

Gregory J Goodall

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105
papers

13,190
citations

49
h-index

114
g-index

116
ext. papers

15,197
ext. citations

9.7
avg, IF

6.76
L-index

#	Paper	IF	Citations
105	The miR-200 family and miR-205 regulate epithelial to mesenchymal transition by targeting ZEB1 and SIP1. <i>Nature Cell Biology</i> , 2008 , 10, 593-601	23.4	3060
104	The RNA binding protein quaking regulates formation of circRNAs. <i>Cell</i> , 2015 , 160, 1125-34	56.2	1206
103	A double-negative feedback loop between ZEB1-SIP1 and the microRNA-200 family regulates epithelial-mesenchymal transition. <i>Cancer Research</i> , 2008 , 68, 7846-54	10.1	852
102	Guidelines and definitions for research on epithelial-mesenchymal transition. <i>Nature Reviews Molecular Cell Biology</i> , 2020 , 21, 341-352	48.7	469
101	A network-biology perspective of microRNA function and dysfunction in cancer. <i>Nature Reviews Genetics</i> , 2016 , 17, 719-732	30.1	440
100	Experimental strategies for microRNA target identification. <i>Nucleic Acids Research</i> , 2011 , 39, 6845-53	20.1	430
99	An autocrine TGF-beta/ZEB/miR-200 signaling network regulates establishment and maintenance of epithelial-mesenchymal transition. <i>Molecular Biology of the Cell</i> , 2011 , 22, 1686-98	3.5	425
98	MicroRNAs as regulators of epithelial-mesenchymal transition. <i>Cell Cycle</i> , 2008 , 7, 3112-8	4.7	417
97	The AU-rich sequences present in the introns of plant nuclear pre-mRNAs are required for splicing. <i>Cell</i> , 1989 , 58, 473-83	56.2	395
96	Contextual extracellular cues promote tumor cell EMT and metastasis by regulating miR-200 family expression. <i>Genes and Development</i> , 2009 , 23, 2140-51	12.6	376
95	IsomiRs--the overlooked repertoire in the dynamic microRNAome. <i>Trends in Genetics</i> , 2012 , 28, 544-9	8.5	339
94	RNA in cancer. <i>Nature Reviews Cancer</i> , 2021 , 21, 22-36	31.3	279
93	Hypoxia-inducible factor-1alpha mRNA contains an internal ribosome entry site that allows efficient translation during normoxia and hypoxia. <i>Molecular Biology of the Cell</i> , 2002 , 13, 1792-801	3.5	263
92	E-cadherin expression is regulated by miR-192/215 by a mechanism that is independent of the profibrotic effects of transforming growth factor-beta. <i>Diabetes</i> , 2010 , 59, 1794-802	0.9	212
91	The Notch ligand Jagged2 promotes lung adenocarcinoma metastasis through a miR-200-dependent pathway in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1373-85	15.9	154
90	Epigenetic modulation of the miR-200 family is associated with transition to a breast cancer stem-cell-like state. <i>Journal of Cell Science</i> , 2013 , 126, 2256-66	5.3	150
89	Analysis of pre-mRNA processing in transfected plant protoplasts. <i>Methods in Enzymology</i> , 1990 , 181, 148-61	1.7	150

88	Down-regulation of the miRNA-200 family at the invasive front of colorectal cancers with degraded basement membrane indicates EMT is involved in cancer progression. <i>Neoplasia</i> , 2013 , 15, 180-91	6.4	126
87	ZEB1 drives prometastatic actin cytoskeletal remodeling by downregulating miR-34a expression. <i>Journal of Clinical Investigation</i> , 2012 , 122, 3170-83	15.9	119
86	Axl mediates acquired resistance of head and neck cancer cells to the epidermal growth factor receptor inhibitor erlotinib. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 2541-58	6.1	117
85	Reversal and prevention of arsenic-induced human bronchial epithelial cell malignant transformation by microRNA-200b. <i>Toxicological Sciences</i> , 2011 , 121, 110-22	4.4	113
84	Genome-wide identification of miR-200 targets reveals a regulatory network controlling cell invasion. <i>EMBO Journal</i> , 2014 , 33, 2040-56	13	112
83	MiRNA-205 modulates cellular invasion and migration via regulating zinc finger E-box binding homeobox 2 expression in esophageal squamous cell carcinoma cells. <i>Journal of Translational Medicine</i> , 2011 , 9, 30	8.5	111
82	Genome-wide identification of human FOXP3 target genes in natural regulatory T cells. <i>Journal of Immunology</i> , 2010 , 185, 1071-81	5.3	107
81	Assessing IRES activity in the HIF-1alpha and other cellular 5TUTRs. <i>Rna</i> , 2006 , 12, 1074-83	5.8	93
80	Myc-modulated miR-9 makes more metastases. <i>Nature Cell Biology</i> , 2010 , 12, 209-11	23.4	92
79	A model for the interaction of the GM-CSF, IL-3 and IL-5 receptors with their ligands. <i>Growth Factors</i> , 1993 , 8, 87-97	1.6	86
78	On measuring miRNAs after transient transfection of mimics or antisense inhibitors. <i>PLoS ONE</i> , 2013 , 8, e55214	3.7	84
77	Differential regulation of the stability of cytokine mRNAs in lipopolysaccharide-activated blood monocytes in response to interleukin-10. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20108-12	5.4	76
76	The minimum functional length of pre-mRNA introns in monocots and dicots. <i>Plant Molecular Biology</i> , 1990 , 14, 727-33	4.6	76
75	Induction of miR-21 by retinoic acid in estrogen receptor-positive breast carcinoma cells: biological correlates and molecular targets. <i>Journal of Biological Chemistry</i> , 2011 , 286, 4027-42	5.4	75
74	MicroRNA-194 Promotes Prostate Cancer Metastasis by Inhibiting SOCS2. <i>Cancer Research</i> , 2017 , 77, 1021-1034	10.1	74
73	Insights into the biogenesis and potential functions of exonic circular RNA. <i>Scientific Reports</i> , 2019 , 9, 2048	4.9	70
72	The vascular endothelial growth factor mRNA contains an internal ribosome entry site. <i>FEBS Letters</i> , 1998 , 434, 417-20	3.8	69
71	Direct transcriptional regulation by nuclear microRNAs. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 54, 304-11	5.6	66

70	Regulated post-transcriptional RNA cleavage diversifies the eukaryotic transcriptome. <i>Genome Research</i> , 2010 , 20, 1639-50	9.7	66
69	A multi-protein complex containing cold shock domain (Y-box) and polypyrimidine tract binding proteins forms on the vascular endothelial growth factor mRNA. Potential role in mRNA stabilization. <i>FEBS Journal</i> , 2004 , 271, 648-60		66
68	Thymosin beta 4 in cultured mammalian cell lines. <i>Archives of Biochemistry and Biophysics</i> , 1983 , 221, 598-601	4.1	64
67	Global analysis of the mammalian RNA degradome reveals widespread miRNA-dependent and miRNA-independent endonucleolytic cleavage. <i>Nucleic Acids Research</i> , 2011 , 39, 5658-68	20.1	63
66	The microRNA-200 family regulates epithelial to mesenchymal transition. <i>Scientific World Journal, The</i> , 2008 , 8, 901-4	2.2	63
65	Exploring complex miRNA-mRNA interactions with Bayesian networks by splitting-averaging strategy. <i>BMC Bioinformatics</i> , 2009 , 10, 408	3.6	58
64	Inferring microRNA-mRNA causal regulatory relationships from expression data. <i>Bioinformatics</i> , 2013 , 29, 765-71	7.2	56
63	Functional integrity of nuclear factor kappaB, phosphatidylinositol 3Kinase, and mitogen-activated protein kinase signaling allows tumor necrosis factor alpha-evoked Bcl-2 expression to provoke internal ribosome entry site-dependent translation of hypoxia-inducible factor 1alpha. <i>Cancer Research</i> , 2004 , 64, 9041-8	10.1	55
62	Combinatorial Targeting by MicroRNAs Co-ordinates Post-transcriptional Control of EMT. <i>Cell Systems</i> , 2018 , 7, 77-91.e7	10.6	52
61	Human PABP binds AU-rich RNA via RNA-binding domains 3 and 4. <i>FEBS Journal</i> , 2004 , 271, 450-7		52
60	Expression profiling of a hemopoietic cell survival transcriptome implicates osteopontin as a functional prognostic factor in AML. <i>Blood</i> , 2009 , 114, 4859-70	2.2	51
59	Recognition efficiency of Dicotyledoneae-specific promoter and RNA processing signals in rice. <i>Molecular Genetics and Genomics</i> , 1990 , 222, 361-8		51
58	Specificity protein 1 (Sp1) maintains basal epithelial expression of the miR-200 family: implications for epithelial-mesenchymal transition. <i>Journal of Biological Chemistry</i> , 2014 , 289, 11194-11205	5.4	49
57	Network-Based Approaches to Understand the Roles of miR-200 and Other microRNAs in Cancer. <i>Cancer Research</i> , 2015 , 75, 2594-9	10.1	49
56	Regulation of vascular leak and recovery from ischemic injury by general and VE-cadherin-restricted miRNA antagonists of miR-27. <i>Blood</i> , 2013 , 122, 2911-9	2.2	48
55	Phosphorylation of cold shock domain/Y-box proteins by ERK2 and GSK3beta and repression of the human VEGF promoter. <i>FEBS Letters</i> , 2005 , 579, 5372-8	3.8	48
54	Assessing the gene regulatory properties of Argonaute-bound small RNAs of diverse genomic origin. <i>Nucleic Acids Research</i> , 2015 , 43, 470-81	20.1	47
53	miR-200/375 control epithelial plasticity-associated alternative splicing by repressing the RNA-binding protein Quaking. <i>EMBO Journal</i> , 2018 , 37,	13	46

52	Understanding principles of miRNA target recognition and function through integrated biological and bioinformatics approaches. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014 , 5, 361-79	9.3	45
51	Naturally existing isoforms of miR-222 have distinct functions. <i>Nucleic Acids Research</i> , 2017 , 45, 11371-11385	13.85	44
50	Evidence that meningeal mast cells can worsen stroke pathology in mice. <i>American Journal of Pathology</i> , 2014 , 184, 2493-504	5.8	43
49	microRNAs and EMT in mammary cells and breast cancer. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2010 , 15, 213-23	2.4	43
48	The tyrosine phosphatase PTPN14 (Pez) inhibits metastasis by altering protein trafficking. <i>Science Signaling</i> , 2015 , 8, ra18	8.8	42
47	Multiple plant RNA binding proteins identified by PCR: expression of cDNAs encoding RNA binding proteins targeted to chloroplasts in <i>Nicotiana glauca</i> . <i>Molecular Genetics and Genomics</i> , 1992 , 234, 390-400		40
46	Matrigel basement membrane matrix influences expression of microRNAs in cancer cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 427, 343-8	3.4	38
45	A vascular cell-restricted RhoGAP, p73RhoGAP, is a key regulator of angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 12212-7	11.5	36
44	Inferring microRNA and transcription factor regulatory networks in heterogeneous data. <i>BMC Bioinformatics</i> , 2013 , 14, 92	3.6	34
43	p53 Represses the Oncogenic Sno-MiR-28 Derived from a SnoRNA. <i>PLoS ONE</i> , 2015 , 10, e0129190	3.7	34
42	A novel role for the Pol I transcription factor UBTF in maintaining genome stability through the regulation of highly transcribed Pol II genes. <i>Genome Research</i> , 2015 , 25, 201-12	9.7	31
41	Clinical Utility of a STAT3-Regulated miRNA-200 Family Signature with Prognostic Potential in Early Gastric Cancer. <i>Clinical Cancer Research</i> , 2018 , 24, 1459-1472	12.9	29
40	MicroRNA networks regulated by all-trans retinoic acid and Lapatinib control the growth, survival and motility of breast cancer cells. <i>Oncotarget</i> , 2015 , 6, 13176-200	3.3	29
39	Genetic regulators of myelopoiesis and leukemic signaling identified by gene profiling and linear modeling. <i>Journal of Leukocyte Biology</i> , 2006 , 80, 433-47	6.5	28
38	Over-expression of cathepsin E and trefoil factor 1 in sessile serrated adenomas of the colorectum identified by gene expression analysis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2009 , 454, 291-302	5.1	26
37	Integration of microRNA signatures of distinct mammary epithelial cell types with their gene expression and epigenetic portraits. <i>Breast Cancer Research</i> , 2015 , 17, 85	8.3	24
36	Chromatinized protein kinase C- β directly regulates inducible genes in epithelial to mesenchymal transition and breast cancer stem cells. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2961-80	4.8	24
35	A novel mechanism of repression of the vascular endothelial growth factor promoter, by single strand DNA binding cold shock domain (Y-box) proteins in normoxic fibroblasts. <i>Nucleic Acids Research</i> , 2002 , 30, 4845-54	20.1	24

34	Sequence of a cloned 523-bp cDNA for thymosin beta 4. <i>Archives of Biochemistry and Biophysics</i> , 1985 , 236, 445-7	4.1	22
33	miR-222 isoforms are differentially regulated by type-I interferon. <i>Rna</i> , 2018 , 24, 332-341	5.8	21
32	Pyruvate carboxylase: mechanisms of the partial reactions. <i>Annals of the New York Academy of Sciences</i> , 1985 , 447, 169-88	6.5	21
31	Identifying direct miRNA-mRNA causal regulatory relationships in heterogeneous data. <i>Journal of Biomedical Informatics</i> , 2014 , 52, 438-47	10.2	19
30	Attenuation of leakiness in doxycycline-inducible expression via incorporation of 3TAU-rich mRNA destabilizing elements. <i>BioTechniques</i> , 2008 , 45, 155-6, 158, 160 passim	2.5	19
29	Identification of an enhancer that increases miR-200b~200a~429 gene expression in breast cancer cells. <i>PLoS ONE</i> , 2013 , 8, e75517	3.7	18
28	Inferring condition-specific miRNA activity from matched miRNA and mRNA expression data. <i>Bioinformatics</i> , 2014 , 30, 3070-7	7.2	17
27	FOXP3 and miR-155 cooperate to control the invasive potential of human breast cancer cells by down regulating ZEB2 independently of ZEB1. <i>Oncotarget</i> , 2018 , 9, 27708-27727	3.3	14
26	A Highly Efficient Strategy for Overexpressing circRNAs. <i>Methods in Molecular Biology</i> , 2018 , 1724, 97-105	4	12
25	Cytokine receptor genes: structure, chromosomal location, and involvement in human disease. <i>Leukemia and Lymphoma</i> , 1995 , 18, 373-83	1.9	12
24	Regulation of splicing and circularisation of RNA in epithelial mesenchymal plasticity. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 75, 50-60	7.5	12
23	CBNA: A control theory based method for identifying coding and non-coding cancer drivers. <i>PLoS Computational Biology</i> , 2019 , 15, e1007538	5	11
22	miRNA length variation during macrophage stimulation confounds the interpretation of results: implications for miRNA quantification by RT-qPCR. <i>Rna</i> , 2019 , 25, 232-238	5.8	10
21	Post-transcriptional Gene Regulation by MicroRNA-194 Promotes Neuroendocrine Transdifferentiation in Prostate Cancer. <i>Cell Reports</i> , 2021 , 34, 108585	10.6	10
20	Sheep Liver Propionyl-CoA Carboxylase: Purification and Some Molecular Properties. <i>Annals of the New York Academy of Sciences</i> , 1985 , 447, 396-397	6.5	9
19	MicroRNA-143-3p targets pyruvate carboxylase expression and controls proliferation and migration of MDA-MB-231 cells. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 677, 108169	4.1	8
18	A microRNA that limits metastatic colonisation and endothelial recruitment. <i>EMBO Journal</i> , 2012 , 31, 786-7	13	7
17	A novel single-cell based method for breast cancer prognosis. <i>PLoS Computational Biology</i> , 2020 , 16, e1008133	5	7

16	Prothymosin alpha and alpha 1-like peptides. <i>Methods in Enzymology</i> , 1985 , 116, 255-65	1.7	5
15	Insufficiently complex unique-molecular identifiers (UMIs) distort small RNA sequencing. <i>Scientific Reports</i> , 2020 , 10, 14593	4.9	5
14	Phosphorylation of PKC β by FER tips the balance from EGFR degradation to recycling. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	5
13	Stathmin levels alter PTPN14 expression and impact neuroblastoma cell migration. <i>British Journal of Cancer</i> , 2020 , 122, 434-444	8.7	4
12	Extensive transcriptional responses are co-ordinated by microRNAs as revealed by Exon-Intron Split Analysis (EISA). <i>Nucleic Acids Research</i> , 2019 , 47, 8606-8619	20.1	3
11	DriverGroup: a novel method for identifying driver gene groups. <i>Bioinformatics</i> , 2020 , 36, i583-i591	7.2	3
10	Computational methods for cancer driver discovery: A survey. <i>Theranostics</i> , 2021 , 11, 5553-5568	12.1	3
9	The many regulators of epithelial-mesenchymal transition. <i>Nature Reviews Molecular Cell Biology</i> , 2021 ,	48.7	3
8	capCLIP: a new tool to probe protein synthesis in human cells through capture and identification of the eIF4E-mRNA interactome		2
7	pDriver : A novel method for unravelling personalised coding and miRNA cancer drivers. <i>Bioinformatics</i> , 2021 ,	7.2	2
6	capCLIP: a new tool to probe translational control in human cells through capture and identification of the eIF4E-mRNA interactome. <i>Nucleic Acids Research</i> , 2021 , 49, e105	20.1	2
5	A Gene-Derived Circular RNA Is Highly Expressed in Luminal Mammary Tumours and Is Involved in the Epithelial Differentiation, Growth, and Motility of Breast Cancer Cells. <i>Cancers</i> , 2021 , 13,	6.6	1
4	Post-transcriptional control of EMT is coordinated through combinatorial targeting by multiple microRNAs		1
3	The Quaking RNA-binding proteins as regulators of cell differentiation.. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022 , e1724	9.3	0
2	The Dose-Dependent Effects of MicroRNA-155 in Acute Myeloid Leukemia. <i>Blood</i> , 2016 , 128, 2841-2841	2.2	
1	Identification of Novel MYB Target Genes. <i>Blood</i> , 2008 , 112, 3580-3580	2.2	