Eduardo Moreno Lampaya

List of Publications by Year
in descending order

60 papers	4,672 citations	136950 32 h-index	128289 60 g-index
68 all docs	68 docs citations	68 times ranked	3531 citing authors

#	Article	IF	Citations
1	Role of cell competition in ageing. Developmental Biology, 2021, 476, 79-87.	2.0	10
2	Cell competition in intratumoral and tumor microenvironment interactions. EMBO Journal, 2021, 40, e107271.	7.8	48
3	Flower lose, a cell fitness marker, predicts COVIDâ€19 prognosis. EMBO Molecular Medicine, 2021, 13, e13714.	6.9	4
4	Cell competition from development to neurodegeneration. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	3
5	Neuronal Selection Based on Relative Fitness Comparison Detects and Eliminates Amyloid-Î²-Induced Hyperactive Neurons in Drosophila. IScience, 2020, 23, 101468.	4.1	7
6	SPARC-p53: The double agents of cancer. Advances in Cancer Research, 2020, 148, 171-199.	5.0	18
7	Cell Competition Boosts Clonal Evolution and Hypoxic Selection in Cancer. Trends in Cell Biology, 2020, 30, 967-978.	7.9	17
8	Emerging Role of Cell Competition in Cancer. Seminars in Cancer Biology, 2020, 63, iii-iv.	9.6	5
9	Cell Competition Spurs Selection of Aggressive Cancer Cells. Trends in Cancer, 2020, 6, 732-736.	7.4	16
10	Flower isoforms promote competitive growth inÂcancer. Nature, 2019, 572, 260-264.	27.8	96
11	Emerging links between cell competition and Alzheimer's disease. Journal of Cell Science, 2019, 132, .	2.0	12
12	HIF-transcribed p53 chaperones HIF-1Î±. Nucleic Acids Research, 2019, 47, 10212-10234.	14.5	43
13	Competition for Space Induces Cell Elimination through Compaction-Driven ERK Downregulation. Current Biology, 2019, 29, 23-34.e8.	3.9	100
14	Mechanical cell competition. Current Opinion in Cell Biology, 2018, 51, 15-21.	5.4	54
15	Culling Less Fit Neurons Protects against Amyloid-Î²-Induced Brain Damage and Cognitive and Motor Decline. Cell Reports, 2018, 25, 3661-3673.e3.	6.4	38
16	Cell competition in development: information from flies and vertebrates. Current Opinion in Cell Biology, 2018, 55, 150-157.	5.4	59
17	The Toll pathway inhibits tissue growth and regulates cell fitness in an infection-dependent manner. ELife, 2018, 7, .	6.0	36
18	Survival of the Fittest: Essential Roles of Cell Competition in Development, Aging, and Cancer. Trends in Cell Biology, 2016, 26, 776-788.	7.9	121

#	Article	IF	Citations
19	Tissue Crowding Induces Caspase-Dependent Competition for Space. Current Biology, 2016, 26, 670-677.	3.9	179
20	How to be in a good shape? The influence of clone morphology on cell competition. Communicative and Integrative Biology, 2016, 9, e1102806.	1.4	8
21	Active JNK-dependent secretion of Drosophila Tyrosyl-tRNA synthetase by loser cells recruits haemocytes during cell competition. Nature Communications, 2015, 6, 10022.	12.8	38
22	Cell Competition During Growth and Regeneration. Annual Review of Genetics, 2015, 49, 697-718.	7.6	43
23	Elimination of Unfit Cells Maintains Tissue Health and Prolongs Lifespan. Cell, 2015, 160, 461-476.	28.9	138
24	An intergenic regulatory region mediates Drosophila Myc-induced apoptosis and blocks tissue hyperplasia. Oncogene, 2015, 34, 2385-2397.	5.9	23
25	Brain Regeneration in Drosophila Involves Comparison of Neuronal Fitness. Current Biology, 2015, 25, 955-963.	3.9	41
26	Cell mixing induced by myc is required for competitive tissue invasion and destruction. Nature, 2015, 524, 476-480.	27.8	123
27	Darwinian tumour suppression. Nature, 2014, 509, 435-436.	27.8	11
28	Oxygen regulates molecular mechanisms of cancer progression and metastasis. Cancer and Metastasis Reviews, 2014, 33, 183-215.	5.9	10
29	Darwin's multicellularity: from neurotrophic theories and cell competition to fitness fingerprints. Current Opinion in Cell Biology, 2014, 31, 16-22.	5.4	33
30	Adult Neurogenesis in Drosophila. Cell Reports, 2013, 3, 1857-1865.	6.4	80
31	â€œFitness Fingerprintsâ€•Mediate Physiological Culling of Unwanted Neurons in Drosophila. Current Biology, 2013, 23, 1300-1309.	3.9	64
32	How winner cells cause the demise of loser cells. BioEssays, 2013, 35, 348-353.	2.5	10
33	Mechanisms of cell competition: Themes and variations. Journal of Cell Biology, 2013, 200, 689-698.	5.2	128
34	The â€œOut of Africa Tribeâ€•(II). Communicative and Integrative Biology, 2013, 6, e24145.	1.4	2
35	Flower-deficient mice have reduced susceptibility to skin papilloma formation. DMM Disease Models and Mechanisms, 2012, 5, 553-61.	2.4	37
36	Cell Competition Time Line: Winners Kill Losers, which Are Extruded and Engulfed by Hemocytes. Cell Reports, 2012, 2, 526-539.	6.4	81

#	Article	IF	Citations
37	Design and Construction of â€œSynthetic Speciesâ€• PLoS ONE, 2012, 7, e39054.	2.5	22
38	The Origin of Patterning Systems in Bilateriaâ€”Insights from the Hox and ParaHox Genes in Acoelomorpha. Genomics, Proteomics and Bioinformatics, 2011, 9, 65-76.	6.9	10
39	Design and construction of a new Drosophila species, D.synthetica, by synthetic regulatory evolution. Nature Precedings, 2011, , .	0.1	0
40	The flower code and cancer development. Clinical and Translational Oncology, 2011, 13, 5-9.	2.4	13
41	The expression of SPARC in human tumors is consistent with its role during cell competition. Communicative and Integrative Biology, 2011, 4, 171-174.	1.4	25
42	The society of our â€œout of Africaâ€•ancestors (I). Communicative and Integrative Biology, 2011, 4, 163-170.	1.4	14
43	Inferring the ancestral function of the posterior Hox gene within the bilateria: controlling the maintenance of reproductive structures, the musculature and the nervous system in the acoel flatworm Isodiametra pulchra. Evolution & Development, 2010, 12, 258-266.	2.0	17
44	A war-prone tribe migrated out of Africa to populate the world.. Nature Precedings, 2010, , .	0.1	3
45	Flower Forms an Extracellular Code that Reveals the Fitness of a Cell to its Neighbors in Drosophila. Developmental Cell, 2010, 18, 985-998.	7.0	189
46	Drosophila SPARC Is a Self-Protective Signal Expressed by Loser Cells during Cell Competition. Developmental Cell, 2010, 19, 562-573.	7.0	115
47	Persistent competition among stem cells and their daughters in theDrosophilaovary germline niche. Development (Cambridge), 2009, 136, 995-1006.	2.5	84
48	Super competition as a possible mechanism to pioneer precancerous fields. Carcinogenesis, 2009, 30, 723-728.	2.8	53
49	The co-regulator dNAB interacts with Brinker to eliminate cells with reduced Dpp signaling. Development (Cambridge), 2009, 136, 1137-1145.	2.5	16
50	Tracking the origins of the bilaterian Hox patterning system: insights from the acoel flatworm Symsagittifera roscoffensis. Evolution & Development, 2009, 11, 574-581.	2.0	44
51	BM-derived cells randomly contribute to neoplastic and non-neoplastic epithelial tissues at low rates. Bone Marrow Transplantation, 2008, 42, 749-755.	2.4	7
52	Is cell competition relevant to cancer?. Nature Reviews Cancer, 2008, 8, 141-147.	28.4	176
53	The Biocide Triclosan Selects Stenotrophomonas maltophilia Mutants That Overproduce the SmeDEF Multidrug Efflux Pump. Antimicrobial Agents and Chemotherapy, 2005, 49, 781-782.	3.2	108
54	The competitive nature of cells. Experimental Cell Research, 2005, 306, 317-322.	2.6	36

#	Article	IF	Citations
55	The brinker gradient controls wing growth in Drosophila. Development (Cambridge), 2004, 131, 4921-4930.	2.5	90
56	dMyc Transforms Cells into Super-Competitors. Cell, 2004, 117, 117-129.	28.9	534
57	Evolution of TNF Signaling Mechanisms. Current Biology, 2002, 12, 1263-1268.	3.9	342
58	Cells compete for Decapentaplegic survival factor to prevent apoptosis in Drosophila wing development. Nature, 2002, 416, 755-759.	27.8	410
59	Caudal is the Hox gene that specifies the most posterior Drosophile segment. Nature, 1999, 400, 873-877.	27.8	125
60	Visualization of Gene Expression in Living Adult Drosophila. Science, 1996, 274, 252-255.	12.6	482