JosÃ© Cr Silva

List of Publications by Year
in descending order

41 papers	9,562 citations	185998 28 h-index	315357 38 g-index
46 all docs	46 docs citations	46 times ranked	10402 citing authors

#	Article	IF	Citations
1	OCT4 activates a <i>Suv39h1</i>-repressive antisense lncRNA to couple histone H3 Lysine 9 methylation to pluripotency. Nucleic Acids Research, 2022, 50, 7367-7379.	6.5	7
2	Sox2 modulation increases naÃ¯ve pluripotency plasticity. IScience, 2021, 24, 102153.	1.9	12
3	Auxin-degron system identifies immediate mechanisms of OCT4. Stem Cell Reports, 2021, 16, 1818-1831.	2.3	12
4	OCT4 induces embryonic pluripotency via STAT3 signaling and metabolic mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	31
5	StemBond hydrogels control the mechanical microenvironment for pluripotent stem cells. Nature Communications, 2021, 12, 6132.	5.8	22
6	Distinct Molecular Trajectories Converge to Induce Naive Pluripotency. Cell Stem Cell, 2019, 25, 388-406.e8.	5.2	33
7	WDR5, BRCA1, and BARD1 Co-regulate the DNA Damage Response andÂModulate the Mesenchymal-to-Epithelial Transition during Early Reprogramming. Stem Cell Reports, 2019, 12, 743-756.	2.3	17
8	Longâ€Term Perfusion Culture of Monoclonal Embryonic Stem Cells in 3D Hydrogel Beads for Continuous Optical Analysis of Differentiation. Small, 2019, 15, e1804576.	5.2	35
9	ZMYM2 inhibits NANOG-mediated reprogramming. Wellcome Open Research, 2019, 4, 88.	0.9	8
10	Exit from Naive Pluripotency Induces a Transient X Chromosome Inactivation-like State in Males. Cell Stem Cell, 2018, 22, 919-928.e6.	5.2	40
11	One-step generation of conditional and reversible gene knockouts. Nature Methods, 2017, 14, 287-289.	9.0	72
12	Reprogramming human cells to naÃ¯ve pluripotency: how close are we?. Current Opinion in Genetics and Development, 2017, 46, 58-65.	1.5	14
13	Editorial overview: Cell reprogramming, regeneration and repair. Current Opinion in Genetics and Development, 2014, 28, v-vi.	1.5	0
14	NANOG Amplifies STAT3 Activation and They Synergistically Induce the Naive Pluripotent Program. Current Biology, 2014, 24, 340-346.	1.8	60
15	Nanog Is Dispensable for the Generation of Induced Pluripotent Stem Cells. Current Biology, 2014, 24, 347-350.	1.8	69
16	Citrullination regulates pluripotency and histone H1 binding to chromatin. Nature, 2014, 507, 104-108.	13.7	358
17	Do all roads lead to Oct4? The emerging concepts of induced pluripotency. Trends in Cell Biology, 2014, 24, 275-284.	3.6	97
18	MBD3/NuRD Facilitates Induction of Pluripotency in a Context-Dependent Manner. Cell Stem Cell, 2014, 15, 102-110.	5.2	152

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19	NANOG-dependent function of TET1 and TET2 in establishment of pluripotency. Nature, 2013, 495, 370-374.	13.7	376
20	A defined Oct4 level governs cell state transitions of pluripotency entry and differentiation into all embryonic lineages. Nature Cell Biology, 2013, 15, 579-590.	4.6	195
21	Histone variant macroH2A marks embryonic differentiation <i>in vivo</i> and acts as an epigenetic barrier to induced pluripotency. Journal of Cell Science, 2012, 125, 6094-6104.	1.2	92
22	Zfp281 mediates Nanog autorepression through recruitment of the NuRD complex and inhibits somatic cell reprogramming. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16202-16207.	3.3	109
23	JAK/STAT3 signalling is sufficient and dominant over antagonistic cues for the establishment of naive pluripotency. Nature Communications, 2012, 3, 817.	5.8	93
24	Somatic Cell Reprogramming: Role of Homeodomain Protein Nanog. , 2012, , 377-384.		0
25	Nanog Overcomes Reprogramming Barriers and Induces Pluripotency in Minimal Conditions. Current Biology, 2011, 21, 65-71.	1.8	154
26	Reprogramming capacity of Nanog is functionally conserved in vertebrates and resides in a unique homeodomain. Development (Cambridge), 2011, 138, 4853-4865.	1.2	69
27	Switching on pluripotency: a perspective on the biological requirement of Nanog. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2222-2229.	1.8	35
28	Reprogramming capacity of Nanog is functionally conserved in vertebrates and resides in a unique homeodomain. Journal of Cell Science, 2011, 124, e1-e1.	1.2	0
29	Stat3 Activation Is Limiting for Reprogramming to Ground State Pluripotency. Cell Stem Cell, 2010, 7, 319-328.	5.2	215
30	Suppression of Erk signalling promotes ground state pluripotency in the mouse embryo. Development (Cambridge), 2009, 136, 3215-3222.	1.2	512
31	Nanog Is the Gateway to the Pluripotent Ground State. Cell, 2009, 138, 722-737.	13.5	904
32	17-P013 Consequences and applications of suppression of Erk signalling in early mouse embryos. Mechanisms of Development, 2009, 126, S274.	1.7	0
33	Senescence impairs successful reprogramming to pluripotent stem cells. Genes and Development, 2009, 23, 2134-2139.	2.7	553
34	Promotion of Reprogramming to Ground State Pluripotency by Signal Inhibition. PLoS Biology, 2008, 6, e253.	2.6	728
35	Capturing Pluripotency. Cell, 2008, 132, 532-536.	13.5	413
36	Capture of Authentic Embryonic Stem Cells from Rat Blastocysts. Cell, 2008, 135, 1287-1298.	13.5	725

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37	Nanog safeguards pluripotency and mediates germline development. Nature, 2007, 450, 1230-1234.	13.7	1,354
38	Nanog promotes transfer of pluripotency after cell fusion. Nature, 2006, 441, 997-1001.	13.7	321
39	Polycomb Group Proteins Ring1A/B Link Ubiquitylation of Histone H2A to Heritable Gene Silencing and X Inactivation. Developmental Cell, 2004, 7, 663-676.	3.1	829
40	Establishment of Histone H3 Methylation on the Inactive X Chromosome Requires Transient Recruitment of Eed-Enx1 Polycomb Group Complexes. Developmental Cell, 2003, 4, 481-495.	3.1	614
41	Mitotically Stable Association of Polycomb Group Proteins Eed and Enx1 with the Inactive X Chromosome in Trophoblast Stem Cells. Current Biology, 2002, 12, 1016-1020.	1.8	208