quasispecies dynamics: Broad virus diversification in absence of external perturbations. <i>Infection, Genetics and Evolution</i> , <b>2020</b> , 82, 104278   | 4.5  | 12 |
| 71 | Unexpected long-lasting anti-HEV IgM positivity: Is HEV antigen a better serological marker for hepatitis E infection diagnosis?. <i>Journal of Viral Hepatitis</i> , <b>2020</b> , 27, 747-753   | 3.4  | 11 |
| 70 | Induction of potent and long-lasting CD4 and CD8 T-cell responses against hepatitis C virus by immunization with viral antigens plus poly(I:C) and anti-CD40. <i>Antiviral Research</i> , <b>2007</b> , 74, 25-35   | 10.8 | 11 |
| 69 | Transmission of low-density hepatitis C viral particles during sexually transmitted acute resolving infection. <i>Journal of Medical Virology</i> , <b>2008</b> , 80, 242-6   | 19.7 | 11 |
| 68 | HBV core region variability: effect of antiviral treatments on main epitopic regions. <i>Antiviral Therapy</i> , <b>2011</b> , 16, 37-49  | 1.6  | 11 |

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|----|--|-----|----|
| 67 | High HCV subtype heterogeneity in a chronically infected general population revealed by high-resolution hepatitis C virus subtyping. <i>Clinical Microbiology and Infection</i> , <b>2017</b> , 23, 775.e1-775.e6        | 9.5 | 10 |
| 66 | IL28B genetic variation and hepatitis C virus-specific CD4(+) T-cell responses in anti-HCV-positive blood donors. <i>Journal of Viral Hepatitis</i> , <b>2012</b> , 19, 867-71   | 3.4 | 10 |
| 65 | Detection of hyper-conserved regions in hepatitis B virus X gene potentially useful for gene therapy. <i>World Journal of Gastroenterology</i> , <b>2018</b> , 24, 2095-2107   | 5.6 | 10 |
| 64 | Dissimilar Conservation Pattern in Hepatitis C Virus Mutant Spectra, Consensus Sequences, and Data Banks. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,   | 5.1 | 9  |
| 63 | Reversal of nonstructural protein 3-specific CD4(+) T cell dysfunction in patients with persistent hepatitis C virus infection. <i>Journal of Viral Hepatitis</i> , <b>2012</b> , 19, 283-94                             | 3.4 | 9  |
| 62 | Identification of host and viral factors involved in a dissimilar resolution of a hepatitis C virus infection. <i>Liver International</i> , <b>2014</b> , 34, 896-906  | 7.9 | 9  |
| 61 | Subtype mutations in the envelope 2 region including phosphorylation homology domain of hepatitis C virus do not predict effectiveness of antiviral therapy. <i>Journal of Viral Hepatitis</i> , <b>2004</b> , 11, 45-54 | 3.4 | 9  |
| 60 | Amino Acid Substitutions Associated with Treatment Failure for Hepatitis C Virus Infection. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,  | 9.7 | 9  |
| 59 | Handling Sign Language Data: The Impact of Modality. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 483  | 3.4 | 8  |
| 58 | HIV-1 Protease Evolvability Is Affected by Synonymous Nucleotide Recoding. <i>Journal of Virology</i> , <b>2018</b> , 92,  | 6.6 | 8  |
| 57 | Complex Genotype Mixtures Analyzed by Deep Sequencing in Two Different Regions of Hepatitis B Virus. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144816  | 3.7 | 8  |
| 56 | Analysis of hepatitis B virus preS1 variability and prevalence of the rs2296651 polymorphism in a Spanish population. <i>World Journal of Gastroenterology</i> , <b>2018</b> , 24, 680-692                               | 5.6 | 8  |
| 55 | Quasispecies dynamics in hepatitis C liver transplant recipients receiving grafts from hepatitis C virus infected donors. <i>Journal of General Virology</i> , <b>2015</b> , 96, 3493-3498                               | 4.9 | 8  |
| 54 | Thrombotic thrombocytopenic purpura relapse induced by acute hepatitis E transmitted by cryosupernatant plasma and successfully controlled with ribavirin. <i>Transfusion</i> , <b>2018</b> , 58, 2501-2505              | 2.9 | 8  |
| 53 | The Critical Role of Codon Composition on the Translation Efficiency Robustness of the Hepatitis A Virus Capsid. <i>Genome Biology and Evolution</i> , <b>2019</b> , 11, 2439-2456                                       | 3.9 | 7  |
| 52 | Improving virus production through quasispecies genomic selection and molecular breeding. <i>Scientific Reports</i> , <b>2016</b> , 6, 35962   | 4.9 | 7  |
| 51 | Hepatitis C virus early kinetics and resistance-associated substitution dynamics during antiviral therapy with direct-acting antivirals. <i>Journal of Viral Hepatitis</i> , <b>2018</b> , 25, 1515-1525                 | 3.4 | 7  |
| 50 | The Impact of Rapid Evolution of Hepatitis Viruses <b>2008</b> , 303-349   |     | 7  |

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|----|---|------|---|
| 49 | Synergistic lethal mutagenesis of hepatitis C virus. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> ,   | 5.9  | 7 |
| 48 | Monitoring Emergence of the SARS-CoV-2 B.1.1.7 Variant through the Spanish National SARS-CoV-2 Wastewater Surveillance System (VATar COVID-19). <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 11756-11766     | 10.3 | 7 |
| 47 | Evolution of acute hepatitis C virus infection in a large European city: Trends and new patterns. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187893  | 3.7  | 6 |
| 46 | New hepatitis C virus genotype 1 subtype naturally harbouring resistance-associated mutations to NS5A inhibitors. <i>Journal of General Virology</i> , <b>2018</b> , 99, 97-102   | 4.9  | 6 |
| 45 | Significant Improvement in Diagnosis of Hepatitis C Virus Infection by a One-Step Strategy in a Central Laboratory: an Optimal Tool for Hepatitis C Elimination?. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 58,     | 9.7  | 6 |
| 44 | Deep-sequencing study of HCV G4a resistance-associated substitutions in Egyptian patients failing DAA treatment. <i>Infection and Drug Resistance</i> , <b>2019</b> , 12, 2799-2807   | 4.2  | 5 |
| 43 | Characterization of intra- and inter-host norovirus P2 genetic variability in linked individuals by amplicon sequencing. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201850   | 3.7  | 5 |
| 42 | Effects of ribavirin monotherapy on the viral population in patients with chronic hepatitis C genotype 1: direct sequencing and pyrosequencing of the HCV regions. <i>Journal of Medical Virology</i> , <b>2014</b> , 86, 1886-97 | 19.7 | 5 |
| 41 | Dynamics of SARS-CoV-2 Alpha (B.1.1.7) variant spread: The wastewater surveillance approach.. <i>Environmental Research</i> , <b>2022</b> , 208, 112720   | 7.9  | 5 |
| 40 | New real-time-PCR method to identify single point mutations in hepatitis C virus. <i>World Journal of Gastroenterology</i> , <b>2016</b> , 22, 9604-9612  | 5.6  | 5 |
| 39 | Reliable resolution of ambiguous hepatitis C virus genotype 1 results with the Abbott HCV Genotype Plus RUO assay. <i>Scientific Reports</i> , <b>2019</b> , 9, 3678  | 4.9  | 4 |
| 38 | Improved attachment of natural HCV isolate to Daudi cells upon elimination of immune complexes and close pH control. <i>Intervirology</i> , <b>2005</b> , 48, 285-91  | 2.5  | 4 |
| 37 | Conservation and variability of hepatitis B core at different chronic hepatitis stages. <i>World Journal of Gastroenterology</i> , <b>2020</b> , 26, 2584-2598  | 5.6  | 4 |
| 36 | Subjunctive mood in Griko: A micro-comparative approach. <i>Lingua</i> , <b>2016</b> , 174, 65-85   | 0.7  | 4 |
| 35 | Host-dependent editing of SARS-CoV-2 in COVID-19 patients. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 1777-1789  | 18.9 | 4 |
| 34 | Rare haplotype load as marker for lethal mutagenesis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204877  | 3.7  | 4 |
| 33 | New strategies for the treatment of hepatitis C virus infection and implications of resistance to new direct-acting antiviral agents. <i>Infection and Drug Resistance</i> , <b>2010</b> , 3, 133-45                              | 4.2  | 3 |
| 32 | Analysis of INF-gamma, TNF-alpha and dendritic cells to predict hepatitis C virus recurrence in liver transplant patients. <i>Transplantation Proceedings</i> , <b>2005</b> , 37, 3951-6  | 1.1  | 3 |

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|----|---|------|---|
| 31 | A year living with SARS-CoV-2: an epidemiological overview of viral lineage circulation by whole-genome sequencing in Barcelona city (Catalonia, Spain). <i>Emerging Microbes and Infections</i> , <b>2021</b> , 1-30                         | 18.9 | 3 |
| 30 | Characterization of hepatitis B virus X gene quasispecies complexity in mono-infection and hepatitis delta virus superinfection. <i>World Journal of Gastroenterology</i> , <b>2019</b> , 25, 1566-1579                                       | 5.6  | 3 |
| 29 | Population Disequilibrium as Promoter of Adaptive Explorations in Hepatitis C Virus. <i>Viruses</i> , <b>2021</b> , 13,   | 6.2  | 3 |
| 28 | Next-generation sequencing for the diagnosis of hepatitis B: current status and future prospects. <i>Expert Review of Molecular Diagnostics</i> , <b>2021</b> , 21, 381-396   | 3.8  | 3 |
| 27 | Monitoring emergence of SARS-CoV-2 B.1.1.7 Variant through the Spanish National SARS-CoV-2 Wastewater Surveillance System (VATar COVID-19) from December 2020 to March 2021   |      | 3 |
| 26 | Viral Load Measurements in Individuals with Hepatitis C Virus Infection: on the European Association for the Study of the Liver Recommendations on Treatment of Hepatitis C 2018. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 58, | 9.7  | 3 |
| 25 | Exploring the diversity of coronavirus in sewage during COVID-19 pandemic: Don't miss the forest for the trees. <i>Science of the Total Environment</i> , <b>2021</b> , 800, 149562   | 10.2 | 3 |
| 24 | Next-Generation Sequencing for Confronting Virus Pandemics.. <i>Viruses</i> , <b>2022</b> , 14,   | 6.2  | 3 |
| 23 | Whole-genome characterization and resistance-associated substitutions in a new HCV genotype 1 subtype. <i>Infection and Drug Resistance</i> , <b>2019</b> , 12, 947-955   | 4.2  | 2 |
| 22 | Epidemiology and Prevention <b>2013</b> , 246-265   |      | 2 |
| 21 | Abacavir coadministration does not interfere with the suppressive activity of ribavirin in an HCV replicon system. <i>Antiviral Therapy</i> , <b>2011</b> , 16, 887-93  | 1.6  | 2 |
| 20 | Dissimilar conservation pattern in hepatitis C virus mutant spectra, consensus sequences, and data banks  |      | 2 |
| 19 | Determining argument structure in sign languages. <i>Language Faculty and Beyond</i> , <b>2014</b> , 45-60  | 0.2  | 2 |
| 18 | Resistance-associated substitutions after sofosbuvir/velpatasvir/voxilaprevir triple therapy failure. <i>Journal of Viral Hepatitis</i> , <b>2021</b> , 28, 1319-1324   | 3.4  | 2 |
| 17 | Viral populations of SARS-CoV-2 in upper respiratory tract, placenta, amniotic fluid and umbilical cord blood support viral replication in placenta. <i>Clinical Microbiology and Infection</i> , <b>2021</b> , 27, 1542-1544                 | 9.5  | 2 |
| 16 | Identification of hepatitis C virus genotype 3 by a commercial assay challenged by natural polymorphisms detected in Spain from patients with diverse origins. <i>Journal of Clinical Virology</i> , <b>2016</b> , 78, 14-9                   | 14.5 | 2 |
| 15 | Subjunctives <b>2017</b> , 1-32   |      | 1 |
| 14 | Effect of Hepatitis E Virus RNA Universal Blood Donor Screening, Catalonia, Spain, 2017-2020.. <i>Emerging Infectious Diseases</i> , <b>2022</b> , 28, 157-165  | 10.2 | 1 |



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|----|---|------|---|
| 13 | Amino acid substitutions associated with treatment failure of hepatitis C virus infection   |      | 1 |
| 12 | HIV-1 Protease Evolvability is Affected by Synonymous Nucleotide Recoding   |      | 1 |
| 11 | Sophisticated viral quasispecies with a genotype-related pattern of mutations in the hepatitis B X gene of HBeAg-ve chronically infected patients. <i>Scientific Reports</i> , <b>2021</b> , 11, 4215                       | 4.9  | 1 |
| 10 | Utility of the Cobas Plasma Separation Card as a Sample Collection Device for Serological and Virological Diagnosis of Hepatitis C Virus Infection. <i>Diagnostics</i> , <b>2021</b> , 11,                                  | 3.8  | 1 |
| 9  | Hepatitis B Virus Variants with Multiple Insertions and/or Deletions in the X Open Reading Frame 3' End: Common Members of Viral Quasispecies in Chronic Hepatitis B Patients. <i>Biomedicines</i> , <b>2022</b> , 10, 1194 | 4.8  | 1 |
| 8  | Cross-sectional evaluation of circulating hepatitis B virus RNA and DNA: Different quasispecies?. <i>World Journal of Gastroenterology</i> , <b>2021</b> , 27, 7144-7158  | 5.6  | 0 |
| 7  | Hepatitis C virus intrinsic molecular determinants may contribute to the development of cholestatic hepatitis after liver transplantation. <i>Journal of General Virology</i> , <b>2019</b> , 100, 63-68                    | 4.9  | 0 |
| 6  | Partial restoration of immune response in Hepatitis C patients after viral clearance by direct-acting antiviral therapy. <i>PLoS ONE</i> , <b>2021</b> , 16, e0254243   | 3.7  | 0 |
| 5  | On the Reliability of the Notion of Native Signer and Its Risks.. <i>Frontiers in Psychology</i> , <b>2022</b> , 13, 716554   | 3.4  | 0 |
| 4  | P14: HepatiC, the viral hepatitis C patients management application and database. <i>Journal of Viral Hepatitis</i> , <b>2013</b> , 20, 23-24   | 3.4  |   |
| 3  | Prevalence of hepatitis C in Romania: Different from European rates? Reply. <i>Journal of Hepatology</i> , <b>2008</b> , 49, 663  | 13.4 |   |
| 2  | The Subjunctive 1-28  |      |   |
| 1  | The noun-verb distinction in Catalan Sign Language. <i>Sign Language and Linguistics (Online)</i> , <b>2019</b> , 22, 1-43  | 0.2  |   |