JosÃ© Cr Silva

List of Publications by Year
in descending order

41 papers	9,562 citations	186265 28 h-index	315739 38 g-index
46 all docs	46 docs citations	46 times ranked	10402 citing authors

#	Article	IF	Citations
1	Nanog safeguards pluripotency and mediates germline development. Nature, 2007, 450, 1230-1234.	27.8	1,354
2	Nanog Is the Gateway to the Pluripotent Ground State. Cell, 2009, 138, 722-737.	28.9	904
3	Polycomb Group Proteins Ring1A/B Link Ubiquitylation of Histone H2A to Heritable Gene Silencing and X Inactivation. Developmental Cell, 2004, 7, 663-676.	7.0	829
4	Promotion of Reprogramming to Ground State Pluripotency by Signal Inhibition. PLoS Biology, 2008, 6, e253.	5.6	728
5	Capture of Authentic Embryonic Stem Cells from Rat Blastocysts. Cell, 2008, 135, 1287-1298.	28.9	725
6	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.	7.0	614
7	Senescence impairs successful reprogramming to pluripotent stem cells. Genes and Development, 2009, 23, 2134-2139.	5.9	553
8	Suppression of Erk signalling promotes ground state pluripotency in the mouse embryo. Development (Cambridge), 2009, 136, 3215-3222.	2.5	512
9	Capturing Pluripotency. Cell, 2008, 132, 532-536.	28.9	413
10	NANOG-dependent function of TET1 and TET2 in establishment of pluripotency. Nature, 2013, 495, 370-374.	27.8	376
11	Citrullination regulates pluripotency and histone H1 binding to chromatin. Nature, 2014, 507, 104-108.	27.8	358
12	Nanog promotes transfer of pluripotency after cell fusion. Nature, 2006, 441, 997-1001.	27.8	321
13	Stat3 Activation Is Limiting for Reprogramming to Ground State Pluripotency. Cell Stem Cell, 2010, 7, 319-328.	11.1	215
14	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.	3.9	208
15	A defined Oct4 level governs cell state transitions of pluripotency entry and differentiation into all embryonic lineages. Nature Cell Biology, 2013, 15, 579-590.	10.3	195
16	Nanog Overcomes Reprogramming Barriers and Induces Pluripotency in Minimal Conditions. Current Biology, 2011, 21, 65-71.	3.9	154
17	MBD3/NuRD Facilitates Induction of Pluripotency in a Context-Dependent Manner. Cell Stem Cell, 2014, 15, 102-110.	11.1	152
18	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.	7.1	109

#	Article	IF	Citations
19	Do all roads lead to Oct4? The emerging concepts of induced pluripotency. Trends in Cell Biology, 2014, 24, 275-284.	7.9	97
20	JAK/STAT3 signalling is sufficient and dominant over antagonistic cues for the establishment of naive pluripotency. Nature Communications, 2012, 3, 817.	12.8	93
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.	2.0	92
22	One-step generation of conditional and reversible gene knockouts. Nature Methods, 2017, 14, 287-289.	19.0	72
23	Reprogramming capacity of Nanog is functionally conserved in vertebrates and resides in a unique homeodomain. Development (Cambridge), 2011, 138, 4853-4865.	2.5	69
24	Nanog Is Dispensable for the Generation of Induced Pluripotent Stem Cells. Current Biology, 2014, 24, 347-350.	3.9	69
25	NANOG Amplifies STAT3 Activation and They Synergistically Induce the Naive Pluripotent Program. Current Biology, 2014, 24, 340-346.	3.9	60
26	Exit from Naive Pluripotency Induces a Transient X Chromosome Inactivation-like State in Males. Cell Stem Cell, 2018, 22, 919-928.e6.	11.1	40
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.	4.0	35
28	Longâ€Term Perfusion Culture of Monoclonal Embryonic Stem Cells in 3D Hydrogel Beads for Continuous Optical Analysis of Differentiation. Small, 2019, 15, e1804576.	10.0	35
29	Distinct Molecular Trajectories Converge to Induce Naive Pluripotency. Cell Stem Cell, 2019, 25, 388-406.e8.	11.1	33
30	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, .	7.1	31
31	StemBond hydrogels control the mechanical microenvironment for pluripotent stem cells. Nature Communications, 2021, 12, 6132.	12.8	22
32	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.	4.8	17
33	Reprogramming human cells to naÃ¯ve pluripotency: how close are we?. Current Opinion in Genetics and Development, 2017, 46, 58-65.	3.3	14
34	Sox2 modulation increases naÃ¯ve pluripotency plasticity. IScience, 2021, 24, 102153.	4.1	12
35	Auxin-degron system identifies immediate mechanisms of OCT4. Stem Cell Reports, 2021, 16, 1818-1831.	4.8	12
36	ZMYM2 inhibits NANOG-mediated reprogramming. Wellcome Open Research, 2019, 4, 88.	1.8	8

#	Article	IF	Citations
37	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.	14.5	7
38	17-P013 Consequences and applications of suppression of Erk signalling in early mouse embryos. Mechanisms of Development, 2009, 126, S274.	1.7	0
39	Somatic Cell Reprogramming: Role of Homeodomain Protein Nanog. , 2012, , 377-384.		0
40	Editorial overview: Cell reprogramming, regeneration and repair. Current Opinion in Genetics and Development, 2014, 28, v-vi.	3.3	0
41	Reprogramming capacity of Nanog is functionally conserved in vertebrates and resides in a unique homeodomain. Journal of Cell Science, 2011, 124, e1-e1.	2.0	0