Laurent David

List of Publications by Year
in descending order

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43	4,510	279798	315739
papers	citations	23 h-index	38 g-index

50	50	50	6492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional Genomics Reveals a BMP-Driven Mesenchymal-to-Epithelial Transition in the Initiation of Somatic Cell Reprogramming. Cell Stem Cell, 2010, 7, 64-77.	11.1	921
2	Identification of BMP9 and BMP10 as functional activators of the orphan activin receptor-like kinase 1 (ALK1) in endothelial cells. Blood, 2007, 109, 1953-1961.	1.4	603
3	Bone Morphogenetic Protein-9 Is a Circulating Vascular Quiescence Factor. Circulation Research, 2008, 102, 914-922.	4.5	362
4	MBNL proteins repress ES-cell-specific alternative splicing and reprogramming. Nature, 2013, 498, 241-245.	27.8	326
5	Emerging role of bone morphogenetic proteins in angiogenesis. Cytokine and Growth Factor Reviews, 2009, 20, 203-212.	7.2	248
6	Human blastoids model blastocyst development and implantation. Nature, 2022, 601, 600-605.	27.8	220
7	Initiation of a conserved trophectoderm program in human, cow and mouse embryos. Nature, 2020, 587, 443-447.	27.8	162
8	BMP9 is produced by hepatocytes and circulates mainly in an active mature form complexed to its prodomain. Cellular and Molecular Life Sciences, 2012, 69, 313-324.	5.4	143
9	A Late Transition in Somatic Cell Reprogramming Requires Regulators Distinct from the Pluripotency Network. Cell Stem Cell, 2012, 11, 769-782.	11.1	142
10	ReprogrammingÂroadmap reveals route toÂhuman induced trophoblast stem cells. Nature, 2020, 586, 101-107.	27.8	131
11	Induction of Human Trophoblast Stem Cells from Somatic Cells and Pluripotent Stem Cells. Cell Reports, 2020, 33, 108419.	6.4	117
12	A role for the TGFÂ-Par6 polarity pathway in breast cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14028-14033.	7.1	115
13	Phases of reprogramming. Stem Cell Research, 2014, 12, 754-761.	0.7	108
14	Integrated pseudotime analysis of human pre-implantation embryo single-cell transcriptomes reveals the dynamics of lineage specification. Cell Stem Cell, 2021, 28, 1625-1640.e6.	11.1	108
15	Parallel derivation of isogenic human primed and naive induced pluripotent stem cells. Nature Communications, 2018, 9, 360.	12.8	104
16	TGF-Î² signalling is mediated by two autonomously functioning TÎ²RI:TÎ²RII pairs. EMBO Journal, 2011, 30, 1263-1276.	7.8	98
17	Cell competition during reprogramming gives rise to dominant clones. Science, 2019, 364, .	12.6	76
18	Activin receptorâ€like kinase 1 inhibits human microvascular endothelial cell migration: Potential roles for JNK and ERK. Journal of Cellular Physiology, 2007, 213, 484-489.	4.1	67

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19	Ex Vivo Expanded Human Non-Cytotoxic CD8+CD45RClow/â˜' Tregs Efficiently Delay Skin Graft Rejection and GVHD in Humanized Mice. Frontiers in Immunology, 2017, 8, 2014.	4.8	65
20	STING-dependent paracriny shapes apoptotic priming of breast tumors in response to anti-mitotic treatment. Nature Communications, 2020, 11, 259.	12.8	65
21	The TGFÎ² superfamily in stem cell biology and early mammalian embryonic development. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2268-2279.	2.4	64
22	Structural basis for specificity of TGFÎ² family receptor small molecule inhibitors. Cellular Signalling, 2012, 24, 476-483.	3.6	50
23	Transient antibody targeting of CD45RC induces transplant tolerance and potent antigen-specific regulatory T cells. JCI Insight, 2017, 2, e90088.	5.0	50
24	An intermediate level of CD161 expression defines a novel activated, inflammatory, and pathogenic subset of CD8 + T cells involved in multiple sclerosis. Journal of Autoimmunity, 2018, 88, 61-74.	6.5	25
25	Epigenetic homogeneity in histone methylation underlies sperm programming for embryonic transcription. Nature Communications, 2020, 11, 3491.	12.8	21
26	Does sperm origin affect embryo morphokinetic parameters?. Journal of Assisted Reproduction and Genetics, 2015, 32, 1325-1332.	2.5	20
27	Human model of IRX5 mutations reveals key role for this transcription factor in ventricular conduction. Cardiovascular Research, 2021, 117, 2092-2107.	3.8	17
28	NANOG initiates epiblast fate through the coordination of pluripotency genes expression. Nature Communications, 2022, 13, .	12.8	12
29	Rapid and Reproducible Differentiation of Hematopoietic and T Cell Progenitors From Pluripotent Stem Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 577464.	3.7	10
30	A time-lapse embryo dataset for morphokinetic parameter prediction. Data in Brief, 2022, 42, 108258.	1.0	9
31	Looking into the Black Box: Insights into the Mechanisms of Somatic Cell Reprogramming. Genes, 2011, 2, 81-106.	2.4	7
32	Improved Analyses of CD8+ T Cell Specificities Using Multimers of Peptide MHC Complexes Coupled to DNA Barcodes. Transplantation, 2017, 101, 219-221.	1.0	4
33	Generation of three human induced pluripotent stem cell lines with IRX5 knockout and knockin genetic editions using CRISPR-Cas9 system. Stem Cell Research, 2022, 58, 102627.	0.7	4
34	Transgenic animals and genetic engineering techniques. Nantes, France, 2â€“3 July, 2015. Transgenic Research, 2015, 24, 1079-1085.	2.4	3
35	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. PLoS ONE, 2020, 15, e0243769.	2.5	3
36	Spatio-Temporal Analysis of Human Preimplantation Development Reveals Dynamics of Epiblast and Trophectoderm Specification. SSRN Electronic Journal, 0, , .	0.4	2

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37	Induction of Human NaÃ¯ve Pluripotent Stem Cells from Somatic Cells. Methods in Molecular Biology, 2022, 2416, 39-51.	0.9	2
38	How Tets and Cytoskeleton Dynamics MET in Reprogramming. Cell Stem Cell, 2014, 14, 417-418.	11.1	0
39	Molecular Mechanisms of Stem Cell Pluripotency and Cell Fate Specification. Journal of Molecular Biology, 2017, 429, 1439-1440.	4.2	0
40	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. , 2020, 15, e0243769.		0
41	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. , 2020, 15, e0243769.		0
42	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. , 2020, 15, e0243769.		0
43	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. , 2020, 15, e0243769.		0