

# Michael R Green

## List of Publications by Year in descending order

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114  
papers

15,969  
citations

26630

56  
h-index

25787

108  
g-index

117  
all docs

117  
docs citations

117  
times ranked

21083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting the Regulatory Circuitry of a Eukaryotic Genome. <i>Cell</i> , 1998, 95, 717-728.	28.9	1,722
2	ChIPpeakAnno: a Bioconductor package to annotate ChIP-seq and ChIP-chip data. <i>BMC Bioinformatics</i> , 2010, 11, 237.	2.6	963
3	Oncogenic BRAF Induces Senescence and Apoptosis through Pathways Mediated by the Secreted Protein IGFBP7. <i>Cell</i> , 2008, 132, 363-374.	28.9	787
4	Nucleosome disruption and enhancement of activator binding by a human SW1/SNF complex. <i>Nature</i> , 1994, 370, 477-481.	27.8	744
5	Transcriptional Regulatory Elements in the Human Genome. <i>Annual Review of Genomics and Human Genetics</i> , 2006, 7, 29-59.	6.2	724
6	Mechanism of action of an acidic transcriptional activator in vitro. <i>Cell</i> , 1991, 64, 971-981.	28.9	608
7	Facilitated binding of TATA-binding protein to nucleosomal DNA. <i>Nature</i> , 1994, 370, 481-485.	27.8	598
8	Cloning and domain structure of the mammalian splicing factor U2AF. <i>Nature</i> , 1992, 355, 609-614.	27.8	557
9	A factor, U2AF, is required for U2 snRNP binding and splicing complex assembly. <i>Cell</i> , 1988, 52, 207-219.	28.9	531
10	Functional recognition of the 5' splice site AG by the splicing factor U2AF35. <i>Nature</i> , 1999, 402, 832-835.	27.8	390
11	Expressing the human genome. <i>Nature</i> , 2001, 409, 832-833.	27.8	378
12	Redundant roles for the TFIID and SAGA complexes in global transcription. <i>Nature</i> , 2000, 405, 701-704.	27.8	330
13	A human nucleoporin-like protein that specifically interacts with HIV Rev. <i>Nature</i> , 1995, 376, 530-533.	27.8	288
14	Localization of pre-mRNA splicing in mammalian nuclei. <i>Nature</i> , 1994, 372, 809-812.	27.8	272
15	A Mammalian Siderophore Synthesized by an Enzyme with a Bacterial Homolog Involved in Enterobactin Production. <i>Cell</i> , 2010, 141, 1006-1017.	28.9	259
16	An elaborate pathway required for Ras-mediated epigenetic silencing. <i>Nature</i> , 2007, 449, 1073-1077.	27.8	254
17	Transcription activation in cells lacking TAFII. <i>Nature</i> , 1996, 383, 185-188.	27.8	241
18	F-box protein FBXO31 mediates cyclin D1 degradation to induce G1 arrest after DNA damage. <i>Nature</i> , 2009, 459, 722-725.	27.8	234

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19	Enhancement of TBP binding by activators and general transcription factors. <i>Nature</i> , 1999, 399, 605-609.	27.8	228
20	Inhibition of tumor angiogenesis by p53: a new role for the guardian of the genome. <i>Journal of Molecular Medicine</i> , 2007, 85, 1175-1186.	3.9	218
21	TBP-associated factors (TAF II s): multiple, selective transcriptional mediators in common complexes. <i>Trends in Biochemical Sciences</i> , 2000, 25, 59-63.	7.5	198
22	A Novel Peptide Recognition Mode Revealed by the X-Ray Structure of a Core U2AF35/U2AF65 Heterodimer. <i>Cell</i> , 2001, 106, 595-605.	28.9	192
23	Activator-induced conformational change in general transcription factor TFIIB. <i>Nature</i> , 1994, 371, 717-720.	27.8	190
24	The BRAF Oncoprotein Functions through the Transcriptional Repressor MAFG to Mediate the CpG Island Methylator Phenotype. <i>Molecular Cell</i> , 2014, 55, 904-915.	9.7	179
25	p53-Mediated Inhibition of Angiogenesis Through Up-Regulation of a Collagen Prolyl Hydroxylase. <i>Science</i> , 2006, 313, 968-971.	12.6	170
26	Structural Basis for Polypyrimidine Tract Recognition by the Essential Pre-mRNA Splicing Factor U2AF65. <i>Molecular Cell</i> , 2006, 23, 49-59.	9.7	170
27	A Pathway of Sequential Arginine-Serine-Rich Domain-Splicing Signal Interactions during Mammalian Spliceosome Assembly. <i>Molecular Cell</i> , 2004, 16, 363-373.	9.7	169
28	In vivo target of a transcriptional activator revealed by fluorescence resonance energy transfer. <i>Genes and Development</i> , 2004, 18, 333-343.	5.9	165
29	Yeast TAF IIS in a multisubunit complex required for activated transcription. <i>Nature</i> , 1994, 371, 523-527.	27.8	163
30	TRIM37 is a new histone H2A ubiquitin ligase and breast cancer oncoprotein. <i>Nature</i> , 2014, 516, 116-120.	27.8	152
31	Recognition of bZIP proteins by the human T-cell leukaemia virus transactivator Tax. <i>Nature</i> , 1995, 376, 602-605.	27.8	148
32	A genome-wide RNA interference screen reveals an essential CREB3L2-ATF5-MCL1 survival pathway in malignant glioma with therapeutic implications. <i>Nature Medicine</i> , 2010, 16, 671-677.	30.7	144
33	Yeast TAFII145 Required for Transcription of G1/S Cyclin Genes and Regulated by the Cellular Growth State. <i>Cell</i> , 1997, 90, 607-614.	28.9	143
34	A KRAS-directed transcriptional silencing pathway that mediates the CpG island methylator phenotype. <i>ELife</i> , 2014, 3, e02313.	6.0	142
35	Resistance to therapy in BRCA2 mutant cells due to loss of the nucleosome remodeling factor CHD4. <i>Genes and Development</i> , 2015, 29, 489-494.	5.9	124
36	Targeting of U2AF65 to Sites of Active Splicing in the Nucleus. <i>Journal of Cell Biology</i> , 1997, 137, 975-987.	5.2	115

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37	Epigenetic Silencing of the RASSF1A Tumor Suppressor Gene through HOXB3-Mediated Induction of DNMT3B Expression. <i>Molecular Cell</i> , 2009, 36, 219-230.	9.7	111
38	U2AF35(S34F) Promotes Transformation by Directing Aberrant ATG7 Pre-mRNA 3' End Formation. <i>Molecular Cell</i> , 2016, 62, 479-490.	9.7	111
39	BCR-ABL suppresses autophagy through ATF5-mediated regulation of mTOR transcription. <i>Blood</i> , 2011, 118, 2840-2848.	1.4	110
40	Inhibition of Enhancer of zeste homolog 2 (EZH2) induces natural killer cell-mediated eradication of hepatocellular carcinoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3509-E3518.	7.1	109
41	HIV-1 Tat Stimulates Transcription Complex Assembly through Recruitment of TBP in the Absence of TAFs. <i>PLoS Biology</i> , 2005, 3, e44.	5.6	107
42	A genome-wide shRNA screen identifies <i>GAS1</i> as a novel melanoma metastasis suppressor gene. <i>Genes and Development</i> , 2008, 22, 2932-2940.	5.9	105
43	A therapeutically targetable mechanism of BCR-ABL-independent imatinib resistance in chronic myeloid leukemia. <i>Science Translational Medicine</i> , 2014, 6, 252ra121.	12.4	105
44	Broad, but Not Universal, Transcriptional Requirement for $\gamma$ TAFII17, a Histone H3-like TAFII Present in TFIID and SAGA. <i>Molecular Cell</i> , 1998, 2, 653-661.	9.7	94
45	Sequence-specific interaction between HIV-1 matrix protein and viral genomic RNA revealed by in vitro genetic selection. <i>Rna</i> , 2001, 7, 576-584.	3.5	92
46	Genetic and pharmacological reactivation of the mammalian inactive X chromosome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12591-12598.	7.1	78
47	Common BRAF(V600E)-directed pathway mediates widespread epigenetic silencing in colorectal cancer and melanoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1250-1255.	7.1	74
48	Initiation of zebrafish haematopoiesis by the TATA-box-binding protein-related factor Trf3. <i>Nature</i> , 2007, 450, 1082-1085.	27.8	72
49	Regulation of DNA methylation dictates Cd4 expression during the development of helper and cytotoxic T cell lineages. <i>Nature Immunology</i> , 2015, 16, 746-754.	14.5	72
50	Rapid identification and characterization of hammerhead-ribozyme inhibitors using fluorescence-based technology. <i>Nature Biotechnology</i> , 2001, 19, 56-61.	17.5	70
51	The Blk pathway functions as a tumor suppressor in chronic myeloid leukemia stem cells. <i>Nature Genetics</i> , 2012, 44, 861-871.	21.4	69
52	TRF3, a TATA-box-binding protein-related factor, is vertebrate-specific and widely expressed. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14887-14891.	7.1	68
53	MARCH1 regulates insulin sensitivity by controlling cell surface insulin receptor levels. <i>Nature Communications</i> , 2016, 7, 12639.	12.8	66
54	Eukaryotic Transcription Activation: Right on Target. <i>Molecular Cell</i> , 2005, 18, 399-402.	9.7	63

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55	MELK Promotes Melanoma Growth by Stimulating the NF- $\kappa$ B Pathway. <i>Cell Reports</i> , 2017, 21, 2829-2841.	6.4	61
56	Dichotomous regulators. <i>Nature</i> , 1995, 375, 105-106.	27.8	59
57	An extended U2AF65 RNA-binding domain recognizes the 3' splice site signal. <i>Nature Communications</i> , 2016, 7, 10950.	12.8	58
58	Differential recognition of the polypyrimidine-tract by the general splicing factor U2AF65 and the splicing repressor sex-lethal. <i>Rna</i> , 2000, 6, 901-911.	3.5	52
59	Resistance to vemurafenib resulting from a novel mutation in the BRAFV600E kinase domain. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 124-133.	3.3	51
60	ATF5 regulates $\hat{I}^2$ -cell survival during stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1341-1346.	7.1	51
61	F-box protein FBXO31 directs degradation of MDM2 to facilitate p53-mediated growth arrest following genotoxic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8632-8637.	7.1	50
62	CRISPR-Cas9 mediated saturated mutagenesis screen predicts clinical drug resistance with improved accuracy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11751-11756.	7.1	50
63	Cancer-relevant Splicing Factor CAPER1 Engages the Essential Splicing Factor SF3b155 in a Specific Ternary Complex. <i>Journal of Biological Chemistry</i> , 2014, 289, 17325-17337.	3.4	49
64	Transcription factor ATF5 is required for terminal differentiation and survival of olfactory sensory neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18589-18594.	7.1	47
65	KLF7 promotes pancreatic cancer growth and metastasis by up-regulating ISG expression and maintaining Golgi complex integrity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12341-12351.	7.1	46
66	U2AF65 adapts to diverse pre-mRNA splice sites through conformational selection of specific and promiscuous RNA recognition motifs. <i>Nucleic Acids Research</i> , 2013, 41, 3859-3873.	14.5	43
67	Reply to Enrichment of regulatory motifs upstream of predicted DAF-16 targets. <i>Nature Genetics</i> , 2006, 38, 398-398.	21.4	38
68	A KLF4-DYRK2 mediated pathway regulating self-renewal in CML stem cells. <i>Blood</i> , 2019, 134, 1960-1972.	1.4	38
69	A role for Tau protein in maintaining ribosomal DNA stability and cytidine deaminase-deficient cell survival. <i>Nature Communications</i> , 2017, 8, 693.	12.8	37
70	EZH2 inhibits NK cell mediated antitumor immunity by suppressing CXCL10 expression in an HDAC10-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	37
71	Oncogenic RAS directs silencing of tumor suppressor genes through ordered recruitment of transcriptional repressors. <i>Genes and Development</i> , 2013, 27, 2221-2226.	5.9	36
72	Non-canonical TAF complexes regulate active promoters in human embryonic stem cells. <i>ELife</i> , 2012, 1, e00068.	6.0	36

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73	Global Promotion of Alternative Internal Exon Usage by mRNA 3' End Formation Factors. <i>Molecular Cell</i> , 2015, 58, 819-831.	9.7	34
74	From polyadenylation to splicing: Dual role for mRNA 3' end formation factors. <i>RNA Biology</i> , 2016, 13, 259-264.	3.1	34
75	Pharmacological reactivation of inactive X-linked <i>Mecp2</i> in cerebral cortical neurons of living mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7991-7996.	7.1	34
76	Loss of BOP1 confers resistance to BRAF kinase inhibitors in melanoma by activating MAP kinase pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4583-4591.	7.1	33
77	Genetic disruption of oncogenic Kras sensitizes lung cancer cells to Fas receptor-mediated apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3648-3653.	7.1	32
78	A Synthetic Interaction Screen Identifies Factors Selectively Required for Proliferation and TERT Transcription in p53-Deficient Human Cancer Cells. <i>PLoS Genetics</i> , 2012, 8, e1003151.	3.5	31
79	Synergistic tumor suppression by combined inhibition of telomerase and CDKN1A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3062-71.	7.1	31
80	Solution Conformation and Thermodynamic Characteristics of RNA Binding by the Splicing Factor U2AF65. <i>Journal of Biological Chemistry</i> , 2008, 283, 33641-33649.	3.4	30
81	Identification of Epigenetic Regulators of DUX4-fl for Targeted Therapy of Facioscapulohumeral Muscular Dystrophy. <i>Molecular Therapy</i> , 2018, 26, 1797-1807.	8.2	29
82	Selective interaction between Trf3 and Taf3 required for early development and hematopoiesis. <i>Developmental Dynamics</i> , 2009, 238, 2540-2549.	1.8	28
83	PSF contacts exon 7 of SMN2 pre-mRNA to promote exon 7 inclusion. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 517-525.	1.9	26
84	Exon 9 skipping of apoptotic caspase-2 pre-mRNA is promoted by SRSF3 through interaction with exon 8. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 25-32.	1.9	25
85	OneStopRNAseq: A Web Application for Comprehensive and Efficient Analyses of RNA-Seq Data. <i>Genes</i> , 2020, 11, 1165.	2.4	25
86	The histone H3K9 demethylase KDM3A promotes anoikis by transcriptionally activating pro-apoptotic genes BNIP3 and BNIP3L. <i>ELife</i> , 2016, 5, .	6.0	23
87	Senescence: Not Just for Tumor Suppression. <i>Cell</i> , 2008, 134, 562-564.	28.9	22
88	The CREB Coactivator CRTC2 Is a Lymphoma Tumor Suppressor that Preserves Genome Integrity through Transcription of DNA Mismatch Repair Genes. <i>Cell Reports</i> , 2015, 11, 1350-1357.	6.4	22
89	An Embryonic Stem Cell-Specific NuRD Complex Functions through Interaction with WDR5. <i>Stem Cell Reports</i> , 2017, 8, 1488-1496.	4.8	22
90	PEA15 Regulates the DNA Damage-Induced Cell Cycle Checkpoint and Oncogene-Directed Transformation. <i>Molecular and Cellular Biology</i> , 2014, 34, 2264-2282.	2.3	21

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91	SRSF2 promotes splicing and transcription of exon 11 included isoform in Ron proto-oncogene. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1132-1140.	1.9	21
92	Inactivation of 3- <i>hydroxybutyrate dehydrogenase</i> 2 delays zebrafish erythroid maturation by conferring premature mitophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1460-9.	7.1	20
93	Degradation of FBXO31 by APC/C is regulated by AKT- and ATM-mediated phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 998-1003.	7.1	18
94	A Large-Scale RNAi-Based Mouse Tumorigenesis Screen Identifies New Lung Cancer Tumor Suppressors That Repress FGFR Signaling. <i>Cancer Discovery</i> , 2014, 4, 1168-1181.	9.4	15
95	A large-scale RNA interference screen identifies genes that regulate autophagy at different stages. <i>Scientific Reports</i> , 2018, 8, 2822.	3.3	12
96	Genetic analysis of TAF68/61 reveals links to cell cycle regulators. <i>Yeast</i> , 2001, 18, 1197-1205.	1.7	11
97	Prosurvival kinase PIM2 is a therapeutic target for eradication of chronic myeloid leukemia stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10482-10487.	7.1	10
98	dagLogo: An R/Bioconductor package for identifying and visualizing differential amino acid group usage in proteomics data. <i>PLoS ONE</i> , 2020, 15, e0242030.	2.5	10
99	Prostaglandin E2 stimulates cAMP signaling and resensitizes human leukemia cells to glucocorticoid-induced cell death. <i>Blood</i> , 2021, 137, 500-512.	1.4	9
100	Genome Wide Association Analysis of a Founder Population Identified TAF3 as a Gene for MCHC in Humans. <i>PLoS ONE</i> , 2013, 8, e69206.	2.5	9
101	The odd coupling. <i>Nature</i> , 2001, 413, 583-585.	27.8	6
102	Global analysis of CPSF2-mediated alternative splicing: Integration of global iCLIP and transcriptome profiling data. <i>Genomics Data</i> , 2015, 6, 217-221.	1.3	5
103	High-Throughput Screening of Tyrosine Kinase Inhibitor Resistant Genes in CML. <i>Methods in Molecular Biology</i> , 2016, 1465, 159-173.	0.9	4
104	A Diphtheria Toxin Negative Selection in RNA Interference Screening. <i>Methods in Molecular Biology</i> , 2014, 1176, 59-72.	0.9	4
105	ESRRB regulates glucocorticoid gene expression in mice and patients with acute lymphoblastic leukemia. <i>Blood Advances</i> , 2020, 4, 3154-3168.	5.2	3
106	Fluorescence Reporter-Based Genome-Wide RNA Interference Screening to Identify Alternative Splicing Regulators. <i>Methods in Molecular Biology</i> , 2017, 1507, 1-12.	0.9	1
107	Identifying Mechanisms of Glucocorticoid Resistance in Relapsed Pediatric T-ALL. <i>Blood</i> , 2016, 128, 2769-2769.	1.4	1
108	An shRNA kinase screen identifies regulators of UHRF1 stability and activity in mouse embryonic stem cells. <i>Epigenetics</i> , 2022, , 1-18.	2.7	1

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109	Irf3 polymorphism alters induction of IFN $\gamma$ in response to <i>L. monocytogenes</i> infection. PLoS Genetics, 2005, preprint, e152.	3.5	0
110	DYRK2 Inhibits the Self-Renewal of Leukemic Stem Cells in Chronic Myeloid Leukemia By Inducing Degradation of c-Myc Downstream of the Reprogramming Factor KLF4. Blood, 2016, 128, 1879-1879.	1.4	0
111	Title is missing!. , 2020, 15, e0242030.		0
112	Title is missing!. , 2020, 15, e0242030.		0
113	Title is missing!. , 2020, 15, e0242030.		0
114	Title is missing!. , 2020, 15, e0242030.		0