

Maria Dominguez

List of Publications by Year in descending order

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39
papers

4,907
citations

201674

27
h-index

302126

39
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42
all docs

42
docs citations

42
times ranked

5995
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutational loss of PTEN induces resistance to NOTCH1 inhibition in T-cell leukemia. <i>Nature Medicine</i> , 2007, 13, 1203-1210.	30.7	804
2	Genetic inactivation of the polycomb repressive complex 2 in T cell acute lymphoblastic leukemia. <i>Nature Medicine</i> , 2012, 18, 298-302.	30.7	453
3	Imaginal Discs Secrete Insulin-Like Peptide 8 to Mediate Plasticity of Growth and Maturation. <i>Science</i> , 2012, 336, 579-582.	12.6	431
4	Sending and Receiving the Hedgehog Signal: Control by the Drosophila Gli Protein Cubitus interruptus. <i>Science</i> , 1996, 272, 1621-1625.	12.6	282
5	A dorsal/ventral boundary established by Notch controls growth and polarity in the Drosophila eye. <i>Nature</i> , 1998, 396, 276-278.	27.8	245
6	The role of the PTEN/AKT Pathway in NOTCH1-induced leukemia. <i>Cell Cycle</i> , 2008, 7, 965-970.	2.6	211
7	Multiple functions of the EGF receptor in Drosophila eye development. <i>Current Biology</i> , 1998, 8, 1039-1048.	3.9	205
8	Epigenetic silencers and Notch collaborate to promote malignant tumours by Rb silencing. <i>Nature</i> , 2006, 439, 430-436.	27.8	197
9	Hedgehog directly controls initiation and propagation of retinal differentiation in the <i>Drosophila</i> eye. <i>Genes and Development</i> , 1997, 11, 3254-3264.	5.9	175
10	Endocrine remodelling of the adult intestine sustains reproduction in Drosophila. <i>ELife</i> , 2015, 4, e06930.	6.0	167
11	Histone demethylase KDM5A is an integral part of the core Notch RBP-J repressor complex. <i>Genes and Development</i> , 2010, 24, 590-601.	5.9	162
12	A brain circuit that synchronizes growth and maturation revealed through Dilp8 binding to Lgr3. <i>Science</i> , 2015, 350, aac6767.	12.6	155
13	Targeting Notch signalling by the conserved miR-8/200 microRNA family in development and cancer cells. <i>EMBO Journal</i> , 2011, 30, 756-769.	7.8	140
14	Growth and specification of the eye are controlled independently by Eyegone and Eyeless in <i>Drosophila melanogaster</i> . <i>Nature Genetics</i> , 2004, 36, 31-39.	21.4	134
15	Control of drosophila photoreceptor cell fates by phyllopod, a novel nuclear protein acting downstream of the raf kinase. <i>Cell</i> , 1995, 80, 453-462.	28.9	117
16	Two-step process for photoreceptor formation in Drosophila. <i>Nature</i> , 2001, 412, 911-913.	27.8	113
17	Mutations Modulating Raf Signaling in Drosophila Eye Development. <i>Genetics</i> , 1996, 142, 163-171.	2.9	112
18	Robust intestinal homeostasis relies on cellular plasticity in enteroblasts mediated by miR-8 Escargot switch. <i>EMBO Journal</i> , 2015, 34, 2025-2041.	7.8	110

#	ARTICLE	IF	CITATIONS
19	Organ specification-growth control connection: New in-sights from the Drosophila eye-antennal disc. <i>Developmental Dynamics</i> , 2005, 232, 673-684.	1.8	101
20	A phospho-dependent mechanism involving NCoR and KMT2D controls a permissive chromatin state at Notch target genes. <i>Nucleic Acids Research</i> , 2016, 44, 4703-4720.	14.5	77
21	Conserved miR-8/miR-200 Defines a Glial Niche that Controls Neuroepithelial Expansion and Neuroblast Transition. <i>Developmental Cell</i> , 2013, 27, 174-187.	7.0	64
22	PI3K/Akt Cooperates with Oncogenic Notch by Inducing Nitric Oxide-Dependent Inflammation. <i>Cell Reports</i> , 2018, 22, 2541-2549.	6.4	61
23	Chromatin-Bound H3K9me3 Regulates a Subset of Polycomb Target Genes in Differentiation and Cancer. <i>Cancer Cell</i> , 2013, 24, 151-166.	16.8	46
24	The position and function of the Notch-mediated eye growth organizer: the roles of JAK/STAT and four E-proteins. <i>EMBO Reports</i> , 2009, 10, 1051-1058.	4.5	44
25	Histone variant H2A.Z deposition and acetylation directs the canonical Notch signaling response. <i>Nucleic Acids Research</i> , 2018, 46, 8197-8215.	14.5	44
26	Notch and EGFR regulate apoptosis in progenitor cells to ensure gut homeostasis in <i>Drosophila</i> . <i>EMBO Journal</i> , 2019, 38, e101346.	7.8	42
27	Ecdysone-Induced 3D Chromatin Reorganization Involves Active Enhancers Bound by Pipsqueak and Polycomb. <i>Cell Reports</i> , 2019, 28, 2715-2727.e5.	6.4	32
28	scRNA-seq identifies a Long Non-coding RNA in JNK Signaling in Epithelial Shape Changes during <i>Drosophila</i> Dorsal Closure. <i>PLoS Genetics</i> , 2015, 11, e1004927.	3.5	30
29	Intron retention in the <i>Drosophila melanogaster</i> Rieske iron sulphur protein gene generated a new protein. <i>Nature Communications</i> , 2011, 2, 323.	12.8	29
30	Dampening the Signals Transduced through Hedgehog via MicroRNA miR-7 Facilitates Notch-Induced Tumorigenesis. <i>PLoS Biology</i> , 2013, 11, e1001554.	5.6	24
31	Oncogenic programmes and Notch activity: An "organized crime"? <i>Seminars in Cell and Developmental Biology</i> , 2014, 28, 78-85.	5.0	19
32	Systemic signalling and local effectors in developmental stability, body symmetry, and size. <i>Cell Stress</i> , 2018, 2, 340-361.	3.2	19
33	Body-fat sensor triggers ribosome maturation in the steroidogenic gland to initiate sexual maturation in <i>Drosophila</i> . <i>Cell Reports</i> , 2021, 37, 109830.	6.4	14
34	Genetic dissection of cell fate specification in the developing eye of <i>Drosophila</i> . <i>Seminars in Cell and Developmental Biology</i> , 1996, 7, 219-226.	5.0	12
35	Interplay between Notch Signaling and Epigenetic Silencers in Cancer: Figure 1.. <i>Cancer Research</i> , 2006, 66, 8931-8934.	0.9	12
36	Mesenchymal to epithelial transition during tissue homeostasis and regeneration: Patching up the <i>Drosophila</i> midgut epithelium. <i>Fly</i> , 2015, 9, 132-137.	1.7	11

#	ARTICLE	IF	CITATIONS
37	A Blueprint for Cancer-Related Inflammation and Host Innate Immunity. <i>Cells</i> , 2021, 10, 3211.	4.1	7
38	Using <i>Drosophila</i> Models and Tools to Understand the Mechanisms of Novel Human Cancer Driver Gene Function. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1167, 15-35.	1.6	2
39	Editorial. <i>Seminars in Cell and Developmental Biology</i> , 2014, 28, 62.	5.0	0