

# George W Bell

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

23,473  
citations

218677

26  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

38350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting effective microRNA target sites in mammalian mRNAs. <i>ELife</i> , 2015, 4, .	6.0	5,779
2	Mesenchymal stem cells within tumour stroma promote breast cancer metastasis. <i>Nature</i> , 2007, 449, 557-563.	27.8	2,874
3	Polycomb complexes repress developmental regulators in murine embryonic stem cells. <i>Nature</i> , 2006, 441, 349-353.	27.8	2,273
4	An embryonic stem cell-like gene expression signature in poorly differentiated aggressive human tumors. <i>Nature Genetics</i> , 2008, 40, 499-507.	21.4	2,218
5	Control of Developmental Regulators by Polycomb in Human Embryonic Stem Cells. <i>Cell</i> , 2006, 125, 301-313.	28.9	2,059
6	Genome-wide Map of Nucleosome Acetylation and Methylation in Yeast. <i>Cell</i> , 2005, 122, 517-527.	28.9	1,242
7	Control of Pancreas and Liver Gene Expression by HNF Transcription Factors. <i>Science</i> , 2004, 303, 1378-1381.	12.6	1,202
8	Reduced representation bisulfite sequencing for comparative high-resolution DNA methylation analysis. <i>Nucleic Acids Research</i> , 2005, 33, 5868-5877.	14.5	1,050
9	Weak seed-pairing stability and high target-site abundance decrease the proficiency of <i>Isy-6</i> and other microRNAs. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1139-1146.	8.2	803
10	HSF1 Drives a Transcriptional Program Distinct from Heat Shock to Support Highly Malignant Human Cancers. <i>Cell</i> , 2012, 150, 549-562.	28.9	602
11	High-fat diet enhances stemness and tumorigenicity of intestinal progenitors. <i>Nature</i> , 2016, 531, 53-58.	27.8	602
12	Growth-Inhibitory and Tumor-Suppressive Functions of p53 Depend on Its Repression of CD44 Expression. <i>Cell</i> , 2008, 134, 62-73.	28.9	381
13	Short RNAs Are Transcribed from Repressed Polycomb Target Genes and Interact with Polycomb Repressive Complex-2. <i>Molecular Cell</i> , 2010, 38, 675-688.	9.7	338
14	Extensive alternative polyadenylation during zebrafish development. <i>Genome Research</i> , 2012, 22, 2054-2066.	5.5	305
15	Transformation of Different Human Breast Epithelial Cell Types Leads to Distinct Tumor Phenotypes. <i>Cancer Cell</i> , 2007, 12, 160-170.	16.8	281
16	Fasting Activates Fatty Acid Oxidation to Enhance Intestinal Stem Cell Function during Homeostasis and Aging. <i>Cell Stem Cell</i> , 2018, 22, 769-778.e4.	11.1	266
17	A molecular wound response program associated with regeneration initiation in planarians. <i>Genes and Development</i> , 2012, 26, 988-1002.	5.9	212
18	Critical role for lysyl oxidase in mesenchymal stem cell-driven breast cancer malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17460-17465.	7.1	188

#	ARTICLE	IF	CITATIONS
19	MSC-Regulated MicroRNAs Converge on the Transcription Factor FOXP2 and Promote Breast Cancer Metastasis. <i>Cell Stem Cell</i> , 2014, 15, 762-774.	11.1	155
20	A regulatory program for excretory system regeneration in planarians. <i>Development (Cambridge)</i> , 2011, 138, 4387-4398.	2.5	139
21	Deletion of the de novo DNA methyltransferase <i>Dnmt3a</i> promotes lung tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18061-18066.	7.1	121
22	Developmental control of gene copy number by repression of replication initiation and fork progression. <i>Genome Research</i> , 2012, 22, 64-75.	5.5	87
23	Zebrafish promoter microarrays identify actively transcribed embryonic genes. <i>Genome Biology</i> , 2006, 7, R71.	9.6	80
24	Folate Deficiency Induces Genomic Uracil Misincorporation and Hypomethylation But Does Not Increase DNA Point Mutations. <i>Gastroenterology</i> , 2009, 136, 227-235.e3.	1.3	80
25	Genes methylated by DNA methyltransferase 3b are similar in mouse intestine and human colon cancer. <i>Journal of Clinical Investigation</i> , 2011, 121, 1748-1752.	8.2	64
26	Fundamental differences in endoreplication in mammals and <i>Drosophila</i> revealed by analysis of endocycling and endomitotic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9368-9373.	7.1	57
27	Dynamic changes in ORC localization and replication fork progression during tissue differentiation. <i>BMC Genomics</i> , 2018, 19, 623.	2.8	9
28	Resources for Small Regulatory RNAs. <i>Current Protocols in Molecular Biology</i> , 2014, 107, 19.8.1-14.	2.9	2