Joshua J Waterfall

List of Publications by Year in Descending Order

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	Splicing Patterns in -Mutated Uveal Melanoma Generate Shared Immunogenic Tumor-Specific Neoepitopes. *Cancer Discovery*, **2021**, 11, 1938-1951	24.4	9
38	Immune responses in genomically simple SWI/SNF-deficient cancers. *Cancer*, **2021**, 127, 172-180	6.4	2
37	Genetic alterations of SUGP1 mimic mutant-SF3B1 splice pattern in lung adenocarcinoma and other cancers. *Oncogene*, **2021**, 40, 85-96	9.2	3
36	Identification of Tissue of Origin and Guided Therapeutic Applications in Cancers of Unknown Primary Using Deep Learning and RNA Sequencing (TransCUPtomics). *Journal of Molecular Diagnostics*, **2021**, 23, 1380-1392	5.1	1
35	Contribution of resident and circulating precursors to tumor-infiltrating CD8 T cell populations in lung cancer. *Science Immunology*, **2021**, 6,	28	20
34	Evolutionary Routes in Metastatic Uveal Melanomas Depend on Alterations. *Clinical Cancer Research*, **2019**, 25, 5513-5524	12.9	31
33	Rapid and reversible suppression of ALT by DAXX in osteosarcoma cells. *Scientific Reports*, **2019**, 9, 4544	4.9	19
32	Clonally Expanded T Cells Reveal Immunogenicity of Rhabdoid Tumors. *Cancer Cell*, **2019**, 36, 597-612.e8	24.3	52
31	1q21.1 deletion and a rare functional polymorphism in siblings with thrombocytopenia-absent radius-like phenotypes. *Journal of Physical Education and Sports Management*, **2019**, 5,	2.8	1
30	Recurrent PTPRT/JAK2 mutations in lung adenocarcinoma among African Americans. *Nature Communications*, **2019**, 10, 5735	17.4	15
29	The epigenetic control of stemness in CD8 T cell fate commitment. *Science*, **2018**, 359, 177-186	33.3	111
28	Does ATRX germline variation predispose to osteosarcoma? Three additional cases of osteosarcoma in two ATR-X syndrome patients. *European Journal of Human Genetics*, **2018**, 26, 1217-1221	5.3	14
27	A Non-canonical Polycomb Dependency in Synovial Sarcoma. *Cancer Cell*, **2018**, 33, 344-346	24.3	1
26	Harnessing synthetic lethality to predict the response to cancer treatment. *Nature Communications*, **2018**, 9, 2546	17.4	44
25	Analysis of the 9p21.3 sequence associated with coronary artery disease reveals a tendency for duplication in a CAD patient. *Oncotarget*, **2018**, 9, 15275-15291	3.3	4
24	Common Molecular Subtypes Among Asian Hepatocellular Carcinoma and Cholangiocarcinoma. *Cancer Cell*, **2017**, 32, 57-70.e3	24.3	185
23	Imprints and DPPA3 are bypassed during pluripotency- and differentiation-coupled methylation reprogramming in testicular germ cell tumors. *Genome Research*, **2016**, 26, 1490-1504	9.7	35

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22	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. *PLoS ONE*, **2016**, 11, e0149833	3.7	17
21	Point Mutations in Exon 1B of APC Reveal Gastric Adenocarcinoma and Proximal Polyposis of the Stomach as a Familial Adenomatous Polyposis Variant. *American Journal of Human Genetics*, **2016**, 98, 830-842	11	153
20	Avalanching mutations in biallelic mismatch repair deficiency syndrome. *Nature Genetics*, **2015**, 47, 194-6	36.3	3
19	Transcriptional activation by the thyroid hormone receptor through ligand-dependent receptor recruitment and chromatin remodelling. *Nature Communications*, **2015**, 6, 7048	17.4	77
18	High prevalence of MAP2K1 mutations in variant and IGHV4-34-expressing hairy-cell leukemias. *Nature Genetics*, **2014**, 46, 8-10	36.3	183
17	Building through breaking: the development of cancer neochromosomes. *Cancer Cell*, **2014**, 26, 593-5	24.3	1
16	The role of mutation of metabolism-related genes in genomic hypermethylation. *Biochemical and Biophysical Research Communications*, **2014**, 455, 16-23	3.4	20
15	Recurrent epimutation of SDHC in gastrointestinal stromal tumors. *Science Translational Medicine*, **2014**, 6, 268ra177	17.5	129
14	Succinate dehydrogenase mutation underlies global epigenomic divergence in gastrointestinal stromal tumor. *Cancer Discovery*, **2013**, 3, 648-57	24.4	228
13	Defining the status of RNA polymerase at promoters. *Cell Reports*, **2012**, 2, 1025-35	10.6	163
12	Targeting epigenetic misregulation in synovial sarcoma. *Cancer Cell*, **2012**, 21, 323-4	24.3	4
11	Overlapping ETS and CRE Motifs ((G/C)CGGAAGTGACGTCA) preferentially bound by GABPα and CREB proteins. *G3: Genes, Genomes, Genetics*, **2012**, 2, 1243-56	3.2	9
10	A methyl-deviator epigenotype of estrogen receptor-positive breast carcinoma is associated with malignant biology. *American Journal of Pathology*, **2011**, 179, 55-65	5.8	13
9	A rapid, extensive, and transient transcriptional response to estrogen signaling in breast cancer cells. *Cell*, **2011**, 145, 622-34	56.2	377
8	Regulating RNA polymerase pausing and transcription elongation in embryonic stem cells. *Genes and Development*, **2011**, 25, 742-54	12.6	243
7	Massively-Parallel Sequencing Of Nascent RNA Sequencing Reveals Widespread Pausing And Divergent Initiation From Mammalian Promoters. *FASEB Journal*, **2009**, 23, 316.1	0.9	
6	Variational method for estimating the rate of convergence of Markov-chain Monte Carlo algorithms. *Physical Review E*, **2008**, 78, 046704	2.4	7
5	Nascent RNA sequencing reveals widespread pausing and divergent initiation at human promoters. *Science*, **2008**, 322, 1845-8	33.3	1441

4	Extracting falsifiable predictions from sloppy models. *Annals of the New York Academy of Sciences*, **2007**, 1115, 203-11	6.5	34
3	Universally sloppy parameter sensitivities in systems biology models. *PLoS Computational Biology*, **2007**, 3, 1871-78	5	774
2	Sloppy-model universality class and the Vandermonde matrix. *Physical Review Letters*, **2006**, 97, 150601	7.4	82
1	Universally Sloppy Parameter Sensitivities in Systems Biology Models. *PLoS Computational Biology*, **2005**, preprint, e189	5	2