

# Luca F R Gebert

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Regulation of microRNA function in Animals. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 21-37.	37.0	1,556
2	Miravirsen (SPC3649) can inhibit the biogenesis of miR-122. <i>Nucleic Acids Research</i> , 2014, 42, 609-621.	14.5	283
3	Masking the 5' terminal nucleotides of the hepatitis C virus genome by an unconventional microRNA-target RNA complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3193-3198.	7.1	268
4	Tools and Techniques for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)/COVID-19 Detection. <i>Clinical Microbiology Reviews</i> , 2021, 34, .	13.6	205
5	COMRADES determines in vivo RNA structures and interactions. <i>Nature Methods</i> , 2018, 15, 785-788.	19.0	143
6	Analysis of the T Cell Response to Zika Virus and Identification of a Novel CD8+ T Cell Epitope in Immunocompetent Mice. <i>PLoS Pathogens</i> , 2017, 13, e1006184.	4.7	126
7	Structural basis of pre-let-7 miRNA recognition by the zinc knuckles of pluripotency factor Lin28. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 84-89.	8.2	111
8	Beyond the seed: structural basis for supplementary micro RNA targeting by human Argonaute2. <i>EMBO Journal</i> , 2019, 38, e101153.	7.8	105
9	The Diverse Roles of microRNAs at the Host-Virus Interface. <i>Viruses</i> , 2018, 10, 440.	3.3	87
10	Dissecting noncoding and pathogen RNA-protein interactomes. <i>Rna</i> , 2015, 21, 135-143.	3.5	71
11	The miR-17 ~¼ 92 microRNA Cluster Is a Global Regulator of Tumor Metabolism. <i>Cell Reports</i> , 2016, 16, 1915-1928.	6.4	58
12	miR-122 does not impact recognition of the HCV genome by innate sensors of RNA but rather protects the 5' end from the cellular pyrophosphatases, DOM3Z and DUSP11. <i>Nucleic Acids Research</i> , 2018, 46, 5139-5158.	14.5	53
13	Unraveling the Mysterious Interactions Between Hepatitis C Virus RNA and Liver-Specific MicroRNA-122. <i>Annual Review of Virology</i> , 2016, 3, 309-332.	6.7	50
14	miR-122 and Ago interactions with the HCV genome alter the structure of the viral 5' terminus. <i>Nucleic Acids Research</i> , 2019, 47, 5307-5324.	14.5	50
15	Synthetic pre-microRNAs reveal dual-strand activity of miR-34a on TNF-±. <i>Rna</i> , 2014, 20, 61-75.	3.5	46
16	Molecular Determinants of Flavivirus Virion Assembly. <i>Trends in Biochemical Sciences</i> , 2021, 46, 378-390.	7.5	42
17	cis-Acting RNA elements in the hepatitis C virus RNA genome. <i>Virus Research</i> , 2015, 206, 90-98.	2.2	35
18	Hepatitis C virus and human miR-122: insights from the bench to the clinic. <i>Current Opinion in Virology</i> , 2014, 7, 11-18.	5.4	29

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19	Higher Cytopathic Effects of a Zika Virus Brazilian Isolate from Bahia Compared to a Canadian-Imported Thai Strain. <i>Viruses</i> , 2018, 10, 53.	3.3	29
20	Chemical Synthesis of Mono- and Bis-Labeled Pre-microRNAs. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12028-12032.	13.8	27
21	Zika Virus: Emergence, Phylogenetics, Challenges, and Opportunities. <i>ACS Infectious Diseases</i> , 2016, 2, 763-772.	3.8	25
22	RNAi, Antiviral After All. <i>Science</i> , 2013, 342, 207-208.	12.6	18
23	Contemporary Zika Virus Isolates Induce More dsRNA and Produce More Negative-Strand Intermediate in Human Astrocytoma Cells. <i>Viruses</i> , 2018, 10, 728.	3.3	16
24	miR-122-based therapies select for three distinct resistance mechanisms based on alterations in RNA structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13
25	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. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2018-2027.	3.2	11
26	Virus discovery reveals frequent infection by diverse novel members of the Flaviviridae in wild lemurs. <i>Archives of Virology</i> , 2019, 164, 509-522.	2.1	11
27	Sandfly Fever Sicilian Virus-Leishmania major co-infection modulates innate inflammatory response favoring myeloid cell infections and skin hyperinflammation. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009638.	3.0	11
28	A structured RNA motif locks Argonaute2:miR-122 onto the 5' end of the HCV genome. <i>Nature Communications</i> , 2021, 12, 6836.	12.8	11
29	MiR-CLIP reveals iso-miR selective regulation in the miR-124 targetome. <i>Nucleic Acids Research</i> , 2021, 49, 25-37.	14.5	10
30	Beyond sites 1 and 2, miR-122 target sites in the HCV genome have negligible contributions to HCV RNA accumulation in cell culture. <i>Journal of General Virology</i> , 2019, 100, 217-226.	2.9	9
31	MicroRNA-9 Fine-Tunes Dendritic Cell Function by Suppressing Negative Regulators in a Cell-Type-Specific Manner. <i>Cell Reports</i> , 2020, 31, 107585.	6.4	8
32	Chemical Synthesis of Mono- and Bis-Labeled Pre-microRNAs. <i>Angewandte Chemie</i> , 2013, 125, 12250-12254.	2.0	6
33	Poly(rC)-Binding Protein 1 Limits Hepatitis C Virus Virion Assembly and Secretion. <i>Viruses</i> , 2022, 14, 291.	3.3	5
34	A survey of medication preparation and administration practices among members of the Canadian Anesthesiologists' Society. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 1100-1109.	1.6	4
35	Effectiveness of germicidal ultraviolet light to inactivate coronaviruses on personal protective equipment to reduce nosocomial transmission. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-6.	1.8	4
36	A highly sensitive strand-specific multiplex RT-qPCR assay for quantitation of Zika virus replication. <i>Journal of Virological Methods</i> , 2022, 307, 114556.	2.1	2

#	ARTICLE	IF	CITATIONS
37	The 8th Canadian Symposium on Hepatitis C virus: “Improving diagnosis and linkage to care”, Canadian Liver Journal, 2020, 3, 3-14.	0.9	1
38	Zika virus infection: induction, restriction and evasion of host interferon responses. Future Virology, 2017, 12, 627-630.	1.8	0
39	A Moonlighting microRNA: Mechanism(s) of miR-122-Mediated Viral RNA Accumulation. Proceedings (mdpi), 2020, 50, .	0.2	0