

Carlos Carmona-Fontaine

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,032
citations

471371

17
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

3488
citing authors

#	ARTICLE	IF	CITATIONS
1	The MEMIC is an <i>ex vivo</i> system to model the complexity of the tumor microenvironment. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	7
2	Glutamine independence is a selectable feature of pluripotent stem cells. Nature Metabolism, 2019, 1, 676-687.	5.1	46
3	Î±-Ketoglutarate links p53 to cell fate during tumour suppression. Nature, 2019, 573, 595-599.	13.7	187
4	Evolution at the Edge of Expanding Populations. American Naturalist, 2019, 194, 291-305.	1.0	40
5	The metabolic axis of macrophage and immune cell polarization. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	46
6	Metabolic origins of spatial organization in the tumor microenvironment. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2934-2939.	3.3	259
7	L-2-Hydroxyglutarate production arises from noncanonical enzyme function at acidic pH. Nature Chemical Biology, 2017, 13, 494-500.	3.9	190
8	Extracellular matrix couples the convergence movements of mesoderm and neural plate during the early stages of neurulation. Developmental Dynamics, 2016, 245, 580-589.	0.8	25
9	Delamination of neural crest cells requires transient and reversible Wnt inhibition mediated by DACT1/2. Development (Cambridge), 2016, 143, 2194-205.	1.2	39
10	Directional Collective Cell Migration Emerges as a Property of Cell Interactions. PLoS ONE, 2014, 9, e104969.	1.1	68
11	Hyperswarming adaptations in a bacterium improve collective motility without enhancing single cell motility. Soft Matter, 2014, 10, 2405-2413.	1.2	31
12	Mesoderm is required for coordinated cell movements within zebrafish neural plate in vivo. Neural Development, 2014, 9, 9.	1.1	29
13	Tumourâ€™stromal interactions generate emergent persistence in collective cancer cell migration. Interface Focus, 2013, 3, 20130017.	1.5	28
14	Emergence of spatial structure in the tumor microenvironment due to the Warburg effect. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19402-19407.	3.3	122
15	Altruistic cell death and collective drug resistance. Molecular Systems Biology, 2012, 8, 627.	3.2	14
16	Complement Fragment C3a Controls Mutual Cell Attraction during Collective Cell Migration. Developmental Cell, 2011, 21, 1026-1037.	3.1	271
17	Contact inhibition of locomotion in vivo controls neural crest directional migration. Nature, 2008, 456, 957-961.	13.7	518
18	Directional cell migration in vivo. Cell Adhesion and Migration, 2008, 2, 240-242.	1.1	53

#	ARTICLE	IF	CITATIONS
19	Neural crests are actively precluded from the anterior neural fold by a novel inhibitory mechanism dependent on Dickkopf1 secreted by the prechordal mesoderm. <i>Developmental Biology</i> , 2007, 309, 208-221.	0.9	54