

Jordi Gomez

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,505
citations

471509

17
h-index

345221

36
g-index

40
all docs

40
docs citations

40
times ranked

1445
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Point Mutation and Deletion Spectra and Their Association with Different Disease Outcomes. <i>Microbiology Spectrum</i> , 2022, 10, e0022122.	3.0	10
2	SARS-CoV-2 Mutant Spectra at Different Depth Levels Reveal an Overwhelming Abundance of Low Frequency Mutations. <i>Pathogens</i> , 2022, 11, 662.	2.8	16
3	Population Disequilibrium as Promoter of Adaptive Explorations in Hepatitis C Virus. <i>Viruses</i> , 2021, 13, 616.	3.3	7
4	Amino Acid Substitutions Associated with Treatment Failure for Hepatitis C Virus Infection. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	15
5	Dissimilar Conservation Pattern in Hepatitis C Virus Mutant Spectra, Consensus Sequences, and Data Banks. <i>Journal of Clinical Medicine</i> , 2020, 9, 3450.	2.4	12
6	Broad and Dynamic Diversification of Infectious Hepatitis C Virus in a Cell Culture Environment. <i>Journal of Virology</i> , 2020, 94, .	3.4	20
7	A new implication of quasispecies dynamics: Broad virus diversification in absence of external perturbations. <i>Infection, Genetics and Evolution</i> , 2020, 82, 104278.	2.3	20
8	The archaeology of coding RNA. <i>Annals of the New York Academy of Sciences</i> , 2019, 1447, 119-134.	3.8	10
9	Synergistic Lethal Mutagenesis of Hepatitis C Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	10
10	Resistance of high fitness hepatitis C virus to lethal mutagenesis. <i>Virology</i> , 2018, 523, 100-109.	2.4	30
11	Internal Disequilibria and Phenotypic Diversification during Replication of Hepatitis C Virus in a Noncoevolving Cellular Environment. <i>Journal of Virology</i> , 2017, 91, .	3.4	42
12	Viral tRNA Mimicry from a Biocommunicative Perspective. <i>Frontiers in Microbiology</i> , 2017, 8, 2395.	3.5	15
13	Geneticin Stabilizes the Open Conformation of the 5' Region of Hepatitis C Virus RNA and Inhibits Viral Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 925-935.	3.2	6
14	Health-related quality of life and nursing-sensitive outcomes in mechanically ventilated patients in an Intensive Care Unit: a study protocol. <i>BMC Nursing</i> , 2016, 15, 8.	2.5	4
15	Virus is a Signal for the Host Cell. <i>Biosemiotics</i> , 2015, 8, 483-491.	1.4	7
16	A magnesium-induced RNA conformational switch at the internal ribosome entry site of hepatitis C virus genome visualized by atomic force microscopy. <i>Nucleic Acids Research</i> , 2015, 43, 565-580.	14.5	23
17	Messenger RNAs bearing tRNA-like features exemplified by interferon alfa 5 mRNA. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3747-3768.	5.4	9
18	High-Resolution Hepatitis C Virus Subtyping Using NS5B Deep Sequencing and Phylogeny, an Alternative to Current Methods. <i>Journal of Clinical Microbiology</i> , 2015, 53, 219-226.	3.9	74

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19	RNA self-cleavage activated by ultraviolet light-induced oxidation. <i>Nucleic Acids Research</i> , 2012, 40, 1748-1766.	14.5	29
20	An engineered inhibitor RNA that efficiently interferes with hepatitis C virus translation and replication. <i>Antiviral Research</i> , 2012, 94, 131-138.	4.1	27
21	Unfinished Stories on Viral Quasispecies and Darwinian Views of Evolution. <i>Journal of Molecular Biology</i> , 2010, 397, 865-877.	4.2	82
22	Diagnosis, management and treatment of chronic Chagasâ€™ gastrointestinal disease in areas where <i>Trypanosoma cruzi</i> infection is not endemic. <i>Gastroenterology & Hepatology</i> , 2010, 33, 191-200.	0.5	71
23	In vitro characterization of a miR-122-sensitive double-helical switch element in the 5â€™ region of hepatitis C virus RNA. <i>Nucleic Acids Research</i> , 2009, 37, 5498-5510.	14.5	60
24	Characterization of a cyanobacterial RNase P ribozyme recognition motif in the IRES of foot-and-mouth disease virus reveals a unique structural element. <i>Rna</i> , 2007, 13, 849-859.	3.5	34
25	Quasispecies and its impact on viral hepatitis. <i>Virus Research</i> , 2007, 127, 131-150.	2.2	109
26	RNase III cleavage demonstrates a long range RNA: RNA duplex element flanking the hepatitis C virus internal ribosome entry site. <i>Nucleic Acids Research</i> , 2005, 33, 5250-5261.	14.5	24
27	Characterizing the function and structural organization of the 5' tRNA-like motif within the hepatitis C virus quasispecies. <i>Nucleic Acids Research</i> , 2005, 33, 1487-1502.	14.5	30
28	Structural analysis of hepatitis C RNA genome using DNA microarrays. <i>Nucleic Acids Research</i> , 2004, 32, e90-e90.	14.5	16
29	Catalytic RNase P RNA from <i>Synechocystis</i> sp. cleaves the hepatitis C virus RNA near the AUG start codon. <i>FEBS Letters</i> , 2004, 577, 517-522.	2.8	15
30	The 7472insC mtDNA mutation impairs 5â€™ and 3â€™ processing of tRNA ^{Ser} (UCN). <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 803-813.	2.1	23
31	Three Properties of the Hepatitis C Virus RNA Genome Related to Antiviral Strategies Based on RNA-Therapeutics: Variability, Structural Conformation and tRNA Mimicry. <i>Current Pharmaceutical Design</i> , 2004, 10, 3741-3756.	1.9	17
32	Characterization of the structure and variability of an internal region of hepatitis C virus RNA for M1 RNA guide sequence ribozyme targeting. <i>Journal of General Virology</i> , 2003, 84, 1545-1548.	2.9	16
33	Specific Cleavage of Hepatitis C Virus RNA Genome by Human RNase P. <i>Journal of Biological Chemistry</i> , 2002, 277, 30606-30613.	3.4	40
34	Suppression of chemokine receptor expression by RNA interference allows for inhibition of HIV-1 replication. <i>Aids</i> , 2002, 16, 2385-2390.	2.2	197
35	Large accumulation of mRNA and DNA point modifications in a plant senescent tissue. <i>FEBS Letters</i> , 2000, 472, 14-16.	2.8	16
36	The Impact of Rapid Evolution of the Hepatitis Viruses. , 1999, , 345-376.		6

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37	Transmission of Hepatitis C Virus by a Cardiac Surgeon. New England Journal of Medicine, 1996, 334, 555-561.	27.0	360