Igor Kondrychyn

List of Publications by Year
in descending order

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25 papers	1,915 citations	567281 15 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	2973 citing authors

#	Article	IF	Citations
1	High Behavioral Variability Mediated by Altered Neuronal Excitability inauts2Mutant Zebrafish. ENeuro, 2021, 8, ENEURO.0493-20.2021.	1.9	3
2	Origin and development of circumventricular organs in living vertebrate. Seminars in Cell and Developmental Biology, 2020, 102, 13-20.	5.0	10
3	Marcksl1 modulates endothelial cell mechanoresponse to haemodynamic forces to control blood vessel shape and size. Nature Communications, 2020, 11, 5476.	12.8	23
4	The Zebrafish as a New Model System for Experimental Biology. Cytology and Genetics, 2018, 52, 406-415.	0.5	1
5	Transcriptional Complexity and Distinct Expression Patterns ofauts2Paralogs inDanio rerio. G3: Genes, Genomes, Genetics, 2017, 7, 2577-2593.	1.8	12
6	Development of Circumventricular Organs in the Mirror of Zebrafish Enhancer-Trap Transgenics. Frontiers in Neuroanatomy, 2017, 11, 114.	1.7	16
7	Development of the cardiac conduction system in zebrafish. Gene Expression Patterns, 2016, 21, 89-96.	0.8	18
8	Functional antagonism of alpha-subunits of Kv channel in developing brain ventricular system. Development (Cambridge), 2016, 143, 4249-4260.	2.5	17
9	Changing Faces of Transcriptional Regulation Reflected by Zic3. Current Genomics, 2015, 16, 117-127.	1.6	9
10	Elephant shark genome provides unique insights into gnathostome evolution. Nature, 2014, 505, 174-179.	27.8	689
11	Genome Wide Analysis Reveals Zic3 Interaction with Distal Regulatory Elements of Stage Specific Developmental Genes in Zebrafish. PLoS Genetics, 2013, 9, e1003852.	3.5	35
12	Stretching Morphogenesis of the Roof Plate and Formation of the Central Canal. PLoS ONE, 2013, 8, e56219.	2.5	33
13	Yolk syncytial layer formation is a failure of cytokinesis mediated by Rock1 function in the early zebrafish embryo. Biology Open, 2012, 1, 747-753.	1.2	21
14	Visualizing Compound Transgenic Zebrafish in Development: A Tale of Green Fluorescent Protein and KillerRed. Zebrafish, 2011, 8, 23-29.	1.1	19
15	Zebrafish Enhancer TRAP Transgenic Line Database ZETRAP 2.0. Zebrafish, 2011, 8, 181-182.	1.1	35
16	Zebrafish cardiac enhancer trap lines: New tools for in vivo studies of cardiovascular development and disease. Developmental Dynamics, 2010, 239, 914-926.	1.8	48
17	The role of vasculature and blood circulation in zebrafish swimbladder development. BMC Developmental Biology, 2010, 10, 3.	2.1	36
18	Collective Cell Migration Drives Morphogenesis of the Kidney Nephron. PLoS Biology, 2009, 7, e1000009.	5.6	167

#	Article	IF	Citations
19	Genome-wide analysis of Tol2 transposon reintegration in zebrafish. BMC Genomics, 2009, 10, 418.	2.8	74
20	Development of zebrafish swimbladder: The requirement of Hedgehog signaling in specification and organization of the three tissue layers. Developmental Biology, 2009, 331, 222-236.	2.0	153
21	In vivo analysis of morphogenesis of choroid plexus in transgenic zebrafish. Cerebrospinal Fluid Research, 2009, 6, .	0.5	0
22	Combined activity of the two Gli2 genes of zebrafish play a major role in Hedgehog signaling during zebrafish neurodevelopment. Molecular and Cellular Neurosciences, 2008, 37, 388-401.	2.2	38
23	In vivo Analysis of Choroid Plexus Morphogenesis in Zebrafish. PLoS ONE, 2008, 3, e3090.	2.5	71
24	Zebrafish transgenic Enhancer TRAP line database (ZETRAP). BMC Developmental Biology, 2006, 6, 5.	2.1	64
25	Tol2transposon-mediated enhancer trap to identify developmentally regulated zebrafish genes in vivo. Developmental Dynamics, 2004, 231, 449-459.	1.8	321