Stefan Hans

List of Publications by Year
in descending order

26 papers	1,844 citations	516710 16 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	1988 citing authors

#	Article	IF	Citations
1	Regeneration of the adult zebrafish brain from neurogenic radial glia-type progenitors. Development (Cambridge), 2011, 138, 4831-4841.	2.5	390
2	Bone Regenerates via Dedifferentiation of Osteoblasts in the Zebrafish Fin. Developmental Cell, 2011, 20, 713-724.	7.0	346
3	Stem Cells in the Adult Zebrafish Cerebellum: Initiation and Maintenance of a Novel Stem Cell Niche. Journal of Neuroscience, 2009, 29, 6142-6153.	3.6	183
4	Temporally-Controlled Site-Specific Recombination in Zebrafish. PLoS ONE, 2009, 4, e4640.	2.5	182
5	Pax8 and Pax2a function synergistically in otic specification, downstream of the Foxi1 and Dlx3b transcription factors. Development (Cambridge), 2004, 131, 5091-5102.	2.5	116
6	Generation of a nonâ€leaky heat shockâ€“inducible Cre line for conditional Cre/lox strategies in zebrafish. Developmental Dynamics, 2011, 240, 108-115.	1.8	93
7	Clonal fate mapping quantifies the number ofÂhaematopoietic stem cells that arise duringÂdevelopment. Nature Cell Biology, 2017, 19, 17-27.	10.3	90
8	Fgf-dependent otic induction requires competence provided by Foxi1 and Dlx3b. BMC Developmental Biology, 2007, 7, 5.	2.1	78
9	Distinct roles of neuroepithelial-like and radial glia-like progenitor cells in cerebellar regeneration. Development (Cambridge), 2017, 144, 1462-1471.	2.5	61
10	Changes in retinoic acid signaling alter otic patterning. Development (Cambridge), 2007, 134, 2449-2458.	2.5	47
11	Notch Receptor Expression in Neurogenic Regions of the Adult Zebrafish Brain. PLoS ONE, 2013, 8, e73384.	2.5	33
12	Targeted knock-in of CreER T2 in zebrafish using CRISPR/Cas9. Cell and Tissue Research, 2018, 372, 41-50.	2.9	33
13	Zebrafish Foxi1 provides a neuronal ground state during inner ear induction preceding the Dlx3b/4b-regulated sensory lineage. Development (Cambridge), 2013, 140, 1936-1945.	2.5	29
14	Cre-Controlled CRISPR mutagenesis provides fast and easy conditional gene inactivation in zebrafish. Nature Communications, 2021, 12, 1125.	12.8	29
15	On the organisation of the regulatory region of the zebrafish<i>deltaD</i>gene. Development (Cambridge), 2002, 129, 4773-4784.	2.5	24
16	Smarcd3 Regulates the Timing of Zebrafish Myogenesis Onset. Journal of Biological Chemistry, 2008, 283, 3529-3536.	3.4	22
17	Isolation of Novel CreERT2-Driver Lines in Zebrafish Using an Unbiased Gene Trap Approach. PLoS ONE, 2015, 10, e0129072.	2.5	19
18	Wnt/Î²-catenin signaling acts cell-autonomously to promote cardiomyocyte regeneration in the zebrafish heart. Developmental Biology, 2022, 481, 226-237.	2.0	16

#	Article	IF	Citations
19	Creâ€inducible siteâ€specific recombination in zebrafish oligodendrocytes. Developmental Dynamics, 2017, 246, 41-49.	1.8	15
20	Cell-fate plasticity, adhesion and cell sorting complementarily establish a sharp midbrain-hindbrain boundary. Development (Cambridge), 2020, 147, .	2.5	11
21	Dlx3b/4b is required for early-born but not later-forming sensory hair cells during zebrafish inner ear development. Biology Open, 2017, 6, 1270-1278.	1.2	9
22	Neurogenesis in the inner ear: the zebrafish statoacoustic ganglion provides new neurons from a Neurod/Nestin-positive progenitor pool well into adulthood. Development (Cambridge), 2020, 147, .	2.5	5
23	Deletion of lrrk2 causes early developmental abnormalities and age-dependent increase of monoamine catabolism in the zebrafish brain. PLoS Genetics, 2021, 17, e1009794.	3.5	5
24	Generation of a conditional <i>lima1a</i> allele in zebrafish using the <scp>FLE</scp>x switch technology. Genesis, 2016, 54, 19-28.	1.6	4
25	Ligand-Controlled Site-Specific Recombination in Zebrafish. Methods in Molecular Biology, 2017, 1642, 87-97.	0.9	3
26	Reactivation of the Neurogenic Niche in the Adult Zebrafish Statoacoustic Ganglion Following a Mechanical Lesion. Frontiers in Cell and Developmental Biology, 2022, 10, 850624.	3.7	1