

# Igor Kondrychyn

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Elephant shark genome provides unique insights into gnathostome evolution. <i>Nature</i> , 2014, 505, 174-179.	27.8	689
2	Tol2transposon-mediated enhancer trap to identify developmentally regulated zebrafish genes in vivo. <i>Developmental Dynamics</i> , 2004, 231, 449-459.	1.8	321
3	Collective Cell Migration Drives Morphogenesis of the Kidney Nephron. <i>PLoS Biology</i> , 2009, 7, e1000009.	5.6	167
4	Development of zebrafish swimbladder: The requirement of Hedgehog signaling in specification and organization of the three tissue layers. <i>Developmental Biology</i> , 2009, 331, 222-236.	2.0	153
5	Genome-wide analysis of Tol2 transposon reintegration in zebrafish. <i>BMC Genomics</i> , 2009, 10, 418.	2.8	74
6	In vivo Analysis of Choroid Plexus Morphogenesis in Zebrafish. <i>PLoS ONE</i> , 2008, 3, e3090.	2.5	71
7	Zebrafish transgenic Enhancer TRAP line database (ZETRAP). <i>BMC Developmental Biology</i> , 2006, 6, 5.	2.1	64
8	Zebrafish cardiac enhancer trap lines: New tools for in vivo studies of cardiovascular development and disease. <i>Developmental Dynamics</i> , 2010, 239, 914-926.	1.8	48
9	Combined activity of the two Gli2 genes of zebrafish play a major role in Hedgehog signaling during zebrafish neurodevelopment. <i>Molecular and Cellular Neurosciences</i> , 2008, 37, 388-401.	2.2	38
10	The role of vasculature and blood circulation in zebrafish swimbladder development. <i>BMC Developmental Biology</i> , 2010, 10, 3.	2.1	36
11	Zebrafish Enhancer TRAP Transgenic Line Database ZETRAP 2.0. <i>Zebrafish</i> , 2011, 8, 181-182.	1.1	35
12	Genome Wide Analysis Reveals Zic3 Interaction with Distal Regulatory Elements of Stage Specific Developmental Genes in Zebrafish. <i>PLoS Genetics</i> , 2013, 9, e1003852.	3.5	35
13	Stretching Morphogenesis of the Roof Plate and Formation of the Central Canal. <i>PLoS ONE</i> , 2013, 8, e56219.	2.5	33
14	Marcksl1 modulates endothelial cell mechanoreponse to haemodynamic forces to control blood vessel shape and size. <i>Nature Communications</i> , 2020, 11, 5476.	12.8	23
15	Yolk syncytial layer formation is a failure of cytokinesis mediated by Rock1 function in the early zebrafish embryo. <i>Biology Open</i> , 2012, 1, 747-753.	1.2	21
16	Visualizing Compound Transgenic Zebrafish in Development: A Tale of Green Fluorescent Protein and KillerRed. <i>Zebrafish</i> , 2011, 8, 23-29.	1.1	19
17	Development of the cardiac conduction system in zebrafish. <i>Gene Expression Patterns</i> , 2016, 21, 89-96.	0.8	18
18	Functional antagonism of alpha-subunits of Kv channel in developing brain ventricular system. <i>Development (Cambridge)</i> , 2016, 143, 4249-4260.	2.5	17

#	ARTICLE	IF	CITATIONS
19	Development of Circumventricular Organs in the Mirror of Zebrafish Enhancer-Trap Transgenics. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 114.	1.7	16
20	Transcriptional Complexity and Distinct Expression Patterns of <i>auts2</i> Paralogs in <i>Danio rerio</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2577-2593.	1.8	12
21	Origin and development of circumventricular organs in living vertebrate. <i>Seminars in Cell and Developmental Biology</i> , 2020, 102, 13-20.	5.0	10
22	Changing Faces of Transcriptional Regulation Reflected by <i>Zic3</i> . <i>Current Genomics</i> , 2015, 16, 117-127.	1.6	9
23	High Behavioral Variability Mediated by Altered Neuronal Excitability in <i>auts2</i> Mutant Zebrafish. <i>ENeuro</i> , 2021, 8, ENEURO.0493-20.2021.	1.9	3
24	The Zebrafish as a New Model System for Experimental Biology. <i>Cytology and Genetics</i> , 2018, 52, 406-415.	0.5	1
25	In vivo analysis of morphogenesis of choroid plexus in transgenic zebrafish. <i>Cerebrospinal Fluid Research</i> , 2009, 6, .	0.5	0