

# Olivier Armant

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,367  
citations

279798

23  
h-index

223800

46  
g-index

51  
all docs

51  
docs citations

51  
times ranked

4067  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequential phases of cortical specification involve Neurogenin-dependent and -independent pathways. <i>EMBO Journal</i> , 2004, 23, 2892-2902.	7.8	355
2	Proneural bHLH and Brn Proteins Coregulate a Neurogenic Program through Cooperative Binding to a Conserved DNA Motif. <i>Developmental Cell</i> , 2006, 11, 831-844.	7.0	267
3	Neurogenin 2 controls cortical neuron migration through regulation of Rnd2. <i>Nature</i> , 2008, 455, 114-118.	27.8	249
4	Two independent transcription initiation codes overlap on vertebrate core promoters. <i>Nature</i> , 2014, 507, 381-385.	27.8	182
5	Dynamic regulation of the transcription initiation landscape at single nucleotide resolution during vertebrate embryogenesis. <i>Genome Research</i> , 2013, 23, 1938-1950.	5.5	119
6	Characterization of the proneural gene regulatory network during mouse telencephalon development. <i>BMC Biology</i> , 2008, 6, 15.	3.8	95
7	The Light Responsive Transcriptome of the Zebrafish: Function and Regulation. <i>PLoS ONE</i> , 2011, 6, e17080.	2.5	90
8	Fungi use the SakA (HogA) pathway for phytochrome-dependent light signalling. <i>Nature Microbiology</i> , 2016, 1, 16019.	13.3	89
9	Gene Responses in the Central Nervous System of Zebrafish Embryos Exposed to the Neurotoxicant Methyl Mercury. <i>Environmental Science &amp; Technology</i> , 2013, 47, 3316-3325.	10.0	69
10	The Helix-Loop-Helix Protein Id1 Controls Stem Cell Proliferation During Regenerative Neurogenesis in the Adult Zebrafish Telencephalon. <i>Stem Cells</i> , 2015, 33, 892-903.	3.2	69
11	Sprouty2 inhibits BDNF-induced signaling and modulates neuronal differentiation and survival. <i>Cell Death and Differentiation</i> , 2007, 14, 1802-1812.	11.2	65
12	Transgenerational DNA Methylation Changes in <i>Daphnia magna</i> Exposed to Chronic $\gamma$ Irradiation. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4331-4339.	10.0	55
13	Genome-wide, whole mount in situ analysis of transcriptional regulators in zebrafish embryos. <i>Developmental Biology</i> , 2013, 380, 351-362.	2.0	54
14	Comprehensive expression map of transcription regulators in the adult zebrafish telencephalon reveals distinct neurogenic niches. <i>Journal of Comparative Neurology</i> , 2015, 523, 1202-1221.	1.6	50
15	Single amino acid fingerprinting of the human antibody repertoire with high density peptide arrays. <i>Journal of Immunological Methods</i> , 2017, 443, 45-54.	1.4	45
16	A ruthenium anticancer compound interacts with histones and impacts differently on epigenetic and death pathways compared to cisplatin. <i>Oncotarget</i> , 2017, 8, 2568-2584.	1.8	44
17	The Cdx2 homeobox gene suppresses intestinal tumorigenesis through non-cell-autonomous mechanisms. <i>Journal of Experimental Medicine</i> , 2018, 215, 911-926.	8.5	33
18	Molecular Description of Eye Defects in the Zebrafish Pax6b Mutant, sunrise, Reveals a Pax6b-Dependent Genetic Network in the Developing Anterior Chamber. <i>PLoS ONE</i> , 2015, 10, e0117645.	2.5	32

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19	Development of Bag-1L as a therapeutic target in androgen receptor-dependent prostate cancer. <i>ELife</i> , 2017, 6, .	6.0	32
20	Knockout of Extracytoplasmic Function Sigma Factor ECF-10 Affects Stress Resistance and Biofilm Formation in <i>Pseudomonas putida</i> KT2440. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4911-4919.	3.1	27
21	Loss of function of myosin chaperones triggers Hsf1-mediated transcriptional response in skeletal muscle cells. <i>Genome Biology</i> , 2015, 16, 267.	8.8	27
22	Loss of ASAP1 in mice impairs adipogenic and osteogenic differentiation of mesenchymal progenitor cells through dysregulation of FAK/Src and AKT signaling. <i>PLoS Genetics</i> , 2019, 15, e1008216.	3.5	27
23	Epigenetic, histopathological and transcriptomic effects following exposure to depleted uranium in adult zebrafish and their progeny. <i>Aquatic Toxicology</i> , 2017, 184, 14-25.	4.0	24
24	Zebrafish exposure to environmentally relevant concentration of depleted uranium impairs progeny development at the molecular and histological levels. <i>PLoS ONE</i> , 2017, 12, e0177932.	2.5	23
25	Development of the prethalamus is crucial for thalamocortical projection formation and is regulated by Olig2. <i>Development (Cambridge)</i> , 2014, 141, 2075-2084.	2.5	22
26	Whole genome and transcriptome analyses of environmental antibiotic sensitive and multi-resistant <i>Pseudomonas aeruginosa</i> isolates exposed to waste water and tap water. <i>Microbial Biotechnology</i> , 2015, 8, 116-130.	4.2	21
27	Tritiated water exposure disrupts myofibril structure and induces mis-regulation of eye opacity and DNA repair genes in zebrafish early life stages. <i>Aquatic Toxicology</i> , 2018, 200, 114-126.	4.0	18
28	The in vitro PI3-A gene mutation assay: glycosylphosphatidylinositol (GPI)-related genotype-to-phenotype relationship in TK6 cells. <i>Archives of Toxicology</i> , 2016, 90, 1729-1736.	4.2	17
29	p53 is active in murine stem cells and alters the transcriptome in a manner that is reminiscent of mutant p53. <i>Cell Death and Disease</i> , 2015, 6, e1662-e1662.	6.3	15
30	Gene transcription in the zebrafish embryo: regulators and networks. <i>Briefings in Functional Genomics</i> , 2014, 13, 131-143.	2.7	14
31	Lmx1b is required for the glutamatergic fates of a subset of spinal cord neurons. <i>Neural Development</i> , 2016, 11, 16.	2.4	14
32	The Tetraodon nigroviridis reference transcriptome: developmental transition, length retention and microsynteny of long non-coding RNAs in a compact vertebrate genome. <i>Scientific Reports</i> , 2016, 6, 33210.	3.3	14
33	Proteome dynamics in neutrophils of adult zebrafish upon chemically-induced inflammation. <i>Fish and Shellfish Immunology</i> , 2014, 40, 217-224.	3.6	13
34	Fine-tuning and autoregulation of the intestinal determinant and tumor suppressor homeobox gene CDX2 by alternative splicing. <i>Cell Death and Differentiation</i> , 2017, 24, 2173-2186.	11.2	13
35	Expression at the Imprinted Dlk1-Ctl2 Locus Is Regulated by Proneural Genes in the Developing Telencephalon. <i>PLoS ONE</i> , 2012, 7, e48675.	2.5	12
36	A systems biology approach reveals neuronal and muscle developmental defects after chronic exposure to ionising radiation in zebrafish. <i>Scientific Reports</i> , 2019, 9, 20241.	3.3	10

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37	Dose-dependent genomic DNA hypermethylation and mitochondrial DNA damage in Japanese tree frogs sampled in the Fukushima Daiichi area. <i>Journal of Environmental Radioactivity</i> , 2020, 225, 106429.	1.7	10
38	A systems biology analysis of reproductive toxicity effects induced by multigenerational exposure to ionizing radiation in <i>C. elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112793.	6.0	10
39	Adverse effects induced by chronic gamma irradiation in progeny of adult fish not affecting parental reproductive performance. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2556-2567.	4.3	8
40	Multi-Dimensional Transcriptome Analysis Reveals Modulation of Cholesterol Metabolism as Highly Integrated Response to Brain Injury. <i>Frontiers in Neuroscience</i> , 2021, 15, 671249.	2.8	8
41	Whole transcriptome data analysis of zebrafish mutants affecting muscle development. <i>Data in Brief</i> , 2016, 8, 61-68.	1.0	7
42	Suppression of dsRNA response genes and innate immunity following Oct4, Stella, and Nanos2 overexpression in mouse embryonic fibroblasts. <i>Cytokine</i> , 2018, 106, 1-11.	3.2	7
43	Ionising Radiation Induces Promoter DNA Hypomethylation and Perturbs Transcriptional Activity of Genes Involved in Morphogenesis during Gastrulation in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4014.	4.1	7
44	Whole transcriptome data of zebrafish exposed to chronic dose of depleted uranium. <i>Data in Brief</i> , 2017, 14, 474-482.	1.0	2
45	HeRBI: Helmholtz Repository of Bioparts. <i>Zebrafish</i> , 2016, 13, 234-235.	1.1	1
46	zHSF1 modulates zper2 expression in zebrafish embryos. <i>Chronobiology International</i> , 2018, 35, 1008-1015.	2.0	1
47	Fishing for melanoma markers through comparative transcriptome analysis. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 709-710.	3.3	0
48	Expression of a Barhl1a reporter in subsets of retinal ganglion cells and commissural neurons of the developing zebrafish brain. <i>Scientific Reports</i> , 2020, 10, 8814.	3.3	0