

# Laurent David

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8901497/publications.pdf>

Version: 2024-02-01

43  
papers

4,510  
citations

279798

23  
h-index

315739

38  
g-index

50  
all docs

50  
docs citations

50  
times ranked

6492  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of three human induced pluripotent stem cell lines with IRX5 knockout and knockin genetic editions using CRISPR-Cas9 system. <i>Stem Cell Research</i> , 2022, 58, 102627.	0.7	4
2	Human blastoids model blastocyst development and implantation. <i>Nature</i> , 2022, 601, 600-605.	27.8	220
3	Induction of Human Na <sup>+</sup> ve Pluripotent Stem Cells from Somatic Cells. <i>Methods in Molecular Biology</i> , 2022, 2416, 39-51.	0.9	2
4	A time-lapse embryo dataset for morphokinetic parameter prediction. <i>Data in Brief</i> , 2022, 42, 108258.	1.0	9
5	NANOG initiates epiblast fate through the coordination of pluripotency genes expression. <i>Nature Communications</i> , 2022, 13, .	12.8	12
6	Human model of IRX5 mutations reveals key role for this transcription factor in ventricular conduction. <i>Cardiovascular Research</i> , 2021, 117, 2092-2107.	3.8	17
7	Integrated pseudotime analysis of human pre-implantation embryo single-cell transcriptomes reveals the dynamics of lineage specification. <i>Cell Stem Cell</i> , 2021, 28, 1625-1640.e6.	11.1	108
8	Rapid and Reproducible Differentiation of Hematopoietic and T Cell Progenitors From Pluripotent Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 577464.	3.7	10
9	Epigenetic homogeneity in histone methylation underlies sperm programming for embryonic transcription. <i>Nature Communications</i> , 2020, 11, 3491.	12.8	21
10	Induction of Human Trophoblast Stem Cells from Somatic Cells and Pluripotent Stem Cells. <i>Cell Reports</i> , 2020, 33, 108419.	6.4	117
11	Initiation of a conserved trophoblast program in human, cow and mouse embryos. <i>Nature</i> , 2020, 587, 443-447.	27.8	162
12	Reprogramming roadmap reveals route to human induced trophoblast stem cells. <i>Nature</i> , 2020, 586, 101-107.	27.8	131
13	STING-dependent paracrine shapes apoptotic priming of breast tumors in response to anti-mitotic treatment. <i>Nature Communications</i> , 2020, 11, 259.	12.8	65
14	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. <i>PLoS ONE</i> , 2020, 15, e0243769.	2.5	3
15	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. , 2020, 15, e0243769.		0
16	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. , 2020, 15, e0243769.		0
17	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. , 2020, 15, e0243769.		0
18	Toward a better definition of hematopoietic progenitors suitable for B cell differentiation. , 2020, 15, e0243769.		0

#	ARTICLE	IF	CITATIONS
19	Cell competition during reprogramming gives rise to dominant clones. <i>Science</i> , 2019, 364, .	12.6	76
20	Parallel derivation of isogenic human primed and naive induced pluripotent stem cells. <i>Nature Communications</i> , 2018, 9, 360.	12.8	104
21	An intermediate level of CD161 expression defines a novel activated, inflammatory, and pathogenic subset of CD8 + T cells involved in multiple sclerosis. <i>Journal of Autoimmunity</i> , 2018, 88, 61-74.	6.5	25
22	Molecular Mechanisms of Stem Cell Pluripotency and Cell Fate Specification. <i>Journal of Molecular Biology</i> , 2017, 429, 1439-1440.	4.2	0
23	Improved Analyses of CD8+ T Cell Specificities Using Multimers of Peptide MHC Complexes Coupled to DNA Barcodes. <i>Transplantation</i> , 2017, 101, 219-221.	1.0	4
24	Ex Vivo Expanded Human Non-Cytotoxic CD8+CD45R <sup>low</sup> / $\alpha^{\gamma}$ Tregs Efficiently Delay Skin Graft Rejection and GVHD in Humanized Mice. <i>Frontiers in Immunology</i> , 2017, 8, 2014.	4.8	65
25	Transient antibody targeting of CD45RC induces transplant tolerance and potent antigen-specific regulatory T cells. <i>JCI Insight</i> , 2017, 2, e90088.	5.0	50
26	Transgenic animals and genetic engineering techniques. Nantes, France, 2â€“3 July, 2015. <i>Transgenic Research</i> , 2015, 24, 1079-1085.	2.4	3
27	Does sperm origin affect embryo morphokinetic parameters?. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 1325-1332.	2.5	20
28	Phases of reprogramming. <i>Stem Cell Research</i> , 2014, 12, 754-761.	0.7	108
29	How Tets and Cytoskeleton Dynamics MET in Reprogramming. <i>Cell Stem Cell</i> , 2014, 14, 417-418.	11.1	0
30	The TGF $\beta$ <sup>2</sup> superfamily in stem cell biology and early mammalian embryonic development. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2268-2279.	2.4	64
31	MBNL proteins repress ES-cell-specific alternative splicing and reprogramming. <i>Nature</i> , 2013, 498, 241-245.	27.8	326
32	A Late Transition in Somatic Cell Reprogramming Requires Regulators Distinct from the Pluripotency Network. <i>Cell Stem Cell</i> , 2012, 11, 769-782.	11.1	142
33	Structural basis for specificity of TGF $\beta$ <sup>2</sup> family receptor small molecule inhibitors. <i>Cellular Signalling</i> , 2012, 24, 476-483.	3.6	50
34	BMP9 is produced by hepatocytes and circulates mainly in an active mature form complexed to its prodomain. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 313-324.	5.4	143
35	Looking into the Black Box: Insights into the Mechanisms of Somatic Cell Reprogramming. <i>Genes</i> , 2011, 2, 81-106.	2.4	7
36	TGF $\beta$ <sup>2</sup> signalling is mediated by two autonomously functioning T $\beta$ RI:T $\beta$ RII pairs. <i>EMBO Journal</i> , 2011, 30, 1263-1276.	7.8	98

#	ARTICLE	IF	CITATIONS
37	Functional Genomics Reveals a BMP-Driven Mesenchymal-to-Epithelial Transition in the Initiation of Somatic Cell Reprogramming. <i>Cell Stem Cell</i> , 2010, 7, 64-77.	11.1	921
38	A role for the TGF $\beta$ -Par6 polarity pathway in breast cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14028-14033.	7.1	115
39	Emerging role of bone morphogenetic proteins in angiogenesis. <i>Cytokine and Growth Factor Reviews</i> , 2009, 20, 203-212.	7.2	248
40	Bone Morphogenetic Protein-9 Is a Circulating Vascular Quiescence Factor. <i>Circulation Research</i> , 2008, 102, 914-922.	4.5	362
41	Identification of BMP9 and BMP10 as functional activators of the orphan activin receptor-like kinase 1 (ALK1) in endothelial cells. <i>Blood</i> , 2007, 109, 1953-1961.	1.4	603
42	Activin receptor-like kinase 1 inhibits human microvascular endothelial cell migration: Potential roles for JNK and ERK. <i>Journal of Cellular Physiology</i> , 2007, 213, 484-489.	4.1	67
43	Spatio-Temporal Analysis of Human Preimplantation Development Reveals Dynamics of Epiblast and Trophectoderm Specification. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2