

# 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	Silencing of TGF- $\beta$ 2 signalling by the pseudoreceptor BAMBI. <i>Nature</i> , 1999, 401, 480-485.	27.8	642
2	Head induction by simultaneous repression of Bmp and Wnt signalling in <i>Xenopus</i> . <i>Nature</i> , 1997, 389, 517-519.	27.8	328
3	Cellular interpretation of multiple TGF- $\beta$ 2 signals: intracellular antagonism between activin/BVg1 and BMP-2/4 signaling mediated by Smads. <i>Development (Cambridge)</i> , 1997, 124, 4467-4480.	2.5	222
4	Pou5f1 Transcription Factor Controls Zygotic Gene Activation In Vertebrates. <i>Science</i> , 2013, 341, 1005-1009.	12.6	217
5	Chromophore-assisted light inactivation (CALI) using the phototoxic fluorescent protein KillerRed. <i>Nature Protocols</i> , 2006, 1, 947-953.	12.0	189
6	Inhibition of GSK3 Promotes Replication and Survival of Pancreatic Beta Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 12030-12037.	3.4	134
7	Nucleolus: A Central Hub for Nuclear Functions. <i>Trends in Cell Biology</i> , 2019, 29, 647-659.	7.9	119
8	Pou5f1-Dependent EGF Expression Controls E-Cadherin Endocytosis, Cell Adhesion, and Zebrafish Epiboly Movements. <i>Developmental Cell</i> , 2013, 24, 486-501.	7.0	90
9	Zebrafish Pou5f1-dependent transcriptional networks in temporal control of early development. <i>Molecular Systems Biology</i> , 2010, 6, 354.	7.2	77
10	Transgene driving GFP expression from the promoter of the zona pellucida gene <i>zpcis</i> expressed in oocytes and provides an early marker for gonad differentiation in zebrafish. <i>Developmental Dynamics</i> , 2003, 228, 393-404.	1.8	76
11	The Pou5f1/Pou3f-dependent but SoxB-independent regulation of conserved enhancer N2 initiates Sox2 expression during epiblast to neural plate stages in vertebrates. <i>Developmental Biology</i> , 2011, 352, 354-366.	2.0	63
12	Pou5f3, SoxB1, and Nanog remodel chromatin on high nucleosome affinity regions at zygotic genome activation. <i>Genome Research</i> , 2019, 29, 383-395.	5.5	49
13	Pou5f1 contributes to dorsoventral patterning by positive regulation of <i>vox</i> and modulation of <i>fgf8a</i> expression. <i>Developmental Biology</i> , 2011, 356, 323-336.	2.0	46
14	A Pou5f1/Oct4 dependent Klf2a, Klf2b, and Klf17 regulatory sub-network contributes to EVL and ectoderm development during zebrafish embryogenesis. <i>Developmental Biology</i> , 2014, 385, 433-447.	2.0	41
15	Maternal Nanog is critical for the zebrafish embryo architecture and for cell viability during gastrulation. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	35
16	Pou5f1/oct4 in pluripotency control: Insights from zebrafish. <i>Genesis</i> , 2012, 50, 75-85.	1.6	33
17	Zygotic Genome Activators, Developmental Timing, and Pluripotency. <i>Current Topics in Developmental Biology</i> , 2016, 116, 273-297.	2.2	26
18	Multiomic atlas with functional stratification and developmental dynamics of zebrafish cis-regulatory elements. <i>Nature Genetics</i> , 2022, 54, 1037-1050.	21.4	26

#	ARTICLE	IF	CITATIONS
19	Limiting transport steps and novel interactions of Connexin-43 along the secretory pathway. <i>Histochemistry and Cell Biology</i> , 2009, 132, 263-280.	1.7	25
20	Pou5f1/Oct4 Promotes Cell Survival via Direct Activation of mych Expression during Zebrafish Gastrulation. <i>PLoS ONE</i> , 2014, 9, e92356.	2.5	17
21	Evolution and functions of Oct4 homologs in non-mammalian vertebrates. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 770-779.	1.9	16
22	DANIO-CODE: Toward an Encyclopedia of DNA Elements in Zebrafish. <i>Zebrafish</i> , 2016, 13, 54-60.	1.1	15
23	Fast structural responses of gap junction membrane domains to AB5 toxins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4125-33.	7.1	11
24	hnRNP-K Targets Open Chromatin in Mouse Embryonic Stem Cells in Concert with Multiple Regulators. <i>Stem Cells</i> , 2019, 37, 1018-1029.	3.2	11
25	Pluripotency factors determine gene expression repertoire at zygotic genome activation. <i>Nature Communications</i> , 2022, 13, 788.	12.8	9
26	Regulation of Zygotic Genome and Cellular Pluripotency. <i>Biochemistry (Moscow)</i> , 2015, 80, 1723-1733.	1.5	4
27	Oct4/Pou5f1 controls tissue-specific repressors in early zebrafish embryo. <i>Journal of Stem Cells and Regenerative Medicine</i> , 2010, 6, 82.	2.2	3
28	Embryonic Patterning of Xenopus Mesoderm by Bmp-4. , 2000, , 165-190.		2
29	Initiation of cyp26a1 Expression in the Zebrafish Anterior Neural Plate by a Novel Cis-Acting Element. <i>PLoS ONE</i> , 2016, 11, e0150639.	2.5	1