Daria Onichtchouk

List of Publications by Year in descending order

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29 papers	2,543 citations	430874 18 h-index	477307 29 g-index
35 all docs	35 docs citations	35 times ranked	3559 citing authors

#	Article	IF	Citations
1	Pluripotency factors determine gene expression repertoire at zygotic genome activation. Nature Communications, 2022, 13, 788.	12.8	9
2	Multiomic atlas with functional stratification and developmental dynamics of zebrafish cis-regulatory elements. Nature Genetics, 2022, 54, 1037-1050.	21.4	26
3	Pou5f3, SoxB1, and Nanog remodel chromatin on high nucleosome affinity regions at zygotic genome activation. Genome Research, 2019, 29, 383-395.	5.5	49
4	Nucleolus: A Central Hub for Nuclear Functions. Trends in Cell Biology, 2019, 29, 647-659.	7.9	119
5	hnRNP-K Targets Open Chromatin in Mouse Embryonic Stem Cells in Concert with Multiple Regulators. Stem Cells, 2019, 37, 1018-1029.	3.2	11
6	Maternal Nanog is critical for the zebrafish embryo architecture and for cell viability during gastrulation. Development (Cambridge), 2018, 145, .	2.5	35
7	Initiation of cyp26a1 Expression in the Zebrafish Anterior Neural Plate by a Novel Cis-Acting Element. PLoS ONE, 2016, 11, e0150639.	2.5	1
8	DANIO-CODE: Toward an Encyclopedia of DNA Elements in Zebrafish. Zebrafish, 2016, 13, 54-60.	1.1	15
9	Evolution and functions of Oct4 homologs in non-mammalian vertebrates. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 770-779.	1.9	16
10	Zygotic Genome Activators, Developmental Timing, and Pluripotency. Current Topics in Developmental Biology, 2016, 116, 273-297.	2.2	26
11	Regulation of Zygotic Genome and Cellular Pluripotency. Biochemistry (Moscow), 2015, 80, 1723-1733.	1.5	4
12	A Pou5f1/Oct4 dependent Klf2a, Klf2b, and Klf17 regulatory sub-network contributes to EVL and ectoderm development during zebrafish embryogenesis. Developmental Biology, 2014, 385, 433-447.	2.0	41
13	Pou5f1/Oct4 Promotes Cell Survival via Direct Activation of mych Expression during Zebrafish Gastrulation. PLoS ONE, 2014, 9, e92356.	2.5	17
14	Pou5f1-Dependent EGF Expression Controls E-Cadherin Endocytosis, Cell Adhesion, and Zebrafish Epiboly Movements. Developmental Cell, 2013, 24, 486-501.	7.0	90
15	Pou5f1 Transcription Factor Controls Zygotic Gene Activation In Vertebrates. Science, 2013, 341, 1005-1009.	12.6	217
16	Fast structural responses of gap junction membrane domains to AB5 toxins. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4125-33.	7.1	11
17	Pou5f1/oct4 in pluripotency control: Insights from zebrafish. Genesis, 2012, 50, 75-85.	1.6	33
18	The Pou5f1/Pou3f-dependent but SoxB-independent regulation of conserved enhancer N2 initiates Sox2 expression during epiblast to neural plate stages in vertebrates. Developmental Biology, 2011, 352, 354-366.	2.0	63

#	Article	IF	Citations
19	Pou5f1 contributes to dorsoventral patterning by positive regulation of vox and modulation of fgf8a expression. Developmental Biology, 2011, 356, 323-336.	2.0	46
20	Zebrafish Pou5f1â€dependent transcriptional networks in temporal control of early development. Molecular Systems Biology, 2010, 6, 354.	7.2	77
21	Oct4/Pou5f1 controls tissue-specific repressors in early zebrafish embryo. Journal of Stem Cells and Regenerative Medicine, 2010, 6, 82.	2.2	3
22	Limiting transport steps and novel interactions of Connexin-43 along the secretory pathway. Histochemistry and Cell Biology, 2009, 132, 263-280.	1.7	25
23	Inhibition of GSK3 Promotes Replication and Survival of Pancreatic Beta Cells. Journal of Biological Chemistry, 2007, 282, 12030-12037.	3.4	134
24	Chromophore-assisted light inactivation (CALI) using the phototoxic fluorescent protein KillerRed. Nature Protocols, 2006, 1, 947-953.	12.0	189
25	Transgene driving GFP expression from the promoter of the zona pellucida genezpcis expressed in oocytes and provides an early marker for gonad differentiation in zebrafish. Developmental Dynamics, 2003, 228, 393-404.	1.8	76
26	Embryonic Patterning of Xenopus Mesoderm by Bmp-4. , 2000, , 165-190.		2
27	Silencing of TGF-Î² signalling by the pseudoreceptor BAMBI. Nature, 1999, 401, 480-485.	27.8	642
28	Head induction by simultaneous repression of Bmp and Wnt signalling in Xenopus. Nature, 1997, 389, 517-519.	27.8	328
29	Cellular interpretation of multiple TGF-Î² signals: intracellular antagonism between activin/BVg1 and BMP-2/4 signaling mediated by Smads. Development (Cambridge), 1997, 124, 4467-4480.	2.5	222