

# Antonio Jacinto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4403585/publications.pdf>

Version: 2024-02-01

73  
papers

5,440  
citations

109264

35  
h-index

88593

70  
g-index

82  
all docs

82  
docs citations

82  
times ranked

5651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wound healing recapitulates morphogenesis in <i>Drosophila</i> embryos. <i>Nature Cell Biology</i> , 2002, 4, 907-912.	4.6	388
2	Mechanisms of epithelial fusion and repair. <i>Nature Cell Biology</i> , 2001, 3, E117-E123.	4.6	350
3	Transcriptional activation of hedgehog target genes in <i>Drosophila</i> is mediated directly by the cubitus interruptus protein, a member of the GLI family of zinc finger DNA-binding proteins.. <i>Genes and Development</i> , 1996, 10, 2003-2013.	2.7	345
4	Dynamic actin-based epithelial adhesion and cell matching during <i>Drosophila</i> dorsal closure. <i>Current Biology</i> , 2000, 10, 1420-1426.	1.8	311
5	Live imaging of wound inflammation in <i>Drosophila</i> embryos reveals key roles for small GTPases during in vivo cell migration. <i>Journal of Cell Biology</i> , 2005, 168, 567-573.	2.3	283
6	Dynamic Analysis of Dorsal Closure in <i>Drosophila</i> . <i>Developmental Cell</i> , 2002, 3, 9-19.	3.1	221
7	The role of transcription-independent damage signals in the initiation of epithelial wound healing. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 249-262.	16.1	217
8	Dynamic Analysis of Actin Cable Function during <i>Drosophila</i> Dorsal Closure. <i>Current Biology</i> , 2002, 12, 1245-1250.	1.8	191
9	Distinct mechanisms regulate hemocyte chemotaxis during development and wound healing in <i>Drosophila melanogaster</i> . <i>Journal of Cell Biology</i> , 2006, 173, 405-416.	2.3	186
10	<i>Drosophila melanogaster</i> embryonic haemocytes: masters of multitasking. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 542-551.	16.1	156
11	Video force microscopy reveals the mechanics of ventral furrow invagination in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22111-22116.	3.3	155
12	Coordinated cell-shape changes control epithelial movement in zebrafish and <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2006, 133, 2671-2681.	1.2	144
13	Differentiated skeletal cells contribute to blastema formation during zebrafish fin regeneration. <i>Development (Cambridge)</i> , 2011, 138, 3897-3905.	1.2	133
14	Coordinated waves of actomyosin flow and apical cell constriction immediately after wounding. <i>Journal of Cell Biology</i> , 2013, 202, 365-379.	2.3	125
15	Gap geometry dictates epithelial closure efficiency. <i>Nature Communications</i> , 2015, 6, 7683.	5.8	118
16	Planar polarity and actin dynamics in the epidermis of <i>Drosophila</i> . <i>Nature Cell Biology</i> , 2002, 4, 937-944.	4.6	109
17	Telomerase Is Required for Zebrafish Lifespan. <i>PLoS Genetics</i> , 2013, 9, e1003214.	1.5	107
18	Steroid Hormone Signaling Is Essential to Regulate Innate Immune Cells and Fight Bacterial Infection in <i>Drosophila</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003720.	2.1	102

#	ARTICLE	IF	CITATIONS
19	The Regenerative Capacity of the Zebrafish Caudal Fin Is Not Affected by Repeated Amputations. PLoS ONE, 2011, 6, e22820.	1.1	98
20	Compartmentalisation of Rho regulators directs cell invagination during tissue morphogenesis. Development (Cambridge), 2006, 133, 4257-4267.	1.2	96
21	Coordinated Control of Cell Adhesion, Polarity, and Cytoskeleton Underlies Hox-Induced Organogenesis in Drosophila. Current Biology, 2006, 16, 2206-2216.	1.8	88
22	Dpp signalling orchestrates dorsal closure by regulating cell shape changes both in the amnioserosa and in the epidermis. Mechanisms of Development, 2007, 124, 884-897.	1.7	82
23	The small GTPase Rac plays multiple roles in epithelial sheet fusion—dynamic studies of Drosophila dorsal closure. Developmental Biology, 2005, 282, 163-173.	0.9	76
24	Secretion of the amino-terminal fragment of the Hedgehog protein is necessary and sufficient for hedgehog signalling in Drosophila. Current Biology, 1995, 5, 643-650.	1.8	74
25	Genetic Screen in <i>Drosophila melanogaster</i> Uncovers a Novel Set of Genes Required for Embryonic Epithelial Repair. Genetics, 2010, 184, 129-140.	1.2	66
26	Trends in tissue repair and regeneration. Development (Cambridge), 2017, 144, 357-364.	1.2	62
27	Denervation impairs regeneration of amputated zebrafish fins. BMC Developmental Biology, 2014, 14, 49.	2.1	58
28	HLA-DR in Cytotoxic T Lymphocytes Predicts Breast Cancer Patients' Response to Neoadjuvant Chemotherapy. Frontiers in Immunology, 2018, 9, 2605.	2.2	57
29	The right time for senescence. ELife, 2021, 10, .	2.8	56
30	Yap control of tissue growth relies on cell density and F-actin in zebrafish fin regeneration. Development (Cambridge), 2015, 142, 2752-63.	1.2	50
31	The Toll/NF- $\kappa$ B signaling pathway is required for epidermal wound repair in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5373-82.	3.3	47
32	How many diseases is triple negative breast cancer: the protagonism of the immune microenvironment. ESMO Open, 2017, 2, e000208.	2.0	47
33	In Vivo Cell and Tissue Dynamics Underlying Zebrafish Fin Fold Regeneration. PLoS ONE, 2012, 7, e51766.	1.1	47
34	A new zebrafish bone crush injury model. Biology Open, 2012, 1, 915-921.	0.6	45
35	DRhoGEF2 Regulates Cellular Tension and Cell Pulsations in the Amnioserosa during Drosophila Dorsal Closure. PLoS ONE, 2011, 6, e23964.	1.1	44
36	Plexins function in epithelial repair in both Drosophila and zebrafish. Nature Communications, 2016, 7, 12282.	5.8	40

#	ARTICLE	IF	CITATIONS
37	Establishment of a 3D Co-culture With MDA-MB-231 Breast Cancer Cell Line and Patient-Derived Immune Cells for Application in the Development of Immunotherapies. <i>Frontiers in Oncology</i> , 2020, 10, 1543.	1.3	40
38	<i>Drosophila</i> integrin adhesion complexes are essential for hemocyte migration in vivo. <i>Biology Open</i> , 2013, 2, 795-801.	0.6	39
39	Actin in development. <i>Mechanisms of Development</i> , 2003, 120, 1337-1349.	1.7	36
40	Targeting senescent cells improves functional recovery after spinal cord injury. <i>Cell Reports</i> , 2021, 36, 109334.	2.9	36
41	Epithelial resealing. <i>International Journal of Developmental Biology</i> , 2009, 53, 1549-1556.	0.3	35
42	V-ATPase Proton Pumping Activity Is Required for Adult Zebrafish Appendage Regeneration. <i>PLoS ONE</i> , 2014, 9, e92594.	1.1	33
43	The <i>Drosophila</i> larva as a tool to study gut-associated macrophages: PI3K regulates a discrete hemocyte population at the proventriculus. <i>Developmental and Comparative Immunology</i> , 2012, 36, 638-647.	1.0	32
44	Integrin Adhesions Suppress Syncytium Formation in the <i>Drosophila</i> Larval Epidermis. <i>Current Biology</i> , 2015, 25, 2215-2227.	1.8	32
45	<i>Drosophila</i> Host Model Reveals New <i>Enterococcus faecalis</i> Quorum-Sensing Associated Virulence Factors. <i>PLoS ONE</i> , 2013, 8, e64740.	1.1	30
46	Filopodia. <i>Current Biology</i> , 2001, 11, R634.	1.8	27
47	Morphogenesis: Unravelling the cell biology of hole closure. <i>Current Biology</i> , 2001, 11, R705-R707.	1.8	26
48	The role of transcription-independent damage signals in the initiation of epithelial wound healing. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 249-62.	16.1	26
49	An amputation resets positional information to a proximal identity in the regenerating zebrafish caudal fin. <i>BMC Developmental Biology</i> , 2012, 12, 24.	2.1	23
50	<i>Drosophila</i> Hemocyte Migration: An In Vivo Assay for Directional Cell Migration. <i>Methods in Molecular Biology</i> , 2011, 769, 249-260.	0.4	22
51	Drp1-mediated mitochondrial fission regulates calcium and F-actin dynamics during wound healing. <i>Biology Open</i> , 2020, 9, .	0.6	22
52	Hole-in-One Mutant Phenotypes Link EGFR/ERK Signaling to Epithelial Tissue Repair in <i>Drosophila</i> . <i>PLoS ONE</i> , 2011, 6, e28349.	1.1	22
53	Renal regeneration after acute kidney injury. <i>Nephrology</i> , 2018, 23, 805-814.	0.7	20
54	Occluding junctions as novel regulators of tissue mechanics during wound repair. <i>Journal of Cell Biology</i> , 2018, 217, 4267-4283.	2.3	19

#	ARTICLE	IF	CITATIONS
55	Circulating low density neutrophils of breast cancer patients are associated with their worse prognosis due to the impairment of T cell responses. <i>Oncotarget</i> , 2021, 12, 2388-2403.	0.8	19
56	Yap induces osteoblast differentiation by modulating Bmp signalling during zebrafish caudal fin regeneration. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	18
57	The Henna pigment Lawsone activates the Aryl Hydrocarbon Receptor and impacts skin homeostasis. <i>Scientific Reports</i> , 2019, 9, 10878.	1.6	17
58	Genetic Variants Underlying Risk of Intracranial Aneurysms: Insights from a GWAS in Portugal. <i>PLoS ONE</i> , 2015, 10, e0133422.	1.1	13
59	Imaging Cell Movement During Dorsal Closure in <i>Drosophila</i> Embryos. , 2005, 294, 203-210.		12
60	Cholesteryl hemiesters alter lysosome structure and function and induce proinflammatory cytokine production in macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 210-220.	1.2	11
61	Yap Regulates Müller Glia Reprogramming in Damaged Zebrafish Retinas. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 667796.	1.8	10
62	Expression of HLA-DR in Cytotoxic T Lymphocytes: A Validated Predictive Biomarker and a Potential Therapeutic Strategy in Breast Cancer. <i>Cancers</i> , 2021, 13, 3841.	1.7	9
63	Cloning and characterization of two ubiquitin::79-amino-acid extension protein-encoding fusion genes from <i>Lupinus albus</i> . <i>Gene</i> , 1994, 139, 201-205.	1.0	5
64	A Dietary Cholesterol-Based Intestinal Inflammation Assay for Improving Drug-Discovery on Inflammatory Bowel Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 674749.	1.8	5
65	The Cadherin Superfamily in <i>Anopheles gambiae</i> : a Comparative Study With <i>Drosophila melanogaster</i> . <i>Comparative and Functional Genomics</i> , 2005, 6, 204-216.	2.0	4
66	Identification of Novel Hemangioblast Genes in the Early Chick Embryo. <i>Cells</i> , 2018, 7, 9.	1.8	4
67	Novel role for Grainy head in the regulation of cytoskeletal and junctional dynamics during epithelial repair. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	2
68	Control of tissue growth by Yap relies on cell density and F-actin in zebrafish fin regeneration. <i>Journal of Cell Science</i> , 2015, 128, e1.2-e1.2.	1.2	2
69	theLiTE <sup>2</sup> : A Screening Platform to Identify Compounds that Reinforce Tight Junctions. <i>Frontiers in Pharmacology</i> , 2021, 12, 752787.	1.6	1
70	Urinary immune cell phenotype of severe AKI in critically ill patients. <i>International Urology and Nephrology</i> , 2022, 54, 2047-2055.	0.6	1
71	Hedgehog Signalling in <i>Drosophila</i> and Vertebrate Development. <i>Animal Biology</i> , 1995, 46, 97-114.	0.4	0
72	03-P031 Searching <i>Drosophila</i> for new genes involved in wound healing. <i>Mechanisms of Development</i> , 2009, 126, S76.	1.7	0

#	ARTICLE	IF	CITATIONS
73	A Bird's Eye View on the Origin of Aortic Hemogenic Endothelial Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 605274.	1.8	0