Tatiana A Omelchenko

List of Publications by Year
in descending order

13	981	933447 10	1125743 13
papers	citations	h-index	g-index

14	14	14	1835
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The kinesin-4 protein Kif7 regulates mammalian Hedgehog signalling by organizing the cilium tip compartment. Nature Cell Biology, 2014, 16, 663-672.	10.3	258
2	Integrated Proteogenomic Characterization across Major Histological Types of Pediatric Brain Cancer. Cell, 2020, 183, 1962-1985.e31.	28.9	177
3	Schwann cells induce cancer cell dispersion and invasion. Journal of Clinical Investigation, 2016, 126, 1538-1554.	8.2	176
4	Rac1-Dependent Collective Cell Migration Is Required for Specification of the Anterior-Posterior Body Axis of the Mouse. PLoS Biology, 2010, 8, e1000442.	5.6	97
5	Myosin-IXA Regulates Collective Epithelial Cell Migration by Targeting RhoGAP Activity to Cell-Cell Junctions. Current Biology, 2012, 22, 278-288.	3.9	83
6	Crumbs2 promotes cell ingression during the epithelial-to-mesenchymal transition at gastrulation. Nature Cell Biology, 2016, 18, 1281-1291.	10.3	73
7	Î²-Pix directs collective migration of anterior visceral endoderm cells in the early mouse embryo. Genes and Development, 2014, 28, 2764-2777.	5.9	45
8	Cdc42 Mediates Cancer Cell Chemotaxis in Perineural Invasion. Molecular Cancer Research, 2020, 18, 913-925.	3.4	19
9	The tumor suppressor PTEN and the PDK1 kinase regulate formation of the columnar neural epithelium. ELife, 2016, 5, e12034.	6.0	19
10	Regulation of collective cell migration by RhoGAP myosin IXA. Small GTPases, 2012, 3, 213-218.	1.6	14
11	Î²-Pix-dependent cellular protrusions propel collective mesoderm migration in the mouse embryo. Nature Communications, 2020, 11, 6066.	12.8	8
12	Immune Escape in Prostate Cancer. Urologic Clinics of North America, 2020, 47, e9-e16.	1.8	7
13	Cellular protrusions in 3D: Orchestrating early mouse embryogenesis. Seminars in Cell and Developmental Biology, 2022, 129, 63-74.	5.0	5