

# Joshua J Waterfall

## 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.

39  
papers

4,509  
citations

20  
h-index

51  
g-index

51  
ext. papers

5,439  
ext. citations

14.9  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
39	Nascent RNA sequencing reveals widespread pausing and divergent initiation at human promoters. <i>Science</i> , <b>2008</b> , 322, 1845-8	33.3	1441
38	Universally sloppy parameter sensitivities in systems biology models. <i>PLoS Computational Biology</i> , <b>2007</b> , 3, 1871-78	5	774
37	A rapid, extensive, and transient transcriptional response to estrogen signaling in breast cancer cells. <i>Cell</i> , <b>2011</b> , 145, 622-34	56.2	377
36	Regulating RNA polymerase pausing and transcription elongation in embryonic stem cells. <i>Genes and Development</i> , <b>2011</b> , 25, 742-54	12.6	243
35	Succinate dehydrogenase mutation underlies global epigenomic divergence in gastrointestinal stromal tumor. <i>Cancer Discovery</i> , <b>2013</b> , 3, 648-57	24.4	228
34	Common Molecular Subtypes Among Asian Hepatocellular Carcinoma and Cholangiocarcinoma. <i>Cancer Cell</i> , <b>2017</b> , 32, 57-70.e3	24.3	185
33	High prevalence of MAP2K1 mutations in variant and IGHV4-34-expressing hairy-cell leukemias. <i>Nature Genetics</i> , <b>2014</b> , 46, 8-10	36.3	183
32	Defining the status of RNA polymerase at promoters. <i>Cell Reports</i> , <b>2012</b> , 2, 1025-35	10.6	163
31	Point Mutations in Exon 1B of APC Reveal Gastric Adenocarcinoma and Proximal Polyposis of the Stomach as a Familial Adenomatous Polyposis Variant. <i>American Journal of Human Genetics</i> , <b>2016</b> , 98, 830-842	11	153
30	Recurrent epimutation of SDHC in gastrointestinal stromal tumors. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 268ra177	17.5	129
29	The epigenetic control of stemness in CD8 T cell fate commitment. <i>Science</i> , <b>2018</b> , 359, 177-186	33.3	111
28	Sloppy-model universality class and the Vandermonde matrix. <i>Physical Review Letters</i> , <b>2006</b> , 97, 150601	7.4	82
27	Transcriptional activation by the thyroid hormone receptor through ligand-dependent receptor recruitment and chromatin remodelling. <i>Nature Communications</i> , <b>2015</b> , 6, 7048	17.4	77
26	Clonally Expanded T Cells Reveal Immunogenicity of Rhabdoid Tumors. <i>Cancer Cell</i> , <b>2019</b> , 36, 597-612.e8	24.3	52
25	Harnessing synthetic lethality to predict the response to cancer treatment. <i>Nature Communications</i> , <b>2018</b> , 9, 2546	17.4	44
24	Imprints and DPPA3 are bypassed during pluripotency- and differentiation-coupled methylation reprogramming in testicular germ cell tumors. <i>Genome Research</i> , <b>2016</b> , 26, 1490-1504	9.7	35
23	Extracting falsifiable predictions from sloppy models. <i>Annals of the New York Academy of Sciences</i> , <b>2007</b> , 1115, 203-11	6.5	34

22	Evolutionary Routes in Metastatic Uveal Melanomas Depend on Alterations. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 5513-5524	12.9	31
21	The role of mutation of metabolism-related genes in genomic hypermethylation. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 455, 16-23	3.4	20
20	Contribution of resident and circulating precursors to tumor-infiltrating CD8 T cell populations in lung cancer. <i>Science Immunology</i> , <b>2021</b> , 6,	28	20
19	Rapid and reversible suppression of ALT by DAXX in osteosarcoma cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 4544	4.9	19
18	Whole Genome Sequencing of Newly Established Pancreatic Cancer Lines Identifies Novel Somatic Mutation (c.2587G>A) in Axon Guidance Receptor Plexin A1 as Enhancer of Proliferation and Invasion. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149833	3.7	17
17	Recurrent PTPRT/JAK2 mutations in lung adenocarcinoma among African Americans. <i>Nature Communications</i> , <b>2019</b> , 10, 5735	17.4	15
16	Does ATRX germline variation predispose to osteosarcoma? Three additional cases of osteosarcoma in two ATR-X syndrome patients. <i>European Journal of Human Genetics</i> , <b>2018</b> , 26, 1217-1221	5.3	14
15	A methyl-deviator epigenotype of estrogen receptor-positive breast carcinoma is associated with malignant biology. <i>American Journal of Pathology</i> , <b>2011</b> , 179, 55-65	5.8	13
14	Overlapping ETS and CRE Motifs ((G/C)CGGAAGTGACGTCA) preferentially bound by GABP and CREB proteins. <i>G3: Genes, Genomes, Genetics</i> , <b>2012</b> , 2, 1243-56	3.2	9
13	Splicing Patterns in -Mutated Uveal Melanoma Generate Shared Immunogenic Tumor-Specific Neoepitopes. <i>Cancer Discovery</i> , <b>2021</b> , 11, 1938-1951	24.4	9
12	Variational method for estimating the rate of convergence of Markov-chain Monte Carlo algorithms. <i>Physical Review E</i> , <b>2008</b> , 78, 046704	2.4	7
11	Targeting epigenetic misregulation in synovial sarcoma. <i>Cancer Cell</i> , <b>2012</b> , 21, 323-4	24.3	4
10	Analysis of the 9p21.3 sequence associated with coronary artery disease reveals a tendency for duplication in a CAD patient. <i>Oncotarget</i> , <b>2018</b> , 9, 15275-15291	3.3	4
9	Avalanching mutations in biallelic mismatch repair deficiency syndrome. <i>Nature Genetics</i> , <b>2015</b> , 47, 194-6	6.3	3
8	Genetic alterations of SUGP1 mimic mutant-SF3B1 splice pattern in lung adenocarcinoma and other cancers. <i>Oncogene</i> , <b>2021</b> , 40, 85-96	9.2	3
7	Universally Sloppy Parameter Sensitivities in Systems Biology Models. <i>PLoS Computational Biology</i> , <b>2005</b> , preprint, e189	5	2
6	Immune responses in genomically simple SWI/SNF-deficient cancers. <i>Cancer</i> , <b>2021</b> , 127, 172-180	6.4	2
5	A Non-canonical Polycomb Dependency in Synovial Sarcoma. <i>Cancer Cell</i> , <b>2018</b> , 33, 344-346	24.3	1

4	Building through breaking: the development of cancer neochromosomes. <i>Cancer Cell</i> , <b>2014</b> , 26, 593-5	24.3	1
3	1q21.1 deletion and a rare functional polymorphism in siblings with thrombocytopenia-absent radius-like phenotypes. <i>Journal of Physical Education and Sports Management</i> , <b>2019</b> , 5,	2.8	1
2	Identification of Tissue of Origin and Guided Therapeutic Applications in Cancers of Unknown Primary Using Deep Learning and RNA Sequencing (TransCUPtomics). <i>Journal of Molecular Diagnostics</i> , <b>2021</b> , 23, 1380-1392	5.1	1
1	Massively-Parallel Sequencing Of Nascent RNA Sequencing Reveals Widespread Pausing And Divergent Initiation From Mammalian Promoters. <i>FASEB Journal</i> , <b>2009</b> , 23, 316.1	0.9	