

Tyra G Wolfsberg

List of Publications by Year in descending order

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75
papers

13,642
citations

101543

36
h-index

102487

66
g-index

78
all docs

78
docs citations

78
times ranked

20330
citing authors

#	ARTICLE	IF	CITATIONS
1	The ENCODE (ENCyclopedia Of DNA Elements) Project. <i>Science</i> , 2004, 306, 636-640.	12.6	2,121
2	A Genome-Wide Transcriptional Analysis of the Mitotic Cell Cycle. <i>Molecular Cell</i> , 1998, 2, 65-73.	9.7	1,927
3	Multicenter Analysis of Glucocerebrosidase Mutations in Parkinson's Disease. <i>New England Journal of Medicine</i> , 2009, 361, 1651-1661.	27.0	1,747
4	A diversity profile of the human skin microbiota. <i>Genome Research</i> , 2008, 18, 1043-1050.	5.5	818
5	A potential fusion peptide and an integrin ligand domain in a protein active in sperm-egg fusion. <i>Nature</i> , 1992, 356, 248-252.	27.8	708
6	The Genome of the Ctenophore <i>Mnemiopsis leidyi</i> and Its Implications for Cell Type Evolution. <i>Science</i> , 2013, 342, 1242-1249.	12.6	570
7	VIRUS-CELL AND CELL-CELL FUSION. <i>Annual Review of Cell and Developmental Biology</i> , 1996, 12, 627-661.	9.4	561
8	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, 1892-1897.	7.1	543
9	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, 275-278.	5.2	484
10	Genome-wide mapping of DNase hypersensitive sites using massively parallel signature sequencing (MPSS). <i>Genome Research</i> , 2006, 16, 123-131.	5.5	431
11	ADAM, a Widely Distributed and Developmentally Regulated Gene Family Encoding Membrane Proteins with a Disintegrin and Metalloprotease Domain. <i>Developmental Biology</i> , 1995, 169, 378-383.	2.0	399
12	A Multicenter Study of Glucocerebrosidase Mutations in Dementia With Lewy Bodies. <i>JAMA Neurology</i> , 2013, 70, 727.	9.0	374
13	ADAMs in Fertilization and Development. <i>Developmental Biology</i> , 1996, 180, 389-401.	2.0	252
14	Distinct Genomic Integration of MLV and SIV Vectors in Primate Hematopoietic Stem and Progenitor Cells. <i>PLoS Biology</i> , 2004, 2, e423.	5.6	243
15	DNase-chip: a high-resolution method to identify DNase I hypersensitive sites using tiled microarrays. <i>Nature Methods</i> , 2006, 3, 503-509.	19.0	222
16	De novo assembly of the goldfish (<i>Carassius auratus</i>) genome and the evolution of genes after whole-genome duplication. <i>Science Advances</i> , 2019, 5, eaav0547.	10.3	182
17	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, 10783-10787.	7.1	173
18	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, 992-997.	7.1	166

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19	A Comparison of Expressed Sequence Tags (ESTs) to Human Genomic Sequences. <i>Nucleic Acids Research</i> , 1997, 25, 1626-1632.	14.5	113
20	Clinical Genomic Database. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9851-9855.	7.1	110
21	A large-scale zebrafish gene knockout resource for the genome-wide study of gene function. <i>Genome Research</i> , 2013, 23, 727-735.	5.5	105
22	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, 314-330.	2.0	102
23	Identification of Neural Crest and Glial Enhancers at the Mouse Sox10 Locus through Transgenesis in Zebrafish. <i>PLoS Genetics</i> , 2008, 4, e1000174.	3.5	99
24	The stat3/socs3a Pathway Is a Key Regulator of Hair Cell Regeneration in Zebrafish stat3/socs3a Pathway: Regulator of Hair Cell Regeneration. <i>Journal of Neuroscience</i> , 2012, 32, 10662-10673.	3.6	93
25	MLV integration site selection is driven by strong enhancers and active promoters. <i>Nucleic Acids Research</i> , 2014, 42, 4257-4269.	14.5	93
26	DNA methylation profiles in diffuse large B-cell lymphoma and their relationship to gene expression status. <i>Leukemia</i> , 2008, 22, 1035-1043.	7.2	83
27	Predisposition to Cancer Caused by Genetic and Functional Defects of Mammalian Atad5. <i>PLoS Genetics</i> , 2011, 7, e1002245.	3.5	73
28	Candidate Regulatory Sequence Elements for Cell Cycle-Dependent Transcription in <i>Saccharomyces cerevisiae</i> . <i>Genome Research</i> , 1999, 9, 775-792.	5.5	69
29	Matriptase-Deficient Mice Exhibit Ichthyotic Skin with a Selective Shift in Skin Microbiota. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2435-2442.	0.7	60
30	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, 9127-9137.	2.3	58
31	CRISPRz: a database of zebrafish validated sgRNAs. <i>Nucleic Acids Research</i> , 2016, 44, D822-D826.	14.5	53
32	Guide to the draft human genome. <i>Nature</i> , 2001, 409, 824-826.	27.8	52
33	<i>Gpnmb</i> is a melanoblast-expressed, MITF-dependent gene. <i>Pigment Cell and Melanoma Research</i> , 2009, 22, 99-110.	3.3	51
34	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, 5434-5443.	1.4	48
35	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.	6.2	44
36	Organelle genome resources at NCBI. <i>Trends in Biochemical Sciences</i> , 2001, 26, 199-203.	7.5	43

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37	No Evidence for Clonal Selection Due to Lentiviral Integration Sites in Human Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2010, 28, 687-694.	3.2	36
38	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, 1617-1623.	8.2	34
39	High-efficiency Transduction of Rhesus Hematopoietic Repopulating Cells by a Modified HIV1-based Lentiviral Vector. <i>Molecular Therapy</i> , 2012, 20, 1882-1892.	8.2	33
40	The Zebrafish Insertion Collection (ZInC): a web based, searchable collection of zebrafish mutations generated by DNA insertion. <i>Nucleic Acids Research</i> , 2012, 41, D861-D864.	14.5	29
41	A customized Web portal for the genome of the ctenophore <i>Mnemiopsis leidyi</i> . <i>BMC Genomics</i> , 2014, 15, 316.	2.8	28
42	Using the NCBI Map Viewer to Browse Genomic Sequence Data. <i>Current Protocols in Human Genetics</i> , 2011, 69, Unit18.5.	3.5	23
43	Using the NCBI Map Viewer to Browse Genomic Sequence Data. <i>Current Protocols in Bioinformatics</i> , 2010, 29, Unit 1.5.1-25.	25.8	19
44	Sequence Similarity Searching Using the BLAST Family of Programs. <i>Current Protocols in Protein Science</i> , 1999, 15, Unit2.5.	2.8	14
45	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.	2.6	14
46	The ENCODEdb portal: Simplified access to ENCODE Consortium data. <i>Genome Research</i> , 2007, 17, 954-959.	5.5	13
47	Multiple non-catalytic ADAMs are novel integrin $\alpha 4$ ligands. <i>Molecular and Cellular Biochemistry</i> , 2018, 442, 29-38.	3.1	10
48	Introduction to the ADAM Family. , 2005, , 1-28.		9
49	Using the NCBI Map Viewer to Browse Genomic Sequence Data. <i>Current Protocols in Bioinformatics</i> , 2006, 16, Unit 1.5.	25.8	9
50	Development and evaluation of new mask protocols for gene expression profiling in humans and chimpanzees. <i>BMC Bioinformatics</i> , 2009, 10, 77.	2.6	9
51	A 2.5-year snapshot of Mendelian discovery. <i>Molecular Genetics & Genomic Medicine</i> , 2016, 4, 392-394.	1.2	9
52	Analysis of Retroviral Vector Insertion Sites after T-Cell Directed Gene Therapy.. <i>Blood</i> , 2004, 104, 289-289.	1.4	9
53	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-baq025.	3.0	8
54	GeneLink: a database to facilitate genetic studies of complex traits. <i>BMC Genomics</i> , 2004, 5, 81.	2.8	7

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55	Sequence Similarity Searching Using the BLAST Family of Programs. Current Protocols in Molecular Biology, 1999, 46, Unit 19.3.	2.9	6
56	Feline leukemia virus integrase and capsid packaging functions do not change the insertion profile of standard Moloney retroviral vectors. Gene Therapy, 2010, 17, 799-804.	4.5	6
57	AniProtDB: A Collection of Consistently Generated Metazoan Proteomes for Comparative Genomics Studies. Molecular Biology and Evolution, 2021, 38, 4628-4633.	8.9	5
58	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.. Blood, 2006, 108, 536-536.	1.4	5
59	Informatic and genomic analysis of melanocyte cDNA libraries as a resource for the study of melanocyte development and function. Pigment Cell & Melanoma Research, 2007, 20, 201-209.	3.6	3
60	Identifying Putative Promoter Regions of Hermansky-Pudlak Syndrome Genes by Means of Phylogenetic Footprinting. Annals of Human Genetics, 2009, 73, 422-428.	0.8	2
61	trieFinder: an efficient program for annotating Digital Gene Expression (DGE) tags. BMC Bioinformatics, 2014, 15, 329.	2.6	2
62	Perceptions of uncertainties about carrier results identified by exome sequencing in a randomized controlled trial. Translational Behavioral Medicine, 2020, 10, 441-450.	2.4	2
63	ADAM metalloproteinases. , 2004, , 709-714.		2
64	Distinctive Integration Profile of Avian Sarcoma Leukosis Virus Vectors in Rhesus Long-Term Repopulating Cells.. Blood, 2007, 110, 198-198.	1.4	2
65	Genomes and evolution. Current Opinion in Genetics and Development, 1999, 9, 619-620.	3.3	1
66	Analysis of Viral Integration Sites in Human Induced Pluripotent Stem Cells.. Blood, 2009, 114, 1485-1485.	1.4	1
67	Identification of Motifs in Protein Sequences. Current Protocols in Cell Biology, 1998, 00, Appendix 1C.	2.3	0
68	Sequence Similarity Searching Using the BLAST Family of Programs. Current Protocols in Human Genetics, 2000, 27, 6.8.1.	3.5	0
69	Pattern formation and developmental mechanisms. Current Opinion in Genetics and Development, 2000, 10, 345-346.	3.3	0
70	Differentiation and gene regulation. Current Opinion in Genetics and Development, 2000, 10, 467.	3.3	0
71	Oncogenes and cell proliferation. Current Opinion in Genetics and Development, 2001, 11, 9-10.	3.3	0
72	Chromosomes and expression mechanisms. Current Opinion in Genetics and Development, 2001, 11, 119.	3.3	0

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73	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.	1.4	0
74	Abstract 3420: A survival-associated polymorphism within metastasis suppressor RRP1B directs RRP1B-chromatin interactions and self-regulation of gene expression. , 2012, , .		0
75	Abstract 3423: RRP1B, a novel metastasis suppressor, interacts with mRNA splicing factors and regulates alternative mRNA splicing. , 2012, , .		0