

Sarah Baxendale

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

9,446
citations

331538

21
h-index

414303

32
g-index

38
all docs

38
docs citations

38
times ranked

8898
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel gene containing a trinucleotide repeat that is expanded and unstable on Huntington's disease chromosomes. <i>Cell</i> , 1993, 72, 971-983.	13.5	7,960
2	Structure and expression of the Huntington's disease gene: Evidence against simple inactivation due to an expanded CAG repeat. <i>Somatic Cell and Molecular Genetics</i> , 1994, 20, 27-38.	0.7	246
3	The B-cell maturation factor Blimp-1 specifies vertebrate slow-twitch muscle fiber identity in response to Hedgehog signaling. <i>Nature Genetics</i> , 2004, 36, 88-93.	9.4	167
4	Comparative sequence analysis of the human and pufferfish Huntington's disease genes. <i>Nature Genetics</i> , 1995, 10, 67-76.	9.4	144
5	Identification of compounds with anti-convulsant properties in a zebrafish model of epileptic seizures. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 773-84.	1.2	110
6	A cosmid contig and high resolution restriction map of the 2 megabase region containing the Huntington's disease gene. <i>Nature Genetics</i> , 1993, 4, 181-186.	9.4	102
7	Semicircular canal morphogenesis in the zebrafish inner ear requires the function of <i>gpr126</i> (<i>lauscher</i>), an adhesion class G protein-coupled receptor gene. <i>Development (Cambridge)</i> , 2013, 140, 4362-4374.	1.2	72
8	Characterization of a yeast artificial chromosome contig spanning the Huntington's disease gene candidate region. <i>Nature Genetics</i> , 1992, 1, 180-187.	9.4	71
9	Def-2, -3, -6 and -8, novel mouse genes differentially expressed in the haemopoietic system. <i>British Journal of Haematology</i> , 1999, 106, 335-344.	1.2	54
10	Otolith tethering in the zebrafish otic vesicle requires Otogelin and $\hat{\pm}$ -Tectorin. <i>Development (Cambridge)</i> , 2015, 142, 1137-1145.	1.2	52
11	A zinc-finger gene ZNF141 mapping at 4p16.3/D4S90 is a candidate gene for the Wolf-Hirschhorn (4p-) syndrome. <i>Human Molecular Genetics</i> , 1993, 2, 1571-1575.	1.4	48
12	Mapping of cosmid clones in Huntington's disease region of chromosome 4. <i>Somatic Cell and Molecular Genetics</i> , 1991, 17, 83-91.	0.7	46
13	The Power of Zebrafish in Personalised Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1007, 179-197.	0.8	36
14	The telomeric 60 kb of chromosome arm 4p is homologous to telomeric regions on 13p, 15p, 21p, and 22p. <i>Genomics</i> , 1992, 14, 350-356.	1.3	35
15	The direct screening of cosmid libraries with YAC clones. <i>Nucleic Acids Research</i> , 1991, 19, 6651-6651.	6.5	34
16	Identification of a series of hair-cell MET channel blockers that protect against aminoglycoside-induced ototoxicity. <i>JCI Insight</i> , 2021, 6, .	2.3	27
17	Identification of ion-channel modulators that protect against aminoglycoside-induced hair cell death. <i>JCI Insight</i> , 2017, 2, .	2.3	26
18	A Zebrafish Model for a Human Myopathy Associated with Mutation of the Unconventional Myosin MYO18B. <i>Genetics</i> , 2017, 205, 725-735.	1.2	25

#	ARTICLE	IF	CITATIONS
19	Expression of <i>patched</i> , <i>prdm1</i> and <i>engrailed</i> in the lamprey somite reveals conserved responses to Hedgehog signaling. <i>Evolution & Development</i> , 2009, 11, 27-40.	1.1	24
20	Discovery of 6-substituted indole-3-glyoxylamides as lead antiprion agents with enhanced cell line activity, improved microsomal stability and low toxicity. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4125-4132.	2.6	24
21	Clinical and preclinical therapeutic outcome metrics for USH2A-related disease. <i>Human Molecular Genetics</i> , 2020, 29, 1882-1899.	1.4	24
22	Aberrant Processing of the Fugu HD (FrHD) mRNA in Mouse Cells and in Transgenic Mice. <i>Human Molecular Genetics</i> , 1997, 6, 2141-2149.	1.4	21
23	Identification of compounds that rescue otic and myelination defects in the zebrafish <i>adgrg6</i> (<i>gpr126</i>) mutant. <i>ELife</i> , 2019, 8, .	2.8	19
24	Anteroposterior patterning of the zebrafish ear through Fgf- and Hh-dependent regulation of <i>hmx3a</i> expression. <i>PLoS Genetics</i> , 2019, 15, e1008051.	1.5	17
25	Morphological, behavioral and cellular analyses revealed different phenotypes in Wolfram syndrome <i>wfs1a</i> and <i>wfs1b</i> zebrafish mutant lines. <i>Human Molecular Genetics</i> , 2022, 31, 2711-2727.	1.4	10
26	A multiorganism pipeline for antiseizure drug discovery: Identification of chlorothymol as a novel γ -aminobutyric acidergic anticonvulsant. <i>Epilepsia</i> , 2020, 61, 2106-2118.	2.6	9
27	The adhesion GPCR <i>Adgrg6</i> (<i>Gpr126</i>): Insights from the zebrafish model. <i>Genesis</i> , 2021, 59, e23417.	0.8	9
28	Expression screening and annotation of a zebrafish myoblast cDNA library. <i>Gene Expression Patterns</i> , 2009, 9, 73-82.	0.3	8
29	Distribution of trinucleotide repeat sequences across a 2 Mbp region containing the Huntington's disease gene. <i>Human Molecular Genetics</i> , 1994, 3, 73-78.	1.4	7
30	Zebrafish Inner Ear Development and Function. , 2014, , 63-105.		7
31	Olfactory Rod Cells: A Rare Cell Type in the Larval Zebrafish Olfactory Epithelium With a Large Actin-Rich Apical Projection. <i>Frontiers in Physiology</i> , 2021, 12, 626080.	1.3	6
32	Exon trapping and sequence-based methods of gene finding in transcript mapping of human 4p 16.3. <i>Somatic Cell and Molecular Genetics</i> , 1997, 23, 413-427.	0.7	4
33	Origami: Single-cell 3D shape dynamics oriented along the apico-basal axis of folding epithelia from fluorescence microscopy data. <i>PLoS Computational Biology</i> , 2021, 17, e1009063.	1.5	2