

Yun-Jin Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7419940/publications.pdf>

Version: 2024-02-01

54
papers

3,428
citations

218677

26
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

3572
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Mind Bomb Is a Ubiquitin Ligase that Is Essential for Efficient Activation of Notch Signaling by Delta. <i>Developmental Cell</i> , 2003, 4, 67-82. | 7.0 | 716 |
| 2 | Notch signalling and the synchronization of the somite segmentation clock. <i>Nature</i> , 2000, 408, 475-479. | 27.8 | 499 |
| 3 | Fgf/MAPK signalling is a crucial positional cue in somite boundary formation. <i>Development (Cambridge)</i> , 2001, 128, 4873-4880. | 2.5 | 282 |
| 4 | Mutations affecting pigmentation and shape of the adult zebrafish. <i>Development Genes and Evolution</i> , 1996, 206, 260-276. | 0.9 | 164 |
| 5 | A Notch feeling of somite segmentation and beyond. <i>Developmental Biology</i> , 2004, 265, 2-22. | 2.0 | 156 |
| 6 | beamter/deltaC and the role of Notch ligands in the zebrafish somite segmentation, hindbrain neurogenesis and hypochord differentiation. <i>Developmental Biology</i> , 2005, 286, 391-404. | 2.0 | 135 |
| 7 | A Positive Regulatory Loop between foxi3a and foxi3b Is Essential for Specification and Differentiation of Zebrafish Epidermal Ionocytes. <i>PLoS ONE</i> , 2007, 2, e302. | 2.5 | 127 |
| 8 | Notch Activation Regulates the Segregation and Differentiation of Rhombomere Boundary Cells in the Zebrafish Hindbrain. <i>Developmental Cell</i> , 2004, 6, 539-550. | 7.0 | 123 |
| 9 | Jagged2a-Notch Signaling Mediates Cell Fate Choice in the Zebrafish Pronephric Duct. <i>PLoS Genetics</i> , 2007, 3, e18. | 3.5 | 120 |
| 10 | Wnt1 regulates neurogenesis and mediates lateral inhibition of boundary cell specification in the zebrafish hindbrain. <i>Development (Cambridge)</i> , 2005, 132, 775-785. | 2.5 | 102 |
| 11 | Sequence and embryonic expression of deltaC in the zebrafish. <i>Mechanisms of Development</i> , 2000, 90, 119-123. | 1.7 | 83 |
| 12 | Analyses of pancreas development by generation of gfp transgenic zebrafish using an exocrine pancreas-specific elastaseA gene promoter. <i>Experimental Cell Research</i> , 2006, 312, 1526-1539. | 2.6 | 82 |
| 13 | Genome-wide loss-of-function analysis of deubiquitylating enzymes for zebrafish development. <i>BMC Genomics</i> , 2009, 10, 637. | 2.8 | 65 |
| 14 | The chemokine Sdf-1 and its receptor Cxcr4 are required for formation of muscle in zebrafish. <i>BMC Developmental Biology</i> , 2007, 7, 54. | 2.1 | 64 |
| 15 | Haploinsufficiency of <i>RCBTB1</i> is associated with Coats disease and familial exudative vitreoretinopathy. <i>Human Molecular Genetics</i> , 2016, 25, 1637-1647. | 2.9 | 62 |
| 16 | The characterization of zebrafish antimorphic mib alleles reveals that Mib and Mind bomb-2 (Mib2) function redundantly. <i>Developmental Biology</i> , 2007, 305, 14-27. | 2.0 | 49 |
| 17 | Vertebrate segmentation: The clock is linked to Notch signalling. <i>Current Biology</i> , 1998, 8, R868-R871. | 3.9 | 45 |
| 18 | Two zebrafish Notch-dependent hairy/Enhancer-of-split-related genes, her6 and her4, are required to maintain the coordination of cyclic gene expression in the presomitic mesoderm. <i>Development (Cambridge)</i> , 2004, 131, 1529-1541. | 2.5 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Zebrafish Mib and Mib2 Are Mutual E3 Ubiquitin Ligases with Common and Specific Delta Substrates. <i>Journal of Molecular Biology</i> , 2007, 366, 1115-1128. | 4.2 | 39 |
| 20 | Pathogenesis of POLR1C-dependent Type 3 Treacher Collins Syndrome revealed by a zebrafish model. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1147-1158. | 3.8 | 38 |
| 21 | Different combinations of Notch ligands and receptors regulate V2 interneuron progenitor proliferation and V2a/V2b cell fate determination. <i>Developmental Biology</i> , 2014, 391, 196-206. | 2.0 | 37 |
| 22 | The zebrafish <i>udu</i> gene encodes a novel nuclear factor and is essential for primitive erythroid cell development. <i>Blood</i> , 2007, 110, 99-106. | 1.4 | 34 |
| 23 | Sequence and embryonic expression of three zebrafish <i>fringe</i> genes: <i>lunatic fringe</i> , <i>radical fringe</i> , and <i>manic fringe</i> . <i>Developmental Dynamics</i> , 2004, 231, 621-630. | 1.8 | 32 |
| 24 | New Classes of Mind Bomb-Interacting Proteins Identified from Yeast Two-Hybrid Screens. <i>PLoS ONE</i> , 2014, 9, e93394. | 2.5 | 30 |
| 25 | Notch Signaling Functions as a Cell-Fate Switch between the Endothelial and Hematopoietic Lineages. <i>Current Biology</i> , 2009, 19, 1616-1622. | 3.9 | 28 |
| 26 | Carp gamma-crystallins with high methionine content: Cloning and sequencing of the complementary DNA. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1988, 951, 226-229. | 2.4 | 26 |
| 27 | Zebrafish <i>id2</i> developmental expression pattern contains evolutionary conserved and species-specific characteristics. <i>Developmental Dynamics</i> , 2005, 234, 1055-1063. | 1.8 | 20 |
| 28 | Udu Deficiency Activates DNA Damage Checkpoint. <i>Molecular Biology of the Cell</i> , 2009, 20, 4183-4193. | 2.1 | 18 |
| 29 | Epstein-Barr virus BRLF1 induces genomic instability and progressive malignancy in nasopharyngeal carcinoma cells. <i>Oncotarget</i> , 2017, 8, 78948-78964. | 1.8 | 18 |
| 30 | Cyclic <i>Nrarp</i> mRNA expression is regulated by the somitic oscillator but <i>Nrarp</i> protein levels do not oscillate. <i>Developmental Dynamics</i> , 2009, 238, 3043-3055. | 1.8 | 16 |
| 31 | Off limits " Integrins holding boundaries in somitogenesis. <i>Trends in Cell Biology</i> , 2005, 15, 453-457. | 7.9 | 15 |
| 32 | Genomewide Expression Analysis in Zebrafish <i>mind bomb</i> Alleles with Pancreas Defects of Different Severity Identifies Putative Notch Responsive Genes. <i>PLoS ONE</i> , 2008, 3, e1479. | 2.5 | 15 |
| 33 | Zebrafish transforming growth factor- β -stimulated clone 22 domain 3 (TSC22D3) plays critical roles in Bmp-dependent dorsoventral patterning via two deubiquitylating enzymes <i>Usp15</i> and <i>Otud4</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4584-4593. | 2.4 | 15 |
| 34 | A Sketch of the Taiwan Zebrafish Core Facility. <i>Zebrafish</i> , 2016, 13, S-24-S-29. | 1.1 | 15 |
| 35 | Camptothecin-induced downregulation of MLL5 contributes to the activation of tumor suppressor p53. <i>Oncogene</i> , 2011, 30, 3599-3611. | 5.9 | 14 |
| 36 | Temporal Notch activation through Notch1a and Notch3 is required for maintaining zebrafish rhombomere boundaries. <i>Development Genes and Evolution</i> , 2009, 219, 339-351. | 0.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Myogenesis and moleculesâ€™ insights from zebrafish <i>Danio rerio</i> . <i>Journal of Fish Biology</i> , 2009, 74, 1693-1755. | 1.6 | 13 |
| 38 | Deltex1 is inhibited by the Notchâ€™Hairy/E(Spl) signaling pathway and induces neuronal and glial differentiation. <i>Neural Development</i> , 2015, 10, 28. | 2.4 | 11 |
| 39 | A new mib allele with a chromosomal deletion covering foxc1a exhibits anterior somite specification defect. <i>Scientific Reports</i> , 2015, 5, 10673. | 3.3 | 10 |
| 40 | Functional Screen of Zebrafish Deubiquitylating Enzymes by Morpholino Knockdown and In Situ Hybridization. <i>Methods in Molecular Biology</i> , 2012, 815, 321-331. | 0.9 | 10 |
| 41 | Nicastrin Deficiency Induces Tyrosinase-Dependent Depigmentation and Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2020, 140, 404-414.e13. | 0.7 | 9 |
| 42 | The deubiquitylating enzyme, Cops6, regulates different developmental processes during early zebrafish embryogenesis. <i>International Journal of Developmental Biology</i> , 2011, 55, 19-24. | 0.6 | 7 |
| 43 | Fibroblast Growth Factor Receptor 2c Signaling Is Required for Intestinal Cell Differentiation in Zebrafish. <i>PLoS ONE</i> , 2013, 8, e58310. | 2.5 | 6 |
| 44 | Genome-wide analysis identified novel susceptible genes of restless legs syndrome in migraineurs. <i>Journal of Headache and Pain</i> , 2022, 23, 39. | 6.0 | 6 |
| 45 | Delta/Jagged-mediated Notch signaling induces the differentiation of agr2-positive epidermal mucous cells in zebrafish embryos. <i>PLoS Genetics</i> , 2021, 17, e1009969. | 3.5 | 5 |
| 46 | Newly identified Gon4/Udu-interacting proteins implicate novel functions. <i>Scientific Reports</i> , 2020, 10, 14213. | 3.3 | 4 |
| 47 | Aberrant Global and Jagged-Mediated Notch Signaling Disrupts Segregation Between wt1-Expressing and Steroidogenic Tissues in Zebrafish. <i>Endocrinology</i> , 2017, 158, 4206-4217. | 2.8 | 3 |
| 48 | Morphology and Gene Expression Screening with Morpholinos in Zebrafish Embryos. <i>Methods in Molecular Biology</i> , 2016, 1470, 213-224. | 0.9 | 2 |
| 49 | Sun1 Mediates Interkinetic Nuclear Migration and Notch Signaling in the Neurogenesis of Zebrafish. <i>Stem Cells and Development</i> , 2019, 28, 1116-1127. | 2.1 | 2 |
| 50 | Phenotype Variability in the Patients of Familial Exudative Vitreoretinopathy: the RCBTB1 case. <i>Current Eye Research</i> , 2021, 46, 1931-1931. | 1.5 | 2 |
| 51 | Restoration of polr1c in Early Embryogenesis Rescues the Type 3 Treacher Collins Syndrome Facial Malformation Phenotype in Zebrafish. <i>American Journal of Pathology</i> , 2018, 188, 336-342. | 3.8 | 1 |
| 52 | Vertebrate Somite Development, Notch Signaling and Others. <i>Molecular Aspects of Fish and Marine Biology</i> , 2004, , 294-338. | 0.2 | 0 |
| 53 | Comparative transcriptomic characterization of a new mib mutant allele, mib, in zebrafish. <i>Gene</i> , 2018, 642, 51-57. | 2.2 | 0 |
| 54 | Does Nicastrin Inadequacy Cause Melanocytotoxicity in Human Skin as in the Fish Counterpart?. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1334-1338. | 0.7 | 0 |