

Susan Tweedie

List of Publications by Year in descending order

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53
papers

13,461
citations

109321

35
h-index

161849

54
g-index

55
all docs

55
docs citations

55
times ranked

25812
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Expression Cloning of Nanog, a Pluripotency Sustaining Factor in Embryonic Stem Cells. <i>Cell</i> , 2003, 113, 643-655.	28.9	2,933
2	Gene Ontology Consortium: going forward. <i>Nucleic Acids Research</i> , 2015, 43, D1049-D1056.	14.5	2,743
3	Expansion of the Gene Ontology knowledgebase and resources. <i>Nucleic Acids Research</i> , 2017, 45, D331-D338.	14.5	1,838
4	FlyBase: enhancing <i>Drosophila</i> Gene Ontology annotations. <i>Nucleic Acids Research</i> , 2009, 37, D555-D559.	14.5	648
5	Gene Ontology Annotations and Resources. <i>Nucleic Acids Research</i> , 2012, 41, D530-D535.	14.5	456
6	The Gene Ontology in 2010: extensions and refinements. <i>Nucleic Acids Research</i> , 2010, 38, D331-D335.	14.5	450
7	The methyl-CpG binding domain and the evolving role of DNA methylation in animals. <i>Trends in Genetics</i> , 2003, 19, 269-277.	6.7	348
8	FlyBase 101 - the basics of navigating FlyBase. <i>Nucleic Acids Research</i> , 2012, 40, D706-D714.	14.5	337
9	Genenames.org: the HGNC and VGNC resources in 2017. <i>Nucleic Acids Research</i> , 2017, 45, D619-D625.	14.5	308
10	Genenames.org: the HGNC and VGNC resources in 2019. <i>Nucleic Acids Research</i> , 2019, 47, D786-D792.	14.5	292
11	Genenames.org: the HGNC and VGNC resources in 2021. <i>Nucleic Acids Research</i> , 2021, 49, D939-D946.	14.5	272
12	Screening for mammalian neural genes via fluorescence-activated cell sorter purification of neural precursors from <i>Sox1</i> - <i>gfp</i> knock-in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11836-11841.	7.1	228
13	Methylation of Genomes and Genes at the Invertebrate-Vertebrate Boundary. <i>Molecular and Cellular Biology</i> , 1997, 17, 1469-1475.	2.3	225
14	Selenoprotein Gene Nomenclature. <i>Journal of Biological Chemistry</i> , 2016, 291, 24036-24040.	3.4	207
15	FlyBase: improvements to the bibliography. <i>Nucleic Acids Research</i> , 2012, 41, D751-D757.	14.5	205
16	The Gene Ontology: enhancements for 2011. <i>Nucleic Acids Research</i> , 2012, 40, D559-D564.	14.5	191
17	The Gene Ontology's Reference Genome Project: A Unified Framework for Functional Annotation across Species. <i>PLoS Computational Biology</i> , 2009, 5, e1000431.	3.2	148
18	Guidelines for human gene nomenclature. <i>Nature Genetics</i> , 2020, 52, 754-758.	21.4	131

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19	Vestiges of a DNA methylation system in <i>Drosophila melanogaster</i> ?. <i>Nature Genetics</i> , 1999, 23, 389-390.	21.4	124
20	Molecular Genealogy of Some Nematode Taxa as Based on Cytochrome c and Globin Amino Acid Sequences. <i>Molecular Phylogenetics and Evolution</i> , 1994, 3, 92-101.	2.7	99
21	Remembrance of Things Past: Chromatin Remodeling in Plant Development. <i>Annual Review of Cell and Developmental Biology</i> , 2002, 18, 707-746.	9.4	87
22	The official unified nomenclature adopted by the HGNC calls for the use of the acronyms, CCN1 and CCN2, and discontinuation in the use of CYR61, CTGF, NOV and WISP 1-3 respectively. <i>Journal of Cell Communication and Signaling</i> , 2018, 12, 625-629.	3.4	73
23	FlyTF: improved annotation and enhanced functionality of the <i>Drosophila</i> transcription factor database. <i>Nucleic Acids Research</i> , 2010, 38, D443-D447.	14.5	70
24	A review of the new HGNC gene family resource. <i>Human Genomics</i> , 2016, 10, 6.	2.9	68
25	dSIR2 and dHDAC6: Two Novel, Inhibitor-Resistant Deacetylases in <i>Drosophila melanogaster</i> . <i>Experimental Cell Research</i> , 2001, 265, 90-103.	2.6	64
26	FlyBase portals to human disease research using <i>Drosophila</i> models. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 245-252.	2.4	64
27	<i>Brugia pahangi</i> and <i>Brugia malayi</i> : A Surface-Associated Glycoprotein (gp15/400) Is Composed of Multiple Tandemly Repeated Units and Processed from a 400-kDa Precursor. <i>Experimental Parasitology</i> , 1993, 76, 156-164.	1.2	57
28	The Gene Curation Coalition: A global effort to harmonize gene-disease evidence resources. <i>Genetics in Medicine</i> , 2022, 24, 1732-1742.	2.4	56
29	Discovery of high-confidence human protein-coding genes and exons by whole-genome PhyloCSF helps elucidate 118 GWAS loci. <i>Genome Research</i> , 2019, 29, 2073-2087.	5.5	52
30	Studies of DNA methylation in animals. <i>Journal of Cell Science</i> , 1995, 1995, 37-39.	2.0	50
31	tagtog: interactive and text-mining-assisted annotation of gene mentions in PLOS full-text articles. Database: the <i>Journal of Biological Databases and Curation</i> , 2014, 2014, bau033-bau033.	3.0	47
32	Overview of the gene ontology task at BioCreative IV. Database: the <i>Journal of Biological Databases and Curation</i> , 2014, 2014, bau086-bau086.	3.0	45
33	Human muscle carbonic anhydrase: gene structure and DNA methylation patterns in fetal and adult tissues.. <i>Genes and Development</i> , 1987, 1, 594-602.	5.9	39
34	Identification of serine/threonine protein kinases secreted by <i>Trichinella spiralis</i> infective larvae. <i>Molecular and Biochemical Parasitology</i> , 1997, 90, 111-119.	1.1	38
35	Identification of Jade1, a Gene Encoding a PHD Zinc Finger Protein, in a Gene Trap Mutagenesis Screen for Genes Involved in Anteroposterior Axis Development. <i>Molecular and Cellular Biology</i> , 2003, 23, 8553-8552.	2.3	37
36	The <i>Drosophila melanogaster</i> PeptideAtlas facilitates the use of peptide data for improved fly proteomics and genome annotation. <i>BMC Bioinformatics</i> , 2009, 10, 59.	2.6	37

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37	BC4GO: a full-text corpus for the BioCreative IV GO task. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau074-bau074.	3.0	36
38	The representation of heart development in the gene ontology. <i>Developmental Biology</i> , 2011, 354, 9-17.	2.0	35
39	Mouse carbonic anhydrase III: Nucleotide sequence and expression studies. <i>Biochemical Genetics</i> , 1989, 27, 17-30.	1.7	33
40	The expression of a small heat shock protein homologue is developmentally regulated in <i>Nippostrongylus brasiliensis</i> . <i>Molecular and Biochemical Parasitology</i> , 1993, 61, 149-153.	1.1	32
41	cDNA sequence for mouse heart fatty acid binding protein, H-FABP. <i>Nucleic Acids Research</i> , 1989, 17, 4374-4374.	14.5	28
42	Sequence, expression and evolution of the globins of the parasitic nematode <i>Nippostrongylus brasiliensis</i> . <i>Molecular and Biochemical Parasitology</i> , 1994, 68, 1-14.	1.1	28
43	Directly e-mailing authors of newly published papers encourages community curation. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas024.	3.0	27
44	Improving Interpretation of Cardiac Phenotypes and Enhancing Discovery With Expanded Knowledge in the Gene Ontology. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001813.	3.6	24
45	Transcriptional noise and the evolution of gene number. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1995, 349, 249-253.	4.0	23
46	Mapping of mouse carbonic anhydrase-3, Car-3: Another locus in the homologous region of mouse chromosome 3 and human chromosome 8. <i>Genomics</i> , 1990, 6, 692-696.	2.9	20
47	Systematic Analysis of Experimental Phenotype Data Reveals Gene Functions. <i>PLoS ONE</i> , 2013, 8, e60847.	2.5	19
48	Representing Kidney Development Using the Gene Ontology. <i>PLoS ONE</i> , 2014, 9, e99864.	2.5	17
49	Nanog retrotransposed genes with functionally conserved open reading frames. <i>Mammalian Genome</i> , 2006, 17, 732-743.	2.2	15
50	CAIII a marker for early myogenesis: Analysis of expression in cultured myogenic cells. <i>Somatic Cell and Molecular Genetics</i> , 1991, 17, 215-228.	0.7	11
51	Opportunities for text mining in the FlyBase genetic literature curation workflow. Database: the Journal of Biological Databases and Curation, 2012, 2012, bas039-bas039.	3.0	10
52	Mutant weed breaks silence. <i>Nature</i> , 2000, 405, 137-138.	27.8	7
53	The risks of using unapproved gene symbols. <i>American Journal of Human Genetics</i> , 2021, 108, 1813-1816.	6.2	6