Sarah Baxendale

List of Publications by Year
in descending order

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33 papers	9,446 citations	377584 21 h-index	466096 32 g-index
38 all docs	38 docs citations	38 times ranked	9750 citing authors

#	Article	IF	Citations
1	Morphological, behavioral and cellular analyses revealed different phenotypes in Wolfram syndrome wfs1a and wfs1b zebrafish mutant lines. Human Molecular Genetics, 2022, 31, 2711-2727.	1.4	10
2	Olfactory Rod Cells: A Rare Cell Type in the Larval Zebrafish Olfactory Epithelium With a Large Actin-Rich Apical Projection. Frontiers in Physiology, 2021, 12, 626080.	1.3	6
3	The adhesion GPCR Adgrg6 (Gpr126): Insights from the zebrafish model. Genesis, 2021, 59, e23417.	0.8	9
4	Identification of a series of hair-cell MET channel blockers that protect against aminoglycoside-induced ototoxicity. JCI Insight, 2021, 6, .	2.3	27
5	Origami: Single-cell 3D shape dynamics oriented along the apico-basal axis of folding epithelia from fluorescence microscopy data. PLoS Computational Biology, 2021, 17, e1009063.	1.5	2
6	A multiorganism pipeline for antiseizure drug discovery: Identification of chlorothymol as a novel Î³â€aminobutyric acidergic anticonvulsant. Epilepsia, 2020, 61, 2106-2118.	2.6	9
7	Clinical and preclinical therapeutic outcome metrics for USH2A-related disease. Human Molecular Genetics, 2020, 29, 1882-1899.	1.4	24
8	Anteroposterior patterning of the zebrafish ear through Fgf- and Hh-dependent regulation of hmx3a expression. PLoS Genetics, 2019, 15, e1008051.	1.5	17
9	Identification of compounds that rescue otic and myelination defects in the zebrafish adgrg6 (gpr126) mutant. ELife, 2019, 8, .	2.8	19
10	The Power of Zebrafish in Personalised Medicine. Advances in Experimental Medicine and Biology, 2017, 1007, 179-197.	0.8	36
11	A Zebrafish Model for a Human Myopathy Associated with Mutation of the Unconventional Myosin MYO18B. Genetics, 2017, 205, 725-735.	1.2	25
12	Identification of ion-channel modulators that protect against aminoglycoside-induced hair cell death. JCI Insight, 2017, 2, .	2.3	26
13	Otolith tethering in the zebrafish otic vesicle requires Otogelin and Î±-Tectorin. Development (Cambridge), 2015, 142, 1137-1145.	1.2	52
14	Zebrafish Inner Ear Development and Function. , 2014, , 63-105.		7
15	Semicircular canal morphogenesis in the zebrafish inner ear requires the function of gpr126 (lauscher), an adhesion class G protein-coupled receptor gene. Development (Cambridge), 2013, 140, 4362-4374.	1.2	72
16	Identification of compounds with anti-convulsant properties in a zebrafish model of epileptic seizures. DMM Disease Models and Mechanisms, 2012, 5, 773-84.	1.2	110
17	Discovery of 6-substituted indole-3-glyoxylamides as lead antiprion agents with enhanced cell line activity, improved microsomal stability and low toxicity. European Journal of Medicinal Chemistry, 2011, 46, 4125-4132.	2.6	24
18	Expression screening and annotation of a zebrafish myoblast cDNA library. Gene Expression Patterns, 2009, 9, 73-82.	0.3	8

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19	Expression of patched, prdm1 and engrailed in the lamprey somite reveals conserved responses to Hedgehog signaling. Evolution & Development, 2009, 11, 27-40.	1.1	24
20	The B-cell maturation factor Blimp-1 specifies vertebrate slow-twitch muscle fiber identity in response to Hedgehog signaling. Nature Genetics, 2004, 36, 88-93.	9.4	167
21	Def-2, -3, -6 and -8, novel mouse genes differentially expressed in the haemopoietic system. British Journal of Haematology, 1999, 106, 335-344.	1.2	54
22	Aberrant Processing of the Fugu HD (FrHD) mRNA in Mouse Cells and in Transgenic Mice. Human Molecular Genetics, 1997, 6, 2141-2149.	1.4	21
23	Exon trapping and sequence-based methods of gene finding in transcript mapping of human 4p 16.3. Somatic Cell and Molecular Genetics, 1997, 23, 413-427.	0.7	4
24	Comparative sequence analysis of the human and pufferfish Huntington's disease genes. Nature Genetics, 1995, 10, 67-76.	9.4	144
25	Distribution of trinucleotide repeat sequences across a 2 Mbp region containing the Huntington's disease gene. Human Molecular Genetics, 1994, 3, 73-78.	1.4	7
26	Structure and expression of the Huntington's disease gene: Evidence against simple inactivation due to an expanded CAG repeat. Somatic Cell and Molecular Genetics, 1994, 20, 27-38.	0.7	246
27	A cosmid contig and high resolution restriction map of the 2 megabase region containing the Huntington's disease gene. Nature Genetics, 1993, 4, 181-186.	9.4	102
28	A novel gene containing a trinucleotide repeat that is expanded and unstable on Huntington's disease chromosomes. Cell, 1993, 72, 971-983.	13.5	7,960
29	A zinc-finger gene ZNF141 mapping at 4p16.3/D4S90 is a candidate gene for the Wolf-Hirschhorn (4p-) syndrome. Human Molecular Genetics, 1993, 2, 1571-1575.	1.4	48
30	The telomeric 60 kb of chromosome arm 4p is homologous to telomeric regions on 13p, 15p, 21p, and 22p. Genomics, 1992, 14, 350-356.	1.3	35
31	Characterization of a yeast artificial chromosome contig spanning the Huntington's disease gene candidate region. Nature Genetics, 1992, 1, 180-187.	9.4	71
32	Mapping of cosmid clones in Huntington's disease region of chromosome 4. Somatic Cell and Molecular Genetics, 1991, 17, 83-91.	0.7	46
33	The direct screening of cosmid libraries with YAC clones. Nucleic Acids Research, 1991, 19, 6651-6651.	6.5	34