Luca F R Gebert

List of Publications by Year
in descending order

39 papers	3,562 citations	331670 21 h-index	302126 39 g-index
44 all docs	44 docs citations	44 times ranked	5882 citing authors

#	Article	IF	Citations
1	Poly(rC)-Binding Protein 1 Limits Hepatitis C Virus Virion Assembly and Secretion. Viruses, 2022, 14, 291.	3.3	5
2	A highly sensitive strand-specific multiplex RT-qPCR assay for quantitation of Zika virus replication. Journal of Virological Methods, 2022, 307, 114556.	2.1	2
3	Molecular Determinants of Flavivirus Virion Assembly. Trends in Biochemical Sciences, 2021, 46, 378-390.	7.5	42
4	Tools and Techniques for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)/COVID-19 Detection. Clinical Microbiology Reviews, 2021, 34, .	13.6	205
5	Effectiveness of germicidal ultraviolet light to inactivate coronaviruses on personal protective equipment to reduce nosocomial transmission. Infection Control and Hospital Epidemiology, 2021, , 1-6.	1.8	4
6	Sandfly Fever Sicilian Virus-Leishmania major co-infection modulates innate inflammatory response favoring myeloid cell infections and skin hyperinflammation. PLoS Neglected Tropical Diseases, 2021, 15, e0009638.	3.0	11
7	miR-122â€“based therapies select for three distinct resistance mechanisms based on alterations in RNA structure. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	13
8	MiR-CLIP reveals iso-miR selective regulation in the miR-124 targetome. Nucleic Acids Research, 2021, 49, 25-37.	14.5	10
9	A structured RNA motif locks Argonaute2:miR-122 onto the 5â€™ end of the HCV genome. Nature Communications, 2021, 12, 6836.	12.8	11
10	A Moonlighting microRNA: Mechanism(s) of miR-122-Mediated Viral RNA Accumulation. Proceedings (mdpi), 2020, 50, .	0.2	0
11	MicroRNA-9 Fine-Tunes Dendritic Cell Function by Suppressing Negative Regulators in a Cell-Type-Specific Manner. Cell Reports, 2020, 31, 107585.	6.4	8
12	The 8th Canadian Symposium on Hepatitis C virus: â€œImproving diagnosis and linkage to careâ€• Canadian Liver Journal, 2020, 3, 3-14.	0.9	1
13	Regulation of microRNA function inÂanimals. Nature Reviews Molecular Cell Biology, 2019, 20, 21-37.	37.0	1,556
14	Beyond the seed: structural basis for supplementary micro <scp>RNA</scp> targeting by human Argonaute2. EMBO Journal, 2019, 38, e101153.	7.8	105
15	miR-122 and Ago interactions with the HCV genome alter the structure of the viral 5â€² terminus. Nucleic Acids Research, 2019, 47, 5307-5324.	14.5	50
16	Virus discovery reveals frequent infection by diverse novel members of the Flaviviridae in wild lemurs. Archives of Virology, 2019, 164, 509-522.	2.1	11
17	Beyond sites 1 and 2, miR-122 target sites in the HCV genome have negligible contributions to HCV RNA accumulation in cell culture. Journal of General Virology, 2019, 100, 217-226.	2.9	9
18	miR-122 does not impact recognition of the HCV genome by innate sensors of RNA but rather protects the 5â€² end from the cellular pyrophosphatases, DOM3Z and DUSP11. Nucleic Acids Research, 2018, 46, 5139-5158.	14.5	53

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19	Contemporary Zika Virus Isolates Induce More dsRNA and Produce More Negative-Strand Intermediate in Human Astrocytoma Cells. Viruses, 2018, 10, 728.	3.3	16
20	COMRADES determines in vivo RNA structures and interactions. Nature Methods, 2018, 15, 785-788.	19.0	143
21	Higher Cytopathic Effects of a Zika Virus Brazilian Isolate from Bahia Compared to a Canadian-Imported Thai Strain. Viruses, 2018, 10, 53.	3.3	29
22	The Diverse Roles of microRNAs at the Hostâ€“Virus Interface. Viruses, 2018, 10, 440.	3.3	87
23	A survey of medication preparation and administration practices among members of the Canadian Anesthesiologistsâ€™ Society. Canadian Journal of Anaesthesia, 2018, 65, 1100-1109.	1.6	4
24	Zika virus infection: induction, restriction and evasion of host interferon responses. Future Virology, 2017, 12, 627-630.	1.8	0
25	Analysis of the T Cell Response to Zika Virus and Identification of a Novel CD8+ T Cell Epitope in Immunocompetent Mice. PLoS Pathogens, 2017, 13, e1006184.	4.7	126
26	Unraveling the Mysterious Interactions Between Hepatitis C Virus RNA and Liver-Specific MicroRNA-122. Annual Review of Virology, 2016, 3, 309-332.	6.7	50
27	Zika Virus: Emergence, Phylogenetics, Challenges, and Opportunities. ACS Infectious Diseases, 2016, 2, 763-772.	3.8	25
28	The miR-17 â^¼ 92 microRNA Cluster Is a Global Regulator of Tumor Metabolism. Cell Reports, 2016, 16, 1915-1928.	6.4	58
29	A Complex Network of Interactions between S282 and G283 of Hepatitis C Virus Nonstructural Protein 5B and the Template Strand Affects Susceptibility to Sofosbuvir and Ribavirin. Antimicrobial Agents and Chemotherapy, 2016, 60, 2018-2027.	3.2	11
30	Dissecting noncoding and pathogen RNAâ€“protein interactomes. Rna, 2015, 21, 135-143.	3.5	71
31	cis-Acting RNA elements in the hepatitis C virus RNA genome. Virus Research, 2015, 206, 90-98.	2.2	35
32	Miravirsen (SPC3649) can inhibit the biogenesis of miR-122. Nucleic Acids Research, 2014, 42, 609-621.	14.5	283
33	Hepatitis C virus and human miR-122: insights from the bench to the clinic. Current Opinion in Virology, 2014, 7, 11-18.	5.4	29
34	Synthetic pre-microRNAs reveal dual-strand activity of miR-34a on TNF-Î±. Rna, 2014, 20, 61-75.	3.5	46
35	Chemical Synthesis of Monoâ€•and Bisâ€Łabeled Preâ€MicroRNAs. Angewandte Chemie - International Edition, 2013, 52, 12028-12032.	13.8	27
36	Chemical Synthesis of Monoâ€•and Bisâ€Łabeled Preâ€MicroRNAs. Angewandte Chemie, 2013, 125, 12250-12254	2.0	6

#	Article	IF	Citations
37	RNAi, Antiviral After All. Science, 2013, 342, 207-208.	12.6	18
38	Structural basis of pre-let-7 miRNA recognition by the zinc knuckles of pluripotency factor Lin28. Nature Structural and Molecular Biology, 2012, 19, 84-89.	8.2	111
39	Masking the 5â€² terminal nucleotides of the hepatitis C virus genome by an unconventional microRNA-target RNA complex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3193-3198.	7.1	268