

Tyra G Wolfsberg

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.

72
papers

11,299
citations

34
h-index

78
g-index

78
ext. papers

12,654
ext. citations

11
avg, IF

6.04
L-index

#	Paper	IF	Citations
72	The ENCODE (ENCyclopedia Of DNA Elements) Project. <i>Science</i> , 2004 , 306, 636-40	33.3	1692
71	A genome-wide transcriptional analysis of the mitotic cell cycle. <i>Molecular Cell</i> , 1998 , 2, 65-73	17.6	1659
70	Multicenter analysis of glucocerebrosidase mutations in Parkinson's disease. <i>New England Journal of Medicine</i> , 2009 , 361, 1651-61	59.2	1351
69	A diversity profile of the human skin microbiota. <i>Genome Research</i> , 2008 , 18, 1043-50	9.7	665
68	A potential fusion peptide and an integrin ligand domain in a protein active in sperm-egg fusion. <i>Nature</i> , 1992 , 356, 248-52	50.4	652
67	Virus-cell and cell-cell fusion. <i>Annual Review of Cell and Developmental Biology</i> , 1996 , 12, 627-61	12.6	500
66	Short interfering RNAs can induce unexpected and divergent changes in the levels of untargeted proteins in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1892-7	11.5	488
65	The genome of the ctenophore <i>Mnemiopsis leidyi</i> and its implications for cell type evolution. <i>Science</i> , 2013 , 342, 1242592	33.3	466
64	ADAM, a novel family of membrane proteins containing A Disintegrin And Metalloprotease domain: multipotential functions in cell-cell and cell-matrix interactions. <i>Journal of Cell Biology</i> , 1995 , 131, 275-87	7.3	442
63	ADAM, a widely distributed and developmentally regulated gene family encoding membrane proteins with a disintegrin and metalloprotease domain. <i>Developmental Biology</i> , 1995 , 169, 378-83	3.1	365
62	Genome-wide mapping of DNase hypersensitive sites using massively parallel signature sequencing (MPSS). <i>Genome Research</i> , 2006 , 16, 123-31	9.7	363
61	A multicenter study of glucocerebrosidase mutations in dementia with Lewy bodies. <i>JAMA Neurology</i> , 2013 , 70, 727-35	17.2	285
60	ADAMs in fertilization and development. <i>Developmental Biology</i> , 1996 , 180, 389-401	3.1	229
59	Distinct genomic integration of MLV and SIV vectors in primate hematopoietic stem and progenitor cells. <i>PLoS Biology</i> , 2004 , 2, e423	9.7	213
58	DNase-chip: a high-resolution method to identify DNase I hypersensitive sites using tiled microarrays. <i>Nature Methods</i> , 2006 , 3, 503-9	21.6	188
57	The precursor region of a protein active in sperm-egg fusion contains a metalloprotease and a disintegrin domain: structural, functional, and evolutionary implications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 10783-7	11.5	159
56	Identifying gene regulatory elements by genome-wide recovery of DNase hypersensitive sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 992-7	11.5	150

55	A comparison of expressed sequence tags (ESTs) to human genomic sequences. <i>Nucleic Acids Research</i> , 1997 , 25, 1626-32	20.1	105
54	ADAM 13: a novel ADAM expressed in somitic mesoderm and neural crest cells during <i>Xenopus laevis</i> development. <i>Developmental Biology</i> , 1997 , 182, 314-30	3.1	99
53	Identification of neural crest and glial enhancers at the mouse Sox10 locus through transgenesis in zebrafish. <i>PLoS Genetics</i> , 2008 , 4, e1000174	6	89
52	A large-scale zebrafish gene knockout resource for the genome-wide study of gene function. <i>Genome Research</i> , 2013 , 23, 727-35	9.7	84
51	DNA methylation profiles in diffuse large B-cell lymphoma and their relationship to gene expression status. <i>Leukemia</i> , 2008 , 22, 1035-43	10.7	78
50	Clinical genomic database. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 9851-5	11.5	75
49	MLV integration site selection is driven by strong enhancers and active promoters. <i>Nucleic Acids Research</i> , 2014 , 42, 4257-69	20.1	74
48	The stat3/socs3a pathway is a key regulator of hair cell regeneration in zebrafish. [corrected]. <i>Journal of Neuroscience</i> , 2012 , 32, 10662-73	6.6	72
47	De novo assembly of the goldfish () genome and the evolution of genes after whole-genome duplication. <i>Science Advances</i> , 2019 , 5, eaav0547	14.3	66
46	Predisposition to cancer caused by genetic and functional defects of mammalian Atad5. <i>PLoS Genetics</i> , 2011 , 7, e1002245	6	55
45	Global regulation by the yeast Spt10 protein is mediated through chromatin structure and the histone upstream activating sequence elements. <i>Molecular and Cellular Biology</i> , 2005 , 25, 9127-37	4.8	50
44	Matriptase-deficient mice exhibit ichthyotic skin with a selective shift in skin microbiota. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 2435-42	4.3	49
43	Sustained high-level polyclonal hematopoietic marking and transgene expression 4 years after autologous transplantation of rhesus macaques with SIV lentiviral vector-transduced CD34+ cells. <i>Blood</i> , 2009 , 113, 5434-43	2.2	43
42	Gpnmb is a melanoblast-expressed, MITF-dependent gene. <i>Pigment Cell and Melanoma Research</i> , 2009 , 22, 99-110	4.5	42
41	Guide to the draft human genome. <i>Nature</i> , 2001 , 409, 824-6	50.4	39
40	Candidate Regulatory Sequence Elements for Cell Cycle-Dependent Transcription in <i>Saccharomyces cerevisiae</i> . <i>Genome Research</i> , 1999 , 9, 775-792	9.7	36
39	Reduced genotoxicity of avian sarcoma leukosis virus vectors in rhesus long-term repopulating cells compared to standard murine retrovirus vectors. <i>Molecular Therapy</i> , 2008 , 16, 1617-23	11.7	34
38	CRISPRz: a database of zebrafish validated sgRNAs. <i>Nucleic Acids Research</i> , 2016 , 44, D822-6	20.1	32

37	No evidence for clonal selection due to lentiviral integration sites in human induced pluripotent stem cells. <i>Stem Cells</i> , 2010 , 28, 687-94	5.8	32
36	Mapping Complex Traits in a Diversity Outbred F1 Mouse Population Identifies Germline Modifiers of Metastasis in Human Prostate Cancer. <i>Cell Systems</i> , 2017 , 4, 31-45.e6	10.6	31
35	High-efficiency transduction of rhesus hematopoietic repopulating cells by a modified HIV1-based lentiviral vector. <i>Molecular Therapy</i> , 2012 , 20, 1882-92	11.7	30
34	The Zebrafish Insertion Collection (ZInC): a web based, searchable collection of zebrafish mutations generated by DNA insertion. <i>Nucleic Acids Research</i> , 2013 , 41, D861-4	20.1	25
33	Organelle genome resource at NCBI. <i>Trends in Biochemical Sciences</i> , 2001 , 26, 199-203	10.3	23
32	A customized Web portal for the genome of the ctenophore <i>Mnemiopsis leidyi</i> . <i>BMC Genomics</i> , 2014 , 15, 316	4.5	15
31	Using the NCBI map viewer to browse genomic sequence data. <i>Current Protocols in Bioinformatics</i> , 2010 , Chapter 1, Unit 1.5.1-25	24.2	15
30	Using the NCBI Map Viewer to browse genomic sequence data. <i>Current Protocols in Human Genetics</i> , 2011 , Chapter 18, Unit 18.5	3.2	13
29	The ENCODEdb portal: simplified access to ENCODE Consortium data. <i>Genome Research</i> , 2007 , 17, 954-99.7		13
28	Mutational analysis of the tyrosine kinome in serous and clear cell endometrial cancer uncovers rare somatic mutations in <i>TNK2</i> and <i>DDR1</i> . <i>BMC Cancer</i> , 2014 , 14, 884	4.8	12
27	Analysis of Retroviral Vector Insertion Sites after T-Cell Directed Gene Therapy.. <i>Blood</i> , 2004 , 104, 289-289		9
26	Development and evaluation of new mask protocols for gene expression profiling in humans and chimpanzees. <i>BMC Bioinformatics</i> , 2009 , 10, 77	3.6	8
25	Multiple non-catalytic ADAMs are novel integrin β ligands. <i>Molecular and Cellular Biochemistry</i> , 2018 , 442, 29-38	4.2	7
24	Using the NCBI Map Viewer to browse genomic sequence data. <i>Current Protocols in Bioinformatics</i> , 2007 , Chapter 1, Unit 1.5	24.2	7
23	GeneLink: a database to facilitate genetic studies of complex traits. <i>BMC Genomics</i> , 2004 , 5, 81	4.5	7
22	A 2.5-year snapshot of Mendelian discovery. <i>Molecular Genetics & Genomic Medicine</i> , 2016 , 4, 392-4	2.3	7
21	A curated online resource for <i>SOX10</i> and pigment cell molecular genetic pathways. <i>Database: the Journal of Biological Databases and Curation</i> , 2010 , 2010, baq025	5	6
20	Sequence similarity searching using the BLAST family of programs. <i>Current Protocols in Molecular Biology</i> , 2001 , Chapter 19, Unit 19.3	2.9	6

19	Feline leukemia virus integrase and capsid packaging functions do not change the insertion profile of standard Moloney retroviral vectors. <i>Gene Therapy</i> , 2010 , 17, 799-804	4	5
18	Introduction to the ADAM Family 2005 , 1-28		4
17	Sequence similarity searching using the BLAST family of programs. <i>Current Protocols in Protein Science</i> , 2001 , Chapter 2, Unit2.5	3.1	4
16	Informatic and genomic analysis of melanocyte cDNA libraries as a resource for the study of melanocyte development and function. <i>Pigment Cell & Melanoma Research</i> , 2007 , 20, 201-9		3
15	trieFinder: an efficient program for annotating Digital Gene Expression (DGE) tags. <i>BMC Bioinformatics</i> , 2014 , 15, 329	3.6	2
14	Identifying putative promoter regions of Hermansky-Pudlak syndrome genes by means of phylogenetic footprinting. <i>Annals of Human Genetics</i> , 2009 , 73, 422-8	2.2	2
13	ADAM metalloproteinases 2004 , 709-714		1
12	Analysis of Viral Integration Sites in Human Induced Pluripotent Stem Cells.. <i>Blood</i> , 2009 , 114, 1485-1485.2		1
11	AniProtDB: A Collection of Consistently Generated Metazoan Proteomes for Comparative Genomics Studies. <i>Molecular Biology and Evolution</i> , 2021 , 38, 4628-4633	8.3	1
10	Perceptions of uncertainties about carrier results identified by exome sequencing in a randomized controlled trial. <i>Translational Behavioral Medicine</i> , 2020 , 10, 441-450	3.2	1
9	Distinctive Integration Profile of Avian Sarcoma Leukosis Virus Vectors in Rhesus Long-Term Repopulating Cells.. <i>Blood</i> , 2007 , 110, 198-198	2.2	0
8	Sequence Similarity Searching Using the BLAST Family of Programs. <i>Current Protocols in Human Genetics</i> , 2000 , 27, 6.8.1	3.2	
7	Web alert. Pattern formation and developmental mechanisms. <i>Current Opinion in Genetics and Development</i> , 2000 , 10, 345-6	4.9	
6	Web alert. Oncogenes and cell proliferation. <i>Current Opinion in Genetics and Development</i> , 2001 , 11, 9-10.4.9		
5	Chromosomes and expression mechanisms. Web alert. <i>Current Opinion in Genetics and Development</i> , 2001 , 11, 119	4.9	
4	Identification of motifs in protein sequences. <i>Current Protocols in Cell Biology</i> , 2001 , Appendix 1, Appendix 1C	2.3	
3	Genomes and evolution. Web alert. <i>Current Opinion in Genetics and Development</i> , 1999 , 9, 619	4.9	
2	A 200 kb Survey of Chromatin in the ANK-1 Locus Demonstrates an Erythroid-Specific Chromatin Hub That Activates the Erythrocyte Ankyrin (ANK-1E) Promoter.. <i>Blood</i> , 2006 , 108, 536-536	2.2	

- 1 High Transgene Expression Rates After Extended Follow up Among Rhesus Macaque Recipients of Autologous Hematopoietic Stem Cells Transduced with a Modified HIV1-Based Lentiviral Vector. *Blood*, **2011**, 118, 3118-3118 2.2