

# Kevin V Morris

## List of Publications by Citations

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121  
papers

7,369  
citations

39  
h-index

85  
g-index

131  
ext. papers

8,275  
ext. citations

7.5  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
121	The rise of regulatory RNA. <i>Nature Reviews Genetics</i> , <b>2014</b> , 15, 423-37	30.1	897
120	Small interfering RNA-induced transcriptional gene silencing in human cells. <i>Science</i> , <b>2004</b> , 305, 1289-92	33.3	777
119	Evolutionary conservation of long non-coding RNAs; sequence, structure, function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2014</b> , 1840, 1063-71	4	434
118	Argonaute-1 directs siRNA-mediated transcriptional gene silencing in human cells. <i>Nature Structural and Molecular Biology</i> , <b>2006</b> , 13, 793-7	17.6	353
117	A pseudogene long-noncoding-RNA network regulates PTEN transcription and translation in human cells. <i>Nature Structural and Molecular Biology</i> , <b>2013</b> , 20, 440-6	17.6	350
116	The reality of pervasive transcription. <i>PLoS Biology</i> , <b>2011</b> , 9, e1000625; discussion e1001102	9.7	325
115	Bidirectional transcription directs both transcriptional gene activation and suppression in human cells. <i>PLoS Genetics</i> , <b>2008</b> , 4, e1000258	6	271
114	Promoter-associated RNA is required for RNA-directed transcriptional gene silencing in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 12422-7	11.5	230
113	The antisense strand of small interfering RNAs directs histone methylation and transcriptional gene silencing in human cells. <i>Rna</i> , <b>2006</b> , 12, 256-62	5.8	227
112	Profiling microRNA expression with microarrays. <i>Trends in Biotechnology</i> , <b>2008</b> , 26, 70-6	15.1	205
111	Promoter targeted small RNAs induce long-term transcriptional gene silencing in human cells. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, 2984-95	20.1	166
110	Transcriptional regulation of Oct4 by a long non-coding RNA antisense to Oct4-pseudogene 5. <i>Transcription</i> , <b>2010</b> , 1, 165-175	4.8	162
109	Interferon- $\beta$ and systemic autoimmunity. <i>Discovery Medicine</i> , <b>2013</b> , 16, 123-31	2.5	152
108	The role of long non-coding RNAs in neurodevelopment, brain function and neurological disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 369,	5.8	133
107	An HIV-encoded antisense long noncoding RNA epigenetically regulates viral transcription. <i>Molecular Therapy</i> , <b>2014</b> , 22, 1164-1175	11.7	118
106	Snapshots: chromatin control of viral infection. <i>Virology</i> , <b>2013</b> , 435, 141-56	3.6	116
105	RNA and transcriptional modulation of gene expression. <i>Cell Cycle</i> , <b>2008</b> , 7, 602-7	4.7	106

104	Perspectives on the mechanism of transcriptional regulation by long non-coding RNAs. <i>Epigenetics</i> , <b>2014</b> , 9, 13-20	5.7	105
103	Potent and Targeted Activation of Latent HIV-1 Using the CRISPR/dCas9 Activator Complex. <i>Molecular Therapy</i> , <b>2016</b> , 24, 488-98	11.7	91
102	Long antisense non-coding RNAs function to direct epigenetic complexes that regulate transcription in human cells. <i>Epigenetics</i> , <b>2009</b> , 4, 296-301	5.7	89
101	Quantification of nascent transcription by bromouridine immunocapture nuclear run-on RT-qPCR. <i>Nature Protocols</i> , <b>2015</b> , 10, 1198-211	18.8	67
100	Long noncoding RNAs in viral infections. <i>Virus Research</i> , <b>2016</b> , 212, 1-11	6.4	64
99	Cell-specific RNA aptamer against human CCR5 specifically targets HIV-1 susceptible cells and inhibits HIV-1 infectivity. <i>Chemistry and Biology</i> , <b>2015</b> , 22, 379-90		62
98	MYC regulates the non-coding transcriptome. <i>Oncotarget</i> , <b>2014</b> , 5, 12543-54	3.3	62
97	Controlling transcription with noncoding RNAs in mammalian cells. <i>BioTechniques</i> , <b>2010</b> , 48, ix-xvi	2.5	62
96	Transcriptional gene silencing in humans. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 6505-17	20.1	62
95	RNA-directed transcriptional gene silencing and activation in human cells. <i>Oligonucleotides</i> , <b>2009</b> , 19, 299-306		59
94	Transcriptional gene silencing through epigenetic changes mediated by non-coding RNAs. <i>Current Opinion in Molecular Therapeutics</i> , <b>2010</b> , 12, 214-22		59
93	Non-coding RNA and antisense RNA. Nature's trash or treasure?. <i>Biochimie</i> , <b>2011</b> , 93, 1922-7	4.6	56
92	Mobilization-competent Lentiviral Vector-mediated Sustained Transcriptional Modulation of HIV-1 Expression. <i>Molecular Therapy</i> , <b>2009</b> , 17, 360-8	11.7	52
91	Extracellular vesicle associated long non-coding RNAs functionally enhance cell viability. <i>Non-coding RNA Research</i> , <b>2016</b> , 1, 3-11	6	52
90	RNA-mediated transcriptional gene silencing in human cells. <i>Current Topics in Microbiology and Immunology</i> , <b>2008</b> , 320, 211-24	3.3	50
89	The therapeutic application of CRISPR/Cas9 technologies for HIV. <i>Expert Opinion on Biological Therapy</i> , <b>2015</b> , 15, 819-30	5.4	49
88	The emerging role of pseudogene expressed non-coding RNAs in cellular functions. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 54, 350-5	5.6	48
87	Long antisense non-coding RNAs and their role in transcription and oncogenesis. <i>Cell Cycle</i> , <b>2010</b> , 9, 2544-7		47

86	Lentivirus-mediated RNA interference therapy for human immunodeficiency virus type 1 infection. <i>Human Gene Therapy</i> , <b>2006</b> , 17, 479-86	4.8	46
85	The efficacy of generating three independent anti-HIV-1 siRNAs from a single U6 RNA Pol III-expressed long hairpin RNA. <i>PLoS ONE</i> , <b>2008</b> , 3, e2602	3.7	45
84	Long antisense non-coding RNAs and the epigenetic regulation of gene expression. <i>Biomolecular Concepts</i> , <b>2013</b> , 4, 411-5	3.7	42
83	Form and Function of Exosome-Associated Long Non-coding RNAs in Cancer. <i>Current Topics in Microbiology and Immunology</i> , <b>2016</b> , 394, 41-56	3.3	40
82	siRNA induced transcriptional gene silencing in mammalian cells. <i>Cell Cycle</i> , <b>2005</b> , 4, 442-8	4.7	39
81	An RNA targeted to the HIV-1 LTR promoter modulates indiscriminate off-target gene activation. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, 7303-12	20.1	38
80	Receptor-targeted aptamer-siRNA conjugate-directed transcriptional regulation of HIV-1. <i>Theranostics</i> , <b>2018</b> , 8, 1575-1590	12.1	37
79	The inhibitory efficacy of RNA POL III-expressed long hairpin RNAs targeted to untranslated regions of the HIV-1 5' long terminal repeat. <i>Oligonucleotides</i> , <b>2007</b> , 17, 419-31		37
78	Long noncoding RNAs: a potent source of regulation in immunity and disease. <i>Immunology and Cell Biology</i> , <b>2015</b> , 93, 277-83	5	36
77	The relationship between transcription initiation RNAs and CCCTC-binding factor (CTCF) localization. <i>Epigenetics and Chromatin</i> , <b>2011</b> , 4, 13	5.8	36
76	Expanding the functional role of long noncoding RNAs. <i>Cell Research</i> , <b>2014</b> , 24, 1284-5	24.7	35
75	Long non-coding RNA targeting and transcriptional de-repression. <i>Nucleic Acid Therapeutics</i> , <b>2013</b> , 23, 9-14	4.8	34
74	Non-coding RNAs, epigenetic memory and the passage of information to progeny. <i>RNA Biology</i> , <b>2009</b> , 6, 242-7	4.8	34
73	Are viral-encoded microRNAs mediating latent HIV-1 infection?. <i>DNA and Cell Biology</i> , <b>2006</b> , 25, 223-31	3.6	34
72	Characterization of an HIV-targeted transcriptional gene-silencing RNA in primary cells. <i>Human Gene Therapy</i> , <b>2012</b> , 23, 473-83	4.8	31
71	The molecular dynamics of long noncoding RNA control of transcription in PTEN and its pseudogene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 9942-9947	11.5	30
70	The emerging role of RNA in the regulation of gene transcription in human cells. <i>Seminars in Cell and Developmental Biology</i> , <b>2011</b> , 22, 351-8	7.5	30
69	The emerging role of long non-coding RNAs in HIV infection. <i>Virus Research</i> , <b>2016</b> , 212, 114-26	6.4	27

68	Anti-HIV-1 gene expressing lentiviral vectors as an adjunctive therapy for HIV-1 infection. <i>Current HIV Research</i> , <b>2004</b> , 2, 185-91	1.3	27
67	Transduction of cell lines and primary cells by FIV-packaged HIV vectors. <i>Molecular Therapy</i> , <b>2004</b> , 10, 181-90	11.7	27
66	A SARS-CoV-2 targeted siRNA-nanoparticle therapy for COVID-19. <i>Molecular Therapy</i> , <b>2021</b> , 29, 2219-2226	6.7	27
65	Not so pseudo anymore: pseudogenes as therapeutic targets. <i>Pharmacogenomics</i> , <b>2013</b> , 14, 2023-34	2.6	25
64	Therapeutic potential of siRNA-mediated transcriptional gene silencing. <i>BioTechniques</i> , <b>2006</b> , Suppl, 7-13	2.5	24
63	MYCNOS functions as an antisense RNA regulating MYCN. <i>RNA Biology</i> , <b>2015</b> , 12, 893-9	4.8	23
62	Pseudogenes: a novel source of trans-acting antisense RNAs. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1167, 213-26	1.4	22
61	Long Non-coding RNA BGas Regulates the Cystic Fibrosis Transmembrane Conductance Regulator. <i>Molecular Therapy</i> , <b>2016</b> , 24, 1351-7	11.7	22
60	Global Intersection of Long Non-Coding RNAs with Processed and Unprocessed Pseudogenes in the Human Genome. <i>Frontiers in Genetics</i> , <b>2016</b> , 7, 26	4.5	21
59	An Algorithm for Generating Small RNAs Capable of Epigenetically Modulating Transcriptional Gene Silencing and Activation in Human Cells. <i>Molecular Therapy - Nucleic Acids</i> , <b>2013</b> , 2, e104	10.7	20
58	Small RNA-Mediated Epigenetic Myostatin Silencing. <i>Molecular Therapy - Nucleic Acids</i> , <b>2012</b> , 1, e23	10.7	20
57	Inhibition of HIV-1 replication by siRNA targeting conserved regions of gag/pol. <i>RNA Biology</i> , <b>2005</b> , 2, 17-20	4.8	19
56	All IR on the RADAR: role of ADAR in gene regulation. <i>FEBS Letters</i> , <b>2018</b> , 592, 2860-2873	3.8	18
55	Chromatin, non-coding RNAs, and the expression of HIV. <i>Viruses</i> , <b>2013</b> , 5, 1633-45	6.2	15
54	Transcriptional Gene Silencing of the Autism-Associated Long Noncoding RNA MSNP1AS in Human Neural Progenitor Cells. <i>Developmental Neuroscience</i> , <b>2016</b> , 38, 375-383	2.2	15
53	Targeted Activation of Cystic Fibrosis Transmembrane Conductance Regulator. <i>Molecular Therapy</i> , <b>2019</b> , 27, 1737-1748	11.7	14
52	Improved Cas9 activity by specific modifications of the tracrRNA. <i>Scientific Reports</i> , <b>2019</b> , 9, 16104	4.9	14
51	The theory of RNA-mediated gene evolution. <i>Epigenetics</i> , <b>2015</b> , 10, 1-5	5.7	14

50	Characterization of human immunodeficiency virus (HIV)-2 vector mobilization by HIV-1. <i>Human Gene Therapy</i> , <b>2005</b> , 16, 1463-72	4.8	13
49	Mesenchymal Stem Cell exosome delivered Zinc Finger Protein activation of cystic fibrosis transmembrane conductance regulator. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12053	16.4	13
48	Long Non-Coding RNA Modulation of VEGF-A during Hypoxia. <i>Non-coding RNA</i> , <b>2018</b> , 4,	7.1	11
47	"Clicking" Gene Therapeutics: A Successful Union of Chemistry and Biomedicine for New Solutions. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 2892-2899	5.6	10
46	Exosome-mediated stable epigenetic repression of HIV-1. <i>Nature Communications</i> , <b>2021</b> , 12, 5541	17.4	9
45	HIV Latency and the noncoding RNA therapeutic landscape. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 848, 169-89	3.6	8
44	Antiviral applications of RNAi. <i>Current Opinion in Molecular Therapeutics</i> , <b>2006</b> , 8, 115-21		8
43	Control of LDL Uptake in Human Cells by Targeting the LDLR Regulatory Long Non-coding RNA BM450697. <i>Molecular Therapy - Nucleic Acids</i> , <b>2019</b> , 17, 264-276	10.7	6
42	Epigenetic regulation of gene expression in human cells by noncoding RNAs. <i>Progress in Molecular Biology and Translational Science</i> , <b>2011</b> , 102, 1-10	4	6
41	Combinatorial RNA-based Therapies for HIV-1569-580		6
40	VRX-496(VIRxSYS). <i>Current Opinion in Investigational Drugs</i> , <b>2005</b> , 6, 209-15		6
39	Long Non-coding RNAs Mechanisms of Action in HIV-1 Modulation and the Identification of Novel Therapeutic Targets. <i>Non-coding RNA</i> , <b>2020</b> , 6,	7.1	5
38	MINCR is not a MYC-induced lncRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E496-7	11.5	5
37	Modulation of gene-specific epigenetic states and transcription by non-coding RNAs. <i>Clinical Epigenetics</i> , <b>2011</b> , 2, 433-7	7.7	5
36	Chemically Modified Oligonucleotides Modulate an Epigenetically Varied and Transient Form of Transcription Silencing of HIV-1 in Human Cells. <i>Molecular Therapy - Nucleic Acids</i> , <b>2012</b> , 1, e16	10.7	5
35	Characterization of a mobilization-competent simian immunodeficiency virus (SIV) vector containing a ribozyme against SIV polymerase. <i>Journal of General Virology</i> , <b>2004</b> , 85, 1489-1496	4.9	5
34	Enhanced target cell specificity and uptake of lipid nanoparticles using RNA aptamers and peptides. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 891-907	2.5	5
33	Stable Transcriptional Repression and Parasitism of HIV-1. <i>Molecular Therapy - Nucleic Acids</i> , <b>2018</b> , 12, 12-18	10.7	5

32	Automating microfluidic part verification. <i>Microfluidics and Nanofluidics</i> , <b>2015</b> , 18, 657-665	2.8	4
31	Role of RNA in the regulation of gene expression. <i>Nutrition Reviews</i> , <b>2008</b> , 66 Suppl 1, S31-2	6.4	4
30	Engineered extracellular vesicles directed to the spike protein inhibit SARS-CoV-2.. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2022</b> ,	6.4	4
29	Development of a Facile Approach for Generating Chemically Modified CRISPR/Cas9 RNA. <i>Molecular Therapy - Nucleic Acids</i> , <b>2020</b> , 19, 1176-1185	10.7	3
28	RNA-directed epigenetic silencing of Periostin inhibits cell motility. <i>Royal Society Open Science</i> , <b>2015</b> , 2, 140545	3.3	3
27	Enhancing siRNA effects in T cells for adoptive immunotherapy. <i>Hematology</i> , <b>2005</b> , 10, 461-7	2.2	3
26	Conditionally Replicating Vectors Mobilize Chimeric Antigen Receptors against HIV. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 19, 285-294	6.4	3
25	Broadly active zinc finger protein-guided transcriptional activation of HIV-1. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2021</b> , 20, 18-29	6.4	3
24	Transcriptional gene silencing as a genetic therapy for HIV-1. <i>Future HIV Therapy</i> , <b>2008</b> , 2, 339-349		2
23	The effects of HHV-8 vMIP-II on SIVmac251 infection and replication competent and incompetent SIVmac239Delta3 vectors. <i>Virus Research</i> , <b>2003</b> , 94, 103-12	6.4	2
22	A SARS-CoV-2 targeted siRNA-nanoparticle therapy for COVID-19 <b>2021</b> ,		2
21	RNA Directed Modulation of Phenotypic Plasticity in Human Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152424	3.7	2
20	The Multifunctionality of Exosomes; from the Garbage Bin of the Cell to a Next Generation Gene and Cellular Therapy. <i>Genes</i> , <b>2021</b> , 12,	4.2	2
19	Nuclear microRNA-466c regulates Vegfa expression in response to hypoxia.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0265948	3.7	2
18	RNA-DIRECTED CONTROL OF TRANSCRIPTION IN HUMAN CELLS: SPECIFICALLY TURNING GENES ON OR OFF. <i>Gene Therapy and Regulation</i> , <b>2009</b> , 04, 1-10		1
17	Genetic-based therapies to select nonpathogenic variants of HIV-1. <i>Personalized Medicine</i> , <b>2007</b> , 4, 261-269		1
16	Targeted small noncoding RNA-directed gene activation in human cells. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1173, 1-10	1.4	1
15	RNAi to treat SARS-CoV-2-variant proofing the next generation of therapies.. <i>EMBO Molecular Medicine</i> , <b>2022</b> , e15811	12	1

14	Hypoxia-directed tumor targeting of CRISPR-Cas9 and HSV-TK suicide gene therapy using lipid nanoparticles.. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2022</b> , 25, 158-169	6.4	1
13	Pre-clinical data supporting immunotherapy for HIV using CMV-HIV-specific CAR T cells with CMV vaccine.. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2022</b> , 25, 344-359	6.4	1
12	Pseudogenes: A Novel Source of Trans-Acting Antisense RNAs. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2324, 219-236	1.4	0
11	A role for a novel natural antisense-BDNF in the maintenance of nicotine-seeking. <i>Addiction Neuroscience</i> , <b>2022</b> , 2, 100010		0
10	Reply to Liu et al.: Yin and yang of PTEN regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E10512-E10513	11.5	
9	62. Aptamer-siRNA Conjugate Directed Transcriptional Gene Silencing in HIV-1 Infected T Cells. <i>Molecular Therapy</i> , <b>2015</b> , 23, S27-S28	11.7	
8	Suppression of Gene Expression via Chromatin Remodeling and the siRNA-Induced Silencing of Transcription <b>2005</b> , 423-440		
7	Characterization of Human Immunodeficiency Virus (HIV)-2 Vector Mobilization by HIV-1. <i>Human Gene Therapy</i> , <b>2005</b> , 051128062746001	4.8	
6	Lentivirus-Mediated RNA Interference Therapy for Human Immunodeficiency Virus Type 1 Infection. <i>Human Gene Therapy</i> , <b>2006</b> , 060801084750011	4.8	
5	Regulation of Gene Expression by RNA-Mediated Transcriptional Gene Silencing <b>2009</b> , 405-417		
4	The Use of Small Noncoding RNAs to Silence Transcription in Human Cells. <i>Neuromethods</i> , <b>2011</b> , 39-57	0.4	
3	Non-coding RNAs; epigenetic regulators of gene transcription in human cells. <i>FASEB Journal</i> , <b>2012</b> , 26, 333.2	0.9	
2	Designer nucleases to treat malignant cancers driven by viral oncogenes. <i>Virology Journal</i> , <b>2021</b> , 18, 18	6.1	
1	Lentiviral Vector Delivery of RNAi for the Treatment of HIV-1 Infection 207-222		