

# 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  | 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         |
| 2  | 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        |
| 3  | 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        |
| 4  | 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         |
| 5  | 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         |
| 6  | 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         |
| 7  | 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        |
| 8  | 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        |
| 9  | 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         |
| 10 | zHSF1 modulates zper2 expression in zebrafish embryos. <i>Chronobiology International</i> , 2018, 35, 1008-1015.  | 2.0  | 1         |
| 11 | Transgenerational DNA Methylation Changes in <i>Daphnia magna</i> Exposed to Chronic $\hat{I}^3$ Irradiation. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4331-4339.  | 10.0 | 55        |
| 12 | 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        |
| 13 | 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        |
| 14 | 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        |
| 15 | 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        |
| 16 | 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        |
| 17 | Whole transcriptome data of zebrafish exposed to chronic dose of depleted uranium. <i>Data in Brief</i> , 2017, 14, 474-482.  | 1.0  | 2         |
| 18 | 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        |

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|----|---|------|-----------|
| 19 | 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        |
| 20 | Development of Bag-1L as a therapeutic target in androgen receptor-dependent prostate cancer. <i>ELife</i> , 2017, 6, .   | 6.0  | 32        |
| 21 | Lmx1b is required for the glutamatergic fates of a subset of spinal cord neurons. <i>Neural Development</i> , 2016, 11, 16.   | 2.4  | 14        |
| 22 | The in vitro PIG-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        |
| 23 | 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        |
| 24 | Fungi use the SakA (HogA) pathway for phytochrome-dependent light signalling. <i>Nature Microbiology</i> , 2016, 1, 16019.  | 13.3 | 89        |
| 25 | Whole transcriptome data analysis of zebrafish mutants affecting muscle development. <i>Data in Brief</i> , 2016, 8, 61-68.   | 1.0  | 7         |
| 26 | HeRBI: Helmholtz Repository of Bioparts. <i>Zebrafish</i> , 2016, 13, 234-235.  | 1.1  | 1         |
| 27 | 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        |
| 28 | 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        |
| 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 | 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        |
| 31 | 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        |
| 32 | 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        |
| 33 | 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        |
| 34 | Two independent transcription initiation codes overlap on vertebrate core promoters. <i>Nature</i> , 2014, 507, 381-385.  | 27.8 | 182       |
| 35 | Gene transcription in the zebrafish embryo: regulators and networks. <i>Briefings in Functional Genomics</i> , 2014, 13, 131-143.   | 2.7  | 14        |
| 36 | Proteome dynamics in neutrophils of adult zebrafish upon chemically-induced inflammation. <i>Fish and Shellfish Immunology</i> , 2014, 40, 217-224.   | 3.6  | 13        |

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|----|---|------|-----------|
| 37 | 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        |
| 38 | 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       |
| 39 | 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        |
| 40 | Genome-wide, whole mount in situ analysis of transcriptional regulators in zebrafish embryos. <i>Developmental Biology</i> , 2013, 380, 351-362.  | 2.0  | 54        |
| 41 | Fishing for melanoma markers through comparative transcriptome analysis. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 709-710.   | 3.3  | 0         |
| 42 | Expression at the Imprinted <i>Dlk1-Gtl2</i> Locus Is Regulated by Proneural Genes in the Developing Telencephalon. <i>PLoS ONE</i> , 2012, 7, e48675.  | 2.5  | 12        |
| 43 | The Light Responsive Transcriptome of the Zebrafish: Function and Regulation. <i>PLoS ONE</i> , 2011, 6, e17080.  | 2.5  | 90        |
| 44 | Characterization of the proneural gene regulatory network during mouse telencephalon development. <i>BMC Biology</i> , 2008, 6, 15.   | 3.8  | 95        |
| 45 | Neurogenin 2 controls cortical neuron migration through regulation of <i>Rnd2</i> . <i>Nature</i> , 2008, 455, 114-118.   | 27.8 | 249       |
| 46 | Sprouty2 inhibits BDNF-induced signaling and modulates neuronal differentiation and survival. <i>Cell Death and Differentiation</i> , 2007, 14, 1802-1812.  | 11.2 | 65        |
| 47 | 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       |
| 48 | Sequential phases of cortical specification involve Neurogenin-dependent and -independent pathways. <i>EMBO Journal</i> , 2004, 23, 2892-2902.  | 7.8  | 355       |