

# Rolf Renne

## List of Publications by Year in descending order

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82  
papers

7,285  
citations

81839

39  
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66879

78  
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95  
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95  
docs citations

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times ranked

4492  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kaposi's Sarcoma-Associated Herpesvirus MicroRNA Mutants Modulate Cancer Hallmark Phenotypic Differences in Human Endothelial Cells. <i>Journal of Virology</i> , 2021, 95, .	1.5	5
2	Cross-Linking Ligation and Sequencing of Hybrids (qCLASH) Reveals an Unpredicted miRNA Targetome in Melanoma Cells. <i>Cancers</i> , 2021, 13, 1096.	1.7	14
3	A noncanonical microRNA derived from the snaR-A noncoding RNA targets a metastasis inhibitor. <i>Rna</i> , 2021, 27, 694-709.	1.6	14
4	EBV miRNAs are potent effectors of tumor cell transcriptome remodeling in promoting immune escape. <i>PLoS Pathogens</i> , 2021, 17, e1009217.	2.1	19
5	Modified Cross-Linking, Ligation, and Sequencing of Hybrids (qCLASH) to Identify MicroRNA Targets. <i>Current Protocols</i> , 2021, 1, e257.	1.3	3
6	Sequencing of Argonaute-bound microRNA/mRNA hybrids reveals regulation of the unfolded protein response by microRNA-320a. <i>PLoS Genetics</i> , 2021, 17, e1009934.	1.5	9
7	Human Cytomegalovirus Latency and Myelosuppression: A microRNA-Dependent Yin and Yang Regulatory Loop. <i>Cell Host and Microbe</i> , 2020, 27, 8-10.	5.1	1
8	Age-Related Changes in miRNA Expression Influence GSTZ1 and Other Drug Metabolizing Enzymes. <i>Drug Metabolism and Disposition</i> , 2020, 48, 563-569.	1.7	3
9	Identification of murine gammaherpesvirus 68 miRNA-mRNA hybrids reveals miRNA target conservation among gammaherpesviruses including host translation and protein modification machinery. <i>PLoS Pathogens</i> , 2019, 15, e1007843.	2.1	25
10	Downregulation of the human peripheral myelin protein 22 gene by miR-29a in cellular models of Charcot-Marie-Tooth disease. <i>Gene Therapy</i> , 2019, 26, 455-464.	2.3	15
11	Gammaherpesvirus RNAs Come Full Circle. <i>MBio</i> , 2019, 10, .	1.8	23
12	PDGFRA defines the mesenchymal stem cell Kaposi's sarcoma progenitors by enabling KSHV oncogenesis in an angiogenic environment. <i>PLoS Pathogens</i> , 2019, 15, e1008221.	2.1	23
13	Comparative Analysis of Gammaherpesvirus Circular RNA Repertoires: Conserved and Unique Viral Circular RNAs. <i>Journal of Virology</i> , 2019, 93, .	1.5	58
14	Visualization of molecular biology: The LANA tether. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4816-4818.	3.3	0
15	Modified Cross-Linking, Ligation, and Sequencing of Hybrids (qCLASH) Identifies Kaposi's Sarcoma-Associated Herpesvirus MicroRNA Targets in Endothelial Cells. <i>Journal of Virology</i> , 2018, 92, .	1.5	38
16	Contemporary Ribonomics Methods for Viral microRNA Target Analysis. <i>Non-coding RNA</i> , 2018, 4, 31.	1.3	4
17	Connivance, Complicity, or Collusion? The Role of Noncoding RNAs in Promoting Gammaherpesvirus Tumorigenesis. <i>Trends in Cancer</i> , 2018, 4, 729-740.	3.8	8
18	Computational analysis of ribonomics datasets identifies long non-coding RNA targets of $\beta$ -herpesviral miRNAs. <i>Nucleic Acids Research</i> , 2018, 46, 8574-8589.	6.5	25

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19	The Epstein Barr virus circRNAome. PLoS Pathogens, 2018, 14, e1007206.	2.1	112
20	microRNA dependent and independent deregulation of long non-coding RNAs by an oncogenic herpesvirus. PLoS Pathogens, 2017, 13, e1006508.	2.1	28
21	Epigenetic Regulation of Gammaherpesviruses: A Focus on Kaposi's Sarcoma-Associated Herpesvirus (KSHV/HHV-8). Epigenetics and Human Health, 2017, , 15-46.	0.2	2
22	A Toolbox for Herpesvirus miRNA Research: Construction of a Complete Set of KSHV miRNA Deletion Mutants. Viruses, 2016, 8, 54.	1.5	32
23	The SH3BGR/STAT3 Pathway Regulates Cell Migration and Angiogenesis Induced by a Gammaherpesvirus MicroRNA. PLoS Pathogens, 2016, 12, e1005605.	2.1	43
24	A Gammaherpesvirus Noncoding RNA Is Essential for Hematogenous Dissemination and Establishment of Peripheral Latency. MSphere, 2016, 1, .	1.3	33
25	Human Mesenchymal Stem Cells of Diverse Origins Support Persistent Infection with Kaposi's Sarcoma-Associated Herpesvirus and Manifest Distinct Angiogenic, Invasive, and Transforming Phenotypes. MBio, 2016, 7, e02109-15.	1.8	38
26	Role of heme oxygenase-1 in the pathogenesis and tumorigenicity of Kaposi's sarcoma-associated herpesvirus. Oncotarget, 2016, 7, 10459-10471.	0.8	13
27	A KSHV microRNA enhances viral latency and induces angiogenesis by targeting GRK2 to activate the CXCR2/AKT pathway. Oncotarget, 2016, 7, 32286-32305.	0.8	38
28	Kaposi's Sarcoma-Associated Herpesvirus (KSHV) Induces the Oncogenic miR-17-92 Cluster and Down-Regulates TGF- $\beta$ 2 Signaling. PLoS Pathogens, 2015, 11, e1005255.	2.1	40
29	Suppression of Transforming Growth Factor $\beta$ 2 Receptor 2 and Smad5 Is Associated with High Levels of MicroRNA miR-155 in the Oral Mucosa during Chronic Simian Immunodeficiency Virus Infection. Journal of Virology, 2015, 89, 2972-2978.	1.5	16
30	Identification of the Physiological Gene Targets of the Essential Lytic Replicative Kaposi's Sarcoma-Associated Herpesvirus ORF57 Protein. Journal of Virology, 2015, 89, 1688-1702.	1.5	29
31	High-Throughput RNA Sequencing-Based Virome Analysis of 50 Lymphoma Cell Lines from the Cancer Cell Line Encyclopedia Project. Journal of Virology, 2015, 89, 713-729.	1.5	61
32	A KSHV microRNA Directly Targets G Protein-Coupled Receptor Kinase 2 to Promote the Migration and Invasion of Endothelial Cells by Inducing CXCR2 and Activating AKT Signaling. PLoS Pathogens, 2015, 11, e1005171.	2.1	68
33	Virus-Encoded MicroRNAs Facilitate Gammaherpesvirus Latency and Pathogenesis <i>In Vivo</i> . MBio, 2014, 5, e00981-14.	1.8	68
34	Genomic and proteomic analysis of transcription factor TFII-I reveals insight into the response to cellular stress. Nucleic Acids Research, 2014, 42, 7625-7641.	6.5	17
35	KSHV miRNAs Decrease Expression of Lytic Genes in Latently Infected PEL and Endothelial Cells by Targeting Host Transcription Factors. Viruses, 2014, 6, 4005-4023.	1.5	40
36	LANA Binds to Multiple Active Viral and Cellular Promoters and Associates with the H3K4Methyltransferase hSET1 Complex. PLoS Pathogens, 2014, 10, e1004240.	2.1	68

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37	LEVERAGING BIOLOGICAL REPLICATES TO IMPROVE ANALYSIS IN CHIP-SEQ EXPERIMENTS. Computational and Structural Biotechnology Journal, 2014, 9, e201401002.	1.9	57
38	A systems biology approach identified different regulatory networks targeted by KSHV miR-K12-11 in B cells and endothelial cells. BMC Genomics, 2014, 15, 668.	1.2	12
39	HITS-CLIP and PAR-CLIP Advance Viral MiRNA Targetome Analysis. Critical Reviews in Eukaryotic Gene Expression, 2014, 24, 101-116.	0.4	23
40	A unifying gene signature for adenoid cystic cancer identifies parallel MYB-dependent and MYB-independent therapeutic targets. Oncotarget, 2014, 5, 12528-12542.	0.8	43
41	̢-Herpesvirus-encoded miRNAs and their roles in viral biology and pathogenesis. Current Opinion in Virology, 2013, 3, 266-275.	2.6	71
42	Kaposi's Sarcoma-Associated Herpesvirus MicroRNA Single-Nucleotide Polymorphisms Identified in Clinical Samples Can Affect MicroRNA Processing, Level of Expression, and Silencing Activity. Journal of Virology, 2013, 87, 12237-12248.	1.5	22
43	Persistent human herpesvirus-6 infection in patients with an inherited form of the virus. Journal of Medical Virology, 2013, 85, 1940-1946.	2.5	35
44	Epigenetic diversity of Kaposi's sarcoma-associated herpesvirus. Nucleic Acids Research, 2013, 41, 2993-3009.	6.5	29
45	Ago HITS-CLIP Expands Understanding of Kaposi's Sarcoma-associated Herpesvirus miRNA Function in Primary Effusion Lymphomas. PLoS Pathogens, 2012, 8, e1002884.	2.1	167
46	Biological Characterization and Next-Generation Genome Sequencing of the Unclassified Cotia Virus SPAn232 (Poxviridae). Journal of Virology, 2012, 86, 5039-5054.	1.5	30
47	A core laboratory for the generation of quality-controlled g-herpesvirus bacmids: generation of KSHV microRNA mutants. Infectious Agents and Cancer, 2012, 7, .	1.2	4
48	Small RNAs and Their Role in Herpesvirus-Mediated Cancers. , 2012, , 793-817.		0
49	A Kaposi's Sarcoma-Associated Herpesvirus-Encoded Ortholog of MicroRNA miR-155 Induces Human Splenic B-Cell Expansion in NOD/LtSz-scid IL2R <sup>3</sup> null Mice. Journal of Virology, 2011, 85, 9877-9886.	1.5	108
50	Viral miRNAs. Methods in Molecular Biology, 2011, 721, 43-66.	0.4	63
51	Epigenetic Regulation of Kaposi's Sarcoma-Associated Herpesvirus Latency by Virus-Encoded MicroRNAs That Target Rta and the Cellular Rbl2-DNMT Pathway. Journal of Virology, 2010, 84, 2697-2706.	1.5	204
52	KSHV-encoded miRNAs target MAF to induce endothelial cell reprogramming. Genes and Development, 2010, 24, 195-205.	2.7	148
53	Upregulation of xCT by KSHV-Encoded microRNAs Facilitates KSHV Dissemination and Persistence in an Environment of Oxidative Stress. PLoS Pathogens, 2010, 6, e1000742.	2.1	98
54	Viral miRNAs: tools for immune evasion. Current Opinion in Microbiology, 2010, 13, 540-545.	2.3	65

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55	Involvement of SSRP1 in Latent Replication of Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2009, 83, 11051-11063.	1.5	26
56	Peripheral myelin protein 22 is regulated posttranscriptionally by miRNA-29a. <i>Glia</i> , 2009, 57, 1265-1279.	2.5	90
57	Role of virus-encoded microRNAs in herpesvirus biology. <i>Trends in Microbiology</i> , 2009, 17, 544-553.	3.5	105
58	Organization and Expression of the Kaposi's Sarcoma-Associated Herpesvirus Genome. , 2009, , 469-493.		0
59	Identification of Cellular Targets for Virally-Encoded miRNAs by Ectopic Expression and Gene Expression Profiling. , 2008, , 205-224.		0
60	KSHV LANA inhibits TGF- $\beta$ 2 signaling through epigenetic silencing of the TGF- $\beta$ 2 type II receptor. <i>Blood</i> , 2008, 111, 4731-4740.	0.6	115
61	Identification of Cellular Genes Targeted by KSHV-Encoded MicroRNAs. <i>PLoS Pathogens</i> , 2007, 3, e65.	2.1	277
62	Conservation of Virally Encoded MicroRNAs in Kaposi Sarcoma-Associated Herpesvirus in Primary Effusion Lymphoma Cell Lines and in Patients with Kaposi Sarcoma or Multicentric Castlemans Disease. <i>Journal of Infectious Diseases</i> , 2007, 195, 645-659.	1.9	95
63	Analysis of Viral cis Elements Conferring Kaposi's Sarcoma-Associated Herpesvirus Episome Partitioning and Maintenance. <i>Journal of Virology</i> , 2007, 81, 9825-9837.	1.5	28
64	Kaposi's Sarcoma-Associated Herpesvirus Encodes an Ortholog of miR-155. <i>Journal of Virology</i> , 2007, 81, 12836-12845.	1.5	421
65	Virus-encoded microRNAs: a new chapter in virus-host cell interactions. <i>Future Virology</i> , 2006, 1, 233-242.	0.9	10
66	Long-Term-Infected Telomerase-Immortalized Endothelial Cells: a Model for Kaposi's Sarcoma-Associated Herpesvirus Latency In Vitro and In Vivo. <i>Journal of Virology</i> , 2006, 80, 4833-4846.	1.5	117
67	Characterization of the Minimal Replicator of Kaposi's Sarcoma-Associated Herpesvirus Latent Origin. <i>Journal of Virology</i> , 2005, 79, 2637-2642.	1.5	71
68	Cloning and Identification of a MicroRNA Cluster within the Latency-Associated Region of Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2005, 79, 9301-9305.	1.5	374
69	The Latency-associated Nuclear Antigen of Kaposi's Sarcoma-associated Herpesvirus Modulates Cellular Gene Expression and Protects Lymphoid Cells from p16 INK4A-induced Cell Cycle Arrest. <i>Journal of Biological Chemistry</i> , 2005, 280, 3862-3874.	1.6	116
70	Regulation and Autoregulation of the Promoter for the Latency-associated Nuclear Antigen of Kaposi's Sarcoma-associated Herpesvirus. <i>Journal of Biological Chemistry</i> , 2004, 279, 16822-16831.	1.6	60
71	Latency-associated Nuclear Antigen (LANA) Cooperatively Binds to Two Sites within the Terminal Repeat, and Both Sites Contribute to the Ability of LANA to Suppress Transcription and to Facilitate DNA Replication. <i>Journal of Biological Chemistry</i> , 2002, 277, 27401-27411.	1.6	164
72	The Latency-Associated Nuclear Antigen of Kaposi's Sarcoma-Associated Herpesvirus Supports Latent DNA Replication in Dividing Cells. <i>Journal of Virology</i> , 2002, 76, 11677-11687.	1.5	212

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73	Therapeutic Challenges of AIDS-Related Non-Hodgkin's Lymphoma in the United States and East Africa. <i>Journal of the National Cancer Institute</i> , 2002, 94, 718-732.	3.0	17
74	Modulation of Cellular and Viral Gene Expression by the Latency-Associated Nuclear Antigen of Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2001, 75, 458-468.	1.5	189
75	DNA Binding and Modulation of Gene Expression by the Latency-Associated Nuclear Antigen of Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 2001, 75, 7882-7892.	1.5	175
76	Inflammatory Cytokines and the Reactivation of Kaposi's Sarcoma-Associated Herpesvirus Lytic Replication. <i>Virology</i> , 2000, 266, 17-25.	1.1	178
77	Human herpesvirus 8 glycoprotein K8.1: expression, post-translational modification and localization analyzed by monoclonal antibody. <i>Journal of Clinical Virology</i> , 2000, 17, 127-136.	1.6	17
78	A Complex Translational Program Generates Multiple Novel Proteins from the Latently Expressed Kaposin (K12) Locus of Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 1999, 73, 5722-5730.	1.5	186
79	Reactivation of Kaposi's Sarcoma-Associated Herpesvirus Infection from Latency by Expression of the ORF 50 Transactivator, a Homolog of the EBV R Protein. <i>Virology</i> , 1998, 252, 304-312.	1.1	401
80	A Cluster of Latently Expressed Genes in Kaposi's Sarcoma-Associated Herpesvirus. <i>Journal of Virology</i> , 1998, 72, 8309-8315.	1.5	375
81	Limited Transmission of Kaposi's Sarcoma-Associated Herpesvirus in Cultured Cells. <i>Journal of Virology</i> , 1998, 72, 5182-5188.	1.5	226
82	Lytic growth of Kaposi's sarcoma-associated herpesvirus (human herpesvirus 8) in culture. <i>Nature Medicine</i> , 1996, 2, 342-346.	15.2	1,024