

# Ondrej Machon

## List of Publications by Year in descending order

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36  
papers

2,525  
citations

331670

21  
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345221

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37  
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37  
docs citations

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times ranked

3733  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Tankyrase Inhibitor Decreases Canonical Wnt Signaling in Colon Carcinoma Cells and Reduces Tumor Growth in Conditional APC Mutant Mice. <i>Cancer Research</i> , 2012, 72, 2822-2832.	0.9	301
2	A Novel Tankyrase Small-Molecule Inhibitor Suppresses <i>APC</i> Mutation-Driven Colorectal Tumor Growth. <i>Cancer Research</i> , 2013, 73, 3132-3144.	0.9	282
3	N-cadherin mediates cortical organization in the mouse brain. <i>Developmental Biology</i> , 2007, 304, 22-33.	2.0	275
4	Role of $\beta$ -catenin in the developing cortical and hippocampal neuroepithelium. <i>Neuroscience</i> , 2003, 122, 129-143.	2.3	208
5	Effects of canonical Wnt signaling on dorso-ventral specification of the mouse telencephalon. <i>Developmental Biology</i> , 2005, 279, 155-168.	2.0	202
6	A dynamic gradient of Wnt signaling controls initiation of neurogenesis in the mammalian cortex and cellular specification in the hippocampus. <i>Developmental Biology</i> , 2007, 311, 223-237.	2.0	181
7	Novel Synthetic Antagonists of Canonical Wnt Signaling Inhibit Colorectal Cancer Cell Growth. <i>Cancer Research</i> , 2011, 71, 197-205.	0.9	153
8	Meis2 is essential for cranial and cardiac neural crest development. <i>BMC Developmental Biology</i> , 2015, 15, 40.	2.1	99
9	Characterisation of the Wnt antagonists and their response to conditionally activated Wnt signalling in the developing mouse forebrain. <i>Developmental Brain Research</i> , 2004, 153, 261-270.	1.7	92
10	Wnt-mediated Down-regulation of Sp1 Target Genes by a Transcriptional Repressor Sp5. <i>Journal of Biological Chemistry</i> , 2007, 282, 1225-1237.	3.4	67
11	Abnormal lens morphogenesis and ectopic lens formation in the absence of $\beta$ -catenin function. <i>Genesis</i> , 2007, 45, 157-168.	1.6	62
12	The Gene Regulatory Network of Lens Induction Is Wired through Meis-Dependent Shadow Enhancers of Pax6. <i>PLoS Genetics</i> , 2016, 12, e1006441.	3.5	55
13	Forebrain-specific promoter/enhancer D6 derived from the mouse Dach1 gene controls expression in neural stem cells. <i>Neuroscience</i> , 2002, 112, 951-966.	2.3	53
14	The cellular fate of cortical progenitors is not maintained in neurosphere cultures. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 388-397.	2.2	46
15	Effect of canonical Wnt inhibition in the neurogenic cortex, hippocampus, and premigratory dentate gyrus progenitor pool. <i>Developmental Dynamics</i> , 2008, 237, 1799-1811.	1.8	44
16	Lens morphogenesis is dependent on Pax6-mediated inhibition of the canonical Wnt/ $\beta$ -catenin signaling in the lens surface ectoderm. <i>Genesis</i> , 2010, 48, 86-95.	1.6	42
17	The mouse enhancer element D6 directs Cre recombinase activity in the neocortex and the hippocampus. <i>Mechanisms of Development</i> , 2002, 110, 179-182.	1.7	34
18	Generation of mRx-Cre Transgenic Mouse Line for Efficient Conditional Gene Deletion in Early Retinal Progenitors. <i>PLoS ONE</i> , 2013, 8, e63029.	2.5	33

#	ARTICLE	IF	CITATIONS
19	Tcf7L2 is essential for neurogenesis in the developing mouse neocortex. <i>Neural Development</i> , 2018, 13, 8.	2.4	31
20	Inhibition of the Rous Sarcoma Virus Long Terminal Repeat-Driven Transcription by in Vitro Methylation: Different Sensitivity in Permissive Chicken Cells versus Mammalian Cells. <i>Virology</i> , 1999, 255, 171-181.	2.4	27
21	Polycomb repression complex 2 is required for the maintenance of retinal progenitor cells and balanced retinal differentiation. <i>Developmental Biology</i> , 2018, 433, 47-60.	2.0	25
22	Targeted disruption of mouse Dach1 results in postnatal lethality. <i>Developmental Dynamics</i> , 2003, 226, 139-144.	1.8	24
23	Ectopic Activation of Wnt/ $\beta$ -Catenin Signaling in Lens Fiber Cells Results in Cataract Formation and Aberrant Fiber Cell Differentiation. <i>PLoS ONE</i> , 2013, 8, e78279.	2.5	22
24	Characterization of Mammalian Orthologues of the Drosophila <i>osa</i> Gene: cDNA Cloning, Expression, Chromosomal Localization, and Direct Physical Interaction with Brahma Chromatin-Remodeling Complex. <i>Genomics</i> , 2001, 73, 140-148.	2.9	18
25	Tcf7l1 protects the anterior neural fold from adopting the neural crest fate. <i>Development (Cambridge)</i> , 2016, 143, 2206-2216.	2.5	17
26	The transcriptional regulator MEIS2 sets up the ground state for palatal osteogenesis in mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 5449-5460.	3.4	15
27	Yeast two-hybrid system identifies the ubiquitin-conjugating enzyme mUbc9 as a potential partner of mouse Dac. <i>Mechanisms of Development</i> , 2000, 97, 3-12.	1.7	14
28	Wnt/ $\beta$ -catenin signalling is necessary for gut differentiation in a marine annelid, <i>Platynereis dumerilii</i> . <i>EvoDevo</i> , 2018, 9, 14.	3.2	14
29	MEIS-WNT5A axis regulates development of fourth ventricle choroid plexus. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	13
30	Mouse Tcf3 represses canonical Wnt signaling by either competing for $\beta$ -catenin binding or through occupation of DNA-binding sites. <i>Molecular and Cellular Biochemistry</i> , 2012, 365, 53-63.	3.1	12
31	Genetic interaction between Pax6 and $\beta$ -catenin in the developing retinal pigment epithelium. <i>Development Genes and Evolution</i> , 2015, 225, 121-128.	0.9	12
32	Neural crest cells require Meis2 for patterning the mandibular arch via the Sonic hedgehog pathway. <i>Biology Open</i> , 2020, 9, .	1.2	12
33	In Vitro Differentiation of Mouse Embryonic Stem Cells into Neurons of the Dorsal Forebrain. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 715-727.	3.3	11
34	Sp1 binding sites inserted into the Rous sarcoma virus long terminal repeat enhance LTR-driven gene expression. <i>Gene</i> , 1998, 208, 73-82.	2.2	9
35	The Mandibular and Hyoid Arches – From Molecular Patterning to Shaping Bone and Cartilage. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7529.	4.1	9
36	Characterization and functional analysis of the 5' flanking promoter region of the mouse Tcf3 gene. <i>Molecular and Cellular Biochemistry</i> , 2012, 360, 289-299.	3.1	6