Michael Brand

List of Publications by Year
in descending order

155 papers	12,270 citations	24978 57 h-index	29081 104 g-index
171 all docs	171 docs citations	171 times ranked	10497 citing authors

#	Article	IF	Citations
1	Neural stem cells and neurogenesis in the adult zebrafish brain: Origin, proliferation dynamics, migration and cell fate. Developmental Biology, 2006, 295, 263-277.	0.9	540
2	Acute Inflammation Initiates the Regenerative Response in the Adult Zebrafish Brain. Science, 2012, 338, 1353-1356.	6.0	480
3	daughterless, a Drosophila gene essential for both neurogenesis and sex determination, has sequence similarities to myc and the achaete-scute complex. Cell, 1988, 55, 1061-1067.	13.5	465
4	Regeneration of the adult zebrafish brain from neurogenic radial glia-type progenitors. Development (Cambridge), 2011, 138, 4831-4841.	1.2	390
5	Bone Regenerates via Dedifferentiation of Osteoblasts in the Zebrafish Fin. Developmental Cell, 2011, 20, 713-724.	3.1	346
6	Fgf8 morphogen gradient forms by a source-sink mechanism with freely diffusing molecules. Nature, 2009, 461, 533-536.	13.7	335
7	Adult neurogenesis and brain regeneration in zebrafish. Developmental Neurobiology, 2012, 72, 429-461.	1.5	314
8	Proliferation, neurogenesis and regeneration in the non-mammalian vertebrate brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 101-122.	1.8	313
9	The Endosomal Protein Appl1 Mediates Akt Substrate Specificity and Cell Survival in Vertebrate Development. Cell, 2008, 133, 486-497.	13.5	307
10	The midbrainâ€"hindbrain boundary organizer. Current Opinion in Neurobiology, 2001, 11, 34-42.	2.0	301
11	Boundary formation and maintenance in tissue development. Nature Reviews Genetics, 2011, 12, 43-55.	7.7	301
12	Retinoic acid signalling in the zebrafish embryo is necessary during pre-segmentation stages to pattern the anterior-posterior axis of the CNS and to induce a pectoral fin bud. Development (Cambridge), 2002, 129, 2851-2865.	1.2	259
13	Fgf8 and Fgf3 are required for zebrafish ear placode induction, maintenance and inner ear patterning. Mechanisms of Development, 2002, 119, 91-108.	1.7	225
14	Tight transcriptional control of the ETS domain factors Erm and Pea3 by Fgf signaling during early zebrafish development. Mechanisms of Development, 2001, 107, 105-117.	1.7	222
15	Morphogen transport. Development (Cambridge), 2013, 140, 1621-1638.	1.2	217
16	Stem Cells in the Adult Zebrafish Cerebellum: Initiation and Maintenance of a Novel Stem Cell Niche. Journal of Neuroscience, 2009, 29, 6142-6153.	1.7	183
17	Temporally-Controlled Site-Specific Recombination in Zebrafish. PLoS ONE, 2009, 4, e4640.	1.1	182
18	Effects of inflammation on stem cells: together they strive?. EMBO Reports, 2015, 16, 416-426.	2.0	171

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19	<i>sprouty4</i>acts in vivo as a feedback-induced antagonist of FGF signaling in zebrafish. Development (Cambridge), 2001, 128, 2175-2186.	1.2	171
20	Mutations affecting pigmentation and shape of the adult zebrafish. Development Genes and Evolution, 1996, 206, 260-276.	0.4	164
21	<i>pax2.1</i>is required for the development of thyroid follicles in zebrafish. Development (Cambridge), 2002, 129, 3751-3760.	1.2	150
22	Comparative aspects of adult neural stem cell activity in vertebrates. Development Genes and Evolution, 2013, 223, 131-147.	0.4	148
23	Regenerative Neurogenesis from Neural Progenitor Cells Requires Injury-Induced Expression of Gata3. Developmental Cell, 2012, 23, 1230-1237.	3.1	146
24	Asymmetric division and polarity of neuroepithelial cells. Current Opinion in Neurobiology, 1997, 7, 29-39.	2.0	144
25	Feasibility of proton FLASH effect tested by zebrafish embryo irradiation. Radiotherapy and Oncology, 2019, 139, 46-50.	0.3	144
26	Hedgehog signalling from the zona limitans intrathalamica orchestrates patterning of the zebrafish diencephalon. Development (Cambridge), 2006, 133, 855-864.	1.2	138
27	Heterogeneity and Fgf dependence of adult neural progenitors in the zebrafish telencephalon. Glia, 2010, 58, 1345-1363.	2.5	138
28	Subdivisions of the adult zebrafish subpallium by molecular marker analysis. Journal of Comparative Neurology, 2012, 520, 633-655.	0.9	134
29	Modular scanning FCS quantifies receptor-ligand interactions in living multicellular organisms. Nature Methods, 2009, 6, 643-645.	9.0	132
30	The zebrafish<i>spiel-ohne-grenzen</i>(<i>spg</i>) gene encodes the POU domain protein Pou2 related to mammalian<i>Oct4</i>and is essential for formation of the midbrain and hindbrain, and for pre-gastrula morphogenesis. Development (Cambridge), 2002, 129, 905-916.	1.2	130
31	Micro fluid segment technique for screening and development studies on Danio rerio embryos. Lab on A Chip, 2007, 7, 1132.	3.1	120
32	Positioning of the midbrain-hindbrain boundary organizer through global posteriorization of the neuroectoderm mediated by Wnt8 signaling. Development (Cambridge), 2005, 132, 1261-1272.	1.2	119
33	Zebrafish (Danio rerio) Presenilin Promotes Aberrant Amyloid Î²-Peptide Production and Requires a Critical Aspartate Residue for Its Function in Amyloidogenesisâ€. Biochemistry, 1999, 38, 13602-13609.	1.2	118
34	Dynamic Coupling of Pattern Formation and Morphogenesis in the Developing Vertebrate Retina. PLoS Biology, 2009, 7, e1000214.	2.6	115
35	Endocytosis Controls Spreading and Effective Signaling Range of Fgf8 Protein. Current Biology, 2004, 14, 1834-1841.	1.8	113
36	Duplication of fgfr1 Permits Fgf Signaling to Serve as a Target for Selection during Domestication. Current Biology, 2009, 19, 1642-1647.	1.8	110

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37	The POU Domain Protein Spg (Pou2/Oct4) Is Essential for Endoderm Formation in Cooperation with the HMG Domain Protein Casanova. Developmental Cell, 2004, 6, 91-101.	3.1	108
38	Target-selected mutant screen by TILLING in Drosophila. Genome Research, 2005, 15, 718-723.	2.4	105
39	Subdivisions of the adult zebrafish pallium based on molecular marker analysis. F1000Research, 2014, 3, 308.	0.8	97
40	Divide et Impera â€“ the midbrainâ€“hindbrain boundary and its organizer. Trends in Neurosciences, 2004, 27, 727-734.	4.2	95
41	Generation of a nonâ€leaky heat shockâ€“inducible Cre line for conditional Cre/lox strategies in zebrafish. Developmental Dynamics, 2011, 240, 108-115.	0.8	93
42	Maternal control of vertebrate dorsoventral axis formation and epiboly by the POU domain protein Spg/Pou2/Oct4. Development (Cambridge), 2006, 133, 2757-2770.	1.2	92
43	Neuroinflammation and central nervous system regeneration in vertebrates. Trends in Cell Biology, 2014, 24, 128-135.	3.6	90
44	Clonal fate mapping quantifies the number ofÂhaematopoietic stem cells that arise duringÂdevelopment. Nature Cell Biology, 2017, 19, 17-27.	4.6	90
45	The chemokine receptor cxcr5 regulates the regenerative neurogenesis response in the adult zebrafish brain. Neural Development, 2012, 7, 27.	1.1	88
46	Development and specification of cerebellar stem and progenitor cells in zebrafish: from embryo to adult. Neural Development, 2013, 8, 9.	1.1	82
47	A novel positive transcriptional feedback loop in midbrain-hindbrain boundary development is revealed through analysis of the zebrafish<i>pax2.1</i>promoter in transgenic lines. Development (Cambridge), 2002, 129, 3227-3239.	1.2	81
48	Two groups of interrelated genes regulate early neurogenesis in Drosophila melanogaster. Roux's Archives of Developmental Biology, 1988, 197, 457-470.	1.2	79
49	<i>spiel-ohne-grenzen/pou2</i>mediates regional competence to respond to Fgf8 during zebrafish early neural development. Development (Cambridge), 2002, 129, 917-933.	1.2	78
50	Fgf signals from a novel signaling center determine axial patterning of the prospective neural retina. Development (Cambridge), 2005, 132, 4951-4962.	1.2	77
51	Second-site modifiers of the split mutation of Notch define genes involved in neurogenesis in Drosophila melanogaster. Roux's Archives of Developmental Biology, 1990, 198, 275-285.	1.2	71
52	Osteoblast Production by Reserved Progenitor Cells in Zebrafish Bone Regeneration and Maintenance. Developmental Cell, 2017, 43, 643-650.e3.	3.1	70
53	Overlapping and distinct functions provided by fgf17 , a new zebrafish member of the Fgf8/17/18 subgroup of Fgfs. Mechanisms of Development, 2000, 99, 39-49.	1.7	68
54	Subdivisions of the adult zebrafish pallium based on molecular marker analysis. F1000Research, 2014, 3, 308.	0.8	68

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55	Evolution and homology of the nervous system: cross-phylum rescues of otd/Otx genes. Trends in Genetics, 1998, 14, 211-214.	2.9	64
56	Engrailed and Fgf8 act synergistically to maintain the boundary between diencephalon and mesencephalon. Development (Cambridge), 2003, 130, 4881-4893.	1.2	64
57	Isthmus-to-midbrain transformation in the absence of midbrain-hindbrain organizer activity. Development (Cambridge), 2003, 130, 6611-6623.	1.2	64
58	Early developmental specification of the thyroid gland depends on<i>han</i>-expressing surrounding tissue and on FGF signals. Development (Cambridge), 2007, 134, 2871-2879.	1.2	64
59	Global and local mechanisms of forebrain and midbrain patterning. Current Opinion in Neurobiology, 2006, 16, 5-12.	2.0	63
60	Fgf Signaling is Required for Photoreceptor Maintenance in the Adult Zebrafish Retina. PLoS ONE, 2012, 7, e30365.	1.1	62
61	Distinct roles of neuroepithelial-like and radial glia-like progenitor cells in cerebellar regeneration. Development (Cambridge), 2017, 144, 1462-1471.	1.2	61
62	Zebrafish vimentin: molecular characterization, assembly properties and developmental expression. European Journal of Cell Biology, 1998, 77, 175-187.	1.6	60
63	Adult Neurogenesis in Fish. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019018.	2.3	60
64	Single cell sequencing of radial glia progeny reveals diversity of newborn neurons in the adult zebrafish brain. Development (Cambridge), 2020, 147, 1855951.	1.2	60
65	Cloning, expression and relationship of zebrafish gbx1 and gbx2 genes to Fgf signaling. Mechanisms of Development, 2003, 120, 919-936.	1.7	58
66	Immune Suppressive and Bone Inhibitory Effects of Prednisolone in Growing and Regenerating Zebrafish Tissues. Journal of Bone and Mineral Research, 2017, 32, 2476-2488.	3.1	56
67	Zebrafish fgfr1 is a member of the fgf8 synexpression group and is required for fgf8 signalling at the midbrain-hindbrain boundary. Development Genes and Evolution, 2004, 214, 285-95.	0.4	55
68	Dynamic Association with Donor Cell Filopodia and Lipid-Modification Are Essential Features of Wnt8a during Patterning of the Zebrafish Neuroectoderm. PLoS ONE, 2014, 9, e84922.	1.1	55
69	Patterning the Zebrafish Central Nervous System. Results and Problems in Cell Differentiation, 2002, 40, 181-215.	0.2	55
70	Different developmental histories of beta-cells generate functional and proliferative heterogeneity during islet growth. Nature Communications, 2017, 8, 664.	5.8	53
71	Cerebroventricular Microinjection (CVMI) into Adult Zebrafish Brain Is an Efficient Misexpression Method for Forebrain Ventricular Cells. PLoS ONE, 2011, 6, e27395.	1.1	53
72	Interpretation of the FGF8 morphogen gradient is regulated by endocytic trafficking. Nature Cell Biology, 2011, 13, 153-158.	4.6	52

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73	Inner ear and lateral line expression of a zebrafish Nkx5-1 gene and its downregulation in the ears of FGF8 mutant, ace. Mechanisms of Development, 2000, 97, 161-165.	1.7	50
74	Polyacrylamide Bead Sensors for in vivo Quantification of Cell-Scale Stress in Zebrafish Development. Scientific Reports, 2019, 9, 17031.	1.6	47
75	Opposing Shh and Fgf signals initiate nasotemporal patterning of the retina. Development (Cambridge), 2015, 142, 3933-42.	1.2	46
76	Morpholino-induced knockdown of zebrafish engrailed geneseng2 andeng3 reveals redundant and unique functions in midbrain-hindbrain boundary development. Genesis, 2001, 30, 129-133.	0.8	43
77	Lineage restriction maintains a stable organizer cell population at the zebrafish midbrain-hindbrain boundary. Development (Cambridge), 2005, 132, 3209-3216.	1.2	43
78	Generation and interpretation of FGF morphogen gradients in vertebrates. Current Opinion in Genetics and Development, 2013, 23, 415-422.	1.5	41
79	A switch in pdgfrb cell-derived ECM composition prevents inhibitory scarring and promotes axon regeneration in the zebrafish spinal cord. Developmental Cell, 2021, 56, 509-524.e9.	3.1	40
80	Zebrafish gbx1 refines the midbrain-hindbrain boundary border and mediates the Wnt8 posteriorization signal. Neural Development, 2009, 4, 12.	1.1	39
81	CRISPR/Cas9-Mediated Zebrafish Knock-in as a Novel Strategy to Study Midbrain-Hindbrain Boundary Development. Frontiers in Neuroanatomy, 2017, 11, 52.	0.9	37
82	Zebrafish Spinal Cord Repair Is Accompanied by Transient Tissue Stiffening. Biophysical Journal, 2020, 118, 448-463.	0.2	37
83	Imaging brain development and organogenesis in zebrafish using immobilized embryonic explants. Developmental Dynamics, 2003, 228, 464-474.	0.8	36
84	Pbx proteins cooperate with Engrailed to pattern the midbrainâ€"hindbrain and diencephalicâ€"mesencephalic boundaries. Developmental Biology, 2007, 301, 504-517.	0.9	36
85	Endocytosis and Signaling during Development. Cold Spring Harbor Perspectives in Biology, 2014, 6, a017020-a017020.	2.3	36
86	Î²-arrestin control of late endosomal sorting facilitates decoy receptor function and chemokine gradient formation. Development (Cambridge), 2012, 139, 2897-2902.	1.2	35
87	Simplet/Fam53b is required for Wnt signal transduction by regulating Î²-catenin nuclear localization. Development (Cambridge), 2014, 141, 3529-3539.	1.2	35
88	The zebrafish spiel-ohne-grenzen (spg) gene encodes the POU domain protein Pou2 related to mammalian Oct4 and is essential for formation of the midbrain and hindbrain, and for pre-gastrula morphogenesis. Development (Cambridge), 2002, 129, 905-16.	1.2	35
89	Integrity of the midbrain region is required to maintain the diencephalic-mesencephalic boundary in zebrafishno isthmus/pax2.1 mutants. Developmental Dynamics, 2003, 228, 313-322.	0.8	34
90	A novel positive transcriptional feedback loop in midbrain-hindbrain boundary development is revealed through analysis of the zebrafish pax2.1 promoter in transgenic lines. Development (Cambridge), 2002, 129, 3227-39.	1.2	34

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91	Notch Receptor Expression in Neurogenic Regions of the Adult Zebrafish Brain. PLoS ONE, 2013, 8, e73384.	1.1	33
92	Targeted knock-in of CreER T2 in zebrafish using CRISPR/Cas9. Cell and Tissue Research, 2018, 372, 41-50.	1.5	33
93	Characterization of Light Lesion Paradigms and Optical Coherence Tomography as Tools to Study Adult Retina Regeneration in Zebrafish. PLoS ONE, 2013, 8, e80483.	1.1	32
94	Cxcl12 evolution â€“ subfunctionalization of a ligand through altered interaction with the chemokine receptor. Development (Cambridge), 2011, 138, 2909-2914.	1.2	31
95	Isolation and expression of the homeobox geneGbx1 during mouse development. Developmental Dynamics, 2004, 229, 334-339.	0.8	29
96	Zebrafish Foxi1 provides a neuronal ground state during inner ear induction preceding the Dlx3b/4b-regulated sensory lineage. Development (Cambridge), 2013, 140, 1936-1945.	1.2	29
97	Cre-Controlled CRISPR mutagenesis provides fast and easy conditional gene inactivation in zebrafish. Nature Communications, 2021, 12, 1125.	5.8	29
98	Zebrafish limb development is triggered by a retinoic acid signal during gastrulation. Developmental Dynamics, 2011, 240, 1116-1126.	0.8	28
99	Analysis of axon tract formation in the zebrafish brain: the role of territories of gene expression and their boundaries. Cell and Tissue Research, 1997, 290, 189-196.	1.5	27
100	Distinct tissue-specificity of three zebrafishext1 genes encoding proteoglycan modifying enzymes and their relationship to somiticSonic hedgehog signaling. Developmental Dynamics, 2005, 232, 498-505.	0.8	27
101	The Zebrafish CreZoo: An Easy-to-Handle Database for Novel CreER^{T2}-Driver Lines. Zebrafish, 2013, 10, 259-263.	0.5	27
102	Asymmetric inheritance of the apical domain and self-renewal of retinal ganglion cell progenitors depend on Anillin function. Development (Cambridge), 2015, 142, 832-9.	1.2	27
103	Efficient Cargo Delivery into Adult Brain Tissue Using Short Cell-Penetrating Peptides. PLoS ONE, 2015, 10, e0124073.	1.1	27
104	Morpholino-induced knockdown ofFgf8 efficiently phenocopies theacerebellar (ACE) phenotype. Genesis, 2001, 30, 157-159.	0.8	26
105	Electron dose rate and oxygen depletion protect zebrafish embryos from radiation damage. Radiotherapy and Oncology, 2021, 158, 7-12.	0.3	26
106	Beam pulse structure and dose rate as determinants for the flash effect observed in zebrafish embryo. Radiotherapy and Oncology, 2022, 173, 49-54.	0.3	26
107	Micromanipulation of Gene Expression in the Adult Zebrafish Brain Using Cerebroventricular Microinjection of Morpholino Oligonucleotides. Journal of Visualized Experiments, 2013, , e50415.	0.2	24
108	Spiel-ohne-grenzen/pou2 mediates regional competence to respond to Fgf8 during zebrafish early neural development. Development (Cambridge), 2002, 129, 917-33.	1.2	24

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109	Singleâ€cell transcriptome analysis reveals thyrocyte diversity in the zebrafish thyroid gland. EMBO Reports, 2020, 21, e50612.	2.0	23
110	Cloning and expression of Ventrhoid, a novel vertebrate homologue of the Drosophila EGF pathway gene rhomboid. Mechanisms of Development, 2002, 113, 73-77.	1.7	21
111	Distinct and Conserved Prominin-1/CD133â€"Positive Retinal Cell Populations Identified across Species. PLoS ONE, 2011, 6, e17590.	1.1	21
112	Role of the immune response in initiating central nervous system regeneration in vertebrates: learning from the fish. International Journal of Developmental Biology, 2018, 62, 403-417.	0.3	20
113	Long-term in vivo imaging reveals tumor-specific dissemination and captures host tumor interaction in zebrafish xenografts. Scientific Reports, 2020, 10, 13254.	1.6	20
114	Isolation of Novel CreERT2-Driver Lines in Zebrafish Using an Unbiased Gene Trap Approach. PLoS ONE, 2015, 10, e0129072.	1.1	19
115	Identification and Expression Analysis of Zebrafish Glypicans during Embryonic Development. PLoS ONE, 2013, 8, e80824.	1.1	19
116	Mutant Generation in Vertebrate Model Organisms by TILLING. Methods in Molecular Biology, 2011, 770, 475-504.	0.4	18
117	Spatial Distribution of Prominin-1 (CD133) â€" Positive Cells within Germinative Zones of the Vertebrate Brain. PLoS ONE, 2013, 8, e63457.	1.1	18
118	Radiobiological effects and proton RBE determined by wildtype zebrafish embryos. PLoS ONE, 2018, 13, e0206879.	1.1	18
119	Molecular characterization of Calymmin, a novel notochord sheath-associated extracellular matrix protein in the zebrafish embryo. Developmental Dynamics, 2002, 224, 200-209.	0.8	17
120	Wnt/Î²-catenin signaling acts cell-autonomously to promote cardiomyocyte regeneration in the zebrafish heart. Developmental Biology, 2022, 481, 226-237.	0.9	16
121	Creâ€inducible siteâ€specific recombination in zebrafish oligodendrocytes. Developmental Dynamics, 2017, 246, 41-49.	0.8	15
122	Targeting of radioactive platinum-bisphosphonate anticancer drugs to bone of high metabolic activity. Scientific Reports, 2020, 10, 5889.	1.6	15
123	Analysis and visualization of cell movement in the developing zebrafish brain. Developmental Dynamics, 2006, 235, 928-933.	0.8	14
124	In Vivo Chemical Screen in Zebrafish Embryos Identifies Regulators of Hematopoiesis Using a Semiautomated Imaging Assay. Journal of Biomolecular Screening, 2016, 21, 956-964.	2.6	14
125	Tissue Micromanipulation in Zebrafish Embryos. Methods in Molecular Biology, 2009, 546, 153-172.	0.4	13
126	Reactive oligodendrocyte progenitor cells (re-)myelinate the regenerating zebrafish spinal cord. Development (Cambridge), 2020, 147, .	1.2	13

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127	Preclinical evaluation of platinum-loaded hydroxyapatite nanoparticles in an embryonic zebrafish xenograft model. Nanoscale, 2020, 12, 13582-13594.	2.8	13
128	Vertebrate brain regeneration â€" a community effort of fate-restricted precursor cell types. Current Opinion in Genetics and Development, 2020, 64, 101-108.	1.5	12
129	Cell-fate plasticity, adhesion and cell sorting complementarily establish a sharp midbrain-hindbrain boundary. Development (Cambridge), 2020, 147, .	1.2	11
130	Zebrafish In-Vivo Screening for Compounds Amplifying Hematopoietic Stem and Progenitor Cells: - Preclinical Validation in Human CD34+ Stem and Progenitor Cells. Scientific Reports, 2017, 7, 12084.	1.6	10
131	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.	0.6	9
132	Electrophysiological Properties of Adult Zebrafish Oligodendrocyte Progenitor Cells. Frontiers in Cellular Neuroscience, 2019, 13, 102.	1.8	9
133	Visual Function is Gradually Restored During Retina Regeneration in Adult Zebrafish. Frontiers in Cell and Developmental Biology, 2021, 9, 831322.	1.8	9
134	Effect of reduced temperature on glycoprotein (Ig, HLA) processing and transport in lymphoid cells. Molecular Immunology, 1985, 22, 787-794.	1.0	8
135	Heparan sulfate proteoglycan expression in the regenerating zebrafish fin. Developmental Dynamics, 2021, 250, 1368-1380.	0.8	8
136	The homeodomain factor<i>Gbx1</i>is required for locomotion and cell specification in the dorsal spinal cord. PeerJ, 2013, 1, e142.	0.9	7
137	Improved Imaging of Magnetically Labeled Cells Using Rotational Magnetomotive Optical Coherence Tomography. Applied Sciences (Switzerland), 2017, 7, 444.	1.3	6
138	Deletion of lrrk2 causes early developmental abnormalities and age-dependent increase of monoamine catabolism in the zebrafish brain. PLoS Genetics, 2021, 17, e1009794.	1.5	5
139	Cerebellar Development and Neurogenesis in Zebrafish. , 2013, , 1441-1462.		4
140	<scp>CXCR</scp>4 blockade and Sphingosineâ€1â€phosphate activation facilitate engraftment of haematopoietic stem and progenitor cells in a nonâ€myeloablative transplant model. British Journal of Haematology, 2014, 164, 409-413.	1.2	4
141	Generation of a conditional <i>lima1a</i> allele in zebrafish using the <scp>FLE</scp>x switch technology. Genesis, 2016, 54, 19-28.	0.8	4
142	Isthmin1, a secreted signaling protein, acts downstream of diverse embryonic patterning centers in development. Cell and Tissue Research, 2021, 383, 987-1002.	1.5	4
143	Ligand-Controlled Site-Specific Recombination in Zebrafish. Methods in Molecular Biology, 2017, 1642, 87-97.	0.4	3
144	Towards a comprehensive eye model for zebrafish retinal imaging using full range spectral domain optical coherence tomography. Proceedings of SPIE, 2014, , .	0.8	2

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145	The Zebrafish Cerebellum. , 2016, , 411-421.		2
146	Modular Scanning FCS quantifies ligand-receptor interactions in live multicellular organisms. Biophysical Journal, 2009, 96, 208a.	0.2	1
147	A hybrid imaging system for simultaneous ophthalmic optical coherence tomography and dual-channel fluorescence detection in small animal models. Biomedizinische Technik, 2012, 57, .	0.9	1
148	Neural Patterning: Midbrainâ€"Hindbrain Boundary. , 2009, , 205-211.		1
149	Cerebellar Development and Neurogenesis in Zebrafish. , 2020, , 1-24.		1
150	Analysis and visualization of cell movement in the developing zebrafish brain. Developmental Dynamics, 2006, 235, spc1-spc1.	0.8	0
151	Lernen vom Lurch. Forschung, 2011, 36, 18-21.	0.0	0
152	CRISPR/Cas9-Based Split Fluorescent Protein Tagging. Zebrafish, 2021, 18, 369-373.	0.5	0
153	Simplet/Fam53b is required for Wnt signal transduction by regulating Î²-catenin nuclear localization. Journal of Cell Science, 2014, 127, e1-e1.	1.2	0
154	Cerebellar Development and Neurogenesis in Zebrafish. , 2022, , 1623-1646.		0
155	Dose-dependent Changes After Proton and Photon Irradiation in a Zebrafish Model. Anticancer Research, 2020, 40, 6123-6135.	0.5	0