

Jordi Solana

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,010
citations

759055

12
h-index

940416

16
g-index

20
all docs

20
docs citations

20
times ranked

3635
citing authors

#	ARTICLE	IF	CITATIONS
1	PAGA: graph abstraction reconciles clustering with trajectory inference through a topology preserving map of single cells. <i>Genome Biology</i> , 2019, 20, 59.	3.8	911
2	Cell type atlas and lineage tree of a whole complex animal by single-cell transcriptomics. <i>Science</i> , 2018, 360, .	6.0	381
3	Gene expression of pluripotency determinants is conserved between mammalian and planarian stem cells. <i>EMBO Journal</i> , 2012, 31, 2755-2769.	3.5	136
4	Defining the molecular profile of planarian pluripotent stem cells using a combinatorial RNA-seq, RNA interference and irradiation approach. <i>Genome Biology</i> , 2012, 13, R19.	13.9	135
5	Spoltud-1 is a chromatoid body component required for planarian long-term stem cell self-renewal. <i>Developmental Biology</i> , 2009, 328, 410-421.	0.9	83
6	Closing the circle of germline and stem cells: the Primordial Stem Cell hypothesis. <i>EvoDevo</i> , 2013, 4, 2.	1.3	81
7	Conserved functional antagonism of CELF and MBNL proteins controls stem cell-specific alternative splicing in planarians. <i>ELife</i> , 2016, 5, .	2.8	48
8	ACME dissociation: a versatile cell fixation-dissociation method for single-cell transcriptomics. <i>Genome Biology</i> , 2021, 22, 89.	3.8	39
9	An in situ hybridization protocol for planarian embryos: monitoring myosin heavy chain gene expression. <i>Development Genes and Evolution</i> , 2005, 215, 482-488.	0.4	35
10	Planarian MBD2/3 is required for adult stem cell pluripotency independently of DNA methylation. <i>Developmental Biology</i> , 2013, 384, 141-153.	0.9	35
11	The CCR4-NOT Complex Mediates Deadenylation and Degradation of Stem Cell mRNAs and Promotes Planarian Stem Cell Differentiation. <i>PLoS Genetics</i> , 2013, 9, e1004003.	1.5	29
12	<i>SpolvgA</i> is a DDX3/PL10-related DEAD-box RNA helicase expressed in blastomeres and embryonic cells in planarian embryonic development. <i>International Journal of Biological Sciences</i> , 2009, 5, 64-73.	2.6	22
13	The Integrator complex regulates differential snRNA processing and fate of adult stem cells in the highly regenerative planarian <i>Schmidtea mediterranea</i> . <i>PLoS Genetics</i> , 2018, 14, e1007828.	1.5	14
14	Post-transcriptional regulation in planarian stem cells. <i>Seminars in Cell and Developmental Biology</i> , 2019, 87, 69-78.	2.3	12
15	RNA In Situ Hybridization on Planarian Paraffin Sections. <i>Methods in Molecular Biology</i> , 2018, 1774, 393-404.	0.4	5
16	Whole-Mount In Situ Hybridization Using DIG-Labeled Probes in Planarian. <i>Methods in Molecular Biology</i> , 2014, 1211, 41-51.	0.4	4