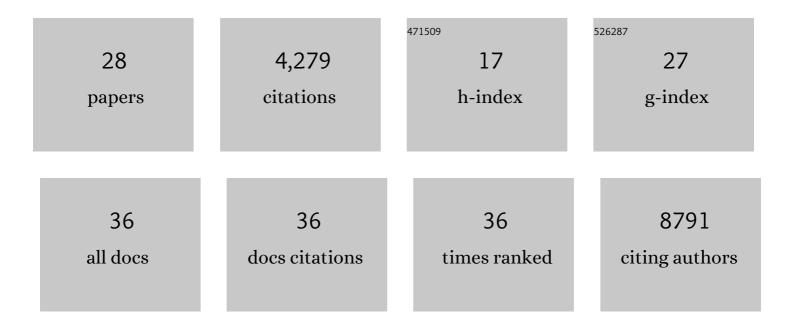
## Pedro Madrigal

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A survey of best practices for RNA-seq data analysis. Genome Biology, 2016, 17, 13.	8.8	1,898
2	Cholangiocytes derived from human induced pluripotent stem cells for disease modeling and drug validation. Nature Biotechnology, 2015, 33, 845-852.	17.5	318
3	The SMAD2/3 interactome reveals that TGF $\hat{I}^2$ controls m6A mRNA methylation in pluripotency. Nature, 2018, 555, 256-259.	27.8	283
4	Single-cell RNA-sequencing of differentiating iPS cells reveals dynamic genetic effects on gene expression. Nature Communications, 2020, 11, 810.	12.8	235
5	Practical Guidelines for the Comprehensive Analysis of ChIP-seq Data. PLoS Computational Biology, 2013, 9, e1003326.	3.2	221
6	Dynamics of chromatin accessibility and gene regulation by MADS-domain transcription factors in flower development. Genome Biology, 2014, 15, R41.	9.6	210
7	Reconstruction of the mouse extrahepatic biliary tree using primary human extrahepatic cholangiocyte organoids. Nature Medicine, 2017, 23, 954-963.	30.7	210
8	Combinatorial activities of SHORT VEGETATIVE PHASE and FLOWERING LOCUS C define distinct modes of flowering regulation in Arabidopsis. Genome Biology, 2015, 16, 31.	8.8	150
9	Activin/Nodal signaling and NANOG orchestrate human embryonic stem cell fate decisions by controlling the H3K4me3 chromatin mark. Genes and Development, 2015, 29, 702-717.	5.9	115
10	Initiation of stem cell differentiation involves cell cycle-dependent regulation of developmental genes by Cyclin D. Genes and Development, 2016, 30, 421-433.	5.9	115
11	Divergence of regulatory networks governed by the orthologous transcription factors FLC and PEP1 in Brassicaceae species. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11037-E11046.	7.1	50
12	AP-1 Takes Centre Stage in Enhancer Chromatin Dynamics. Trends in Cell Biology, 2018, 28, 509-511.	7.9	50
13	Functional Divergence of the Arabidopsis Florigen-Interacting bZIP Transcription Factors FD and FDP. Cell Reports, 2020, 31, 107717.	6.4	49
14	hiPSC hepatocyte model demonstrates the role of unfolded protein response and inflammatory networks in α1-antitrypsin deficiency. Journal of Hepatology, 2018, 69, 851-860.	3.7	48
15	GATA6 Cooperates with EOMES/SMAD2/3 to Deploy the Gene Regulatory Network Governing Human Definitive Endoderm and Pancreas Formation. Stem Cell Reports, 2019, 12, 57-70.	4.8	33
16	Current bioinformatic approaches to identify DNase I hypersensitive sites and genomic footprints from DNase-seq data. Frontiers in Genetics, 2012, 3, 230.	2.3	29
17	On Accounting for Sequence-Specific Bias in Genome-Wide Chromatin Accessibility Experiments: Recent Advances and Contradictions. Frontiers in Bioengineering and Biotechnology, 2015, 3, 144.	4.1	23
18	Mutational synergy during leukemia induction remodels chromatin accessibility, histone modifications and three-dimensional DNA topology to alter gene expression. Nature Genetics, 2021, 53, 1443-1455.	21.4	19

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#	Article	IF	CITATIONS
19	Uncovering correlated variability in epigenomic datasets using the Karhunen-Loeve transform. BioData Mining, 2015, 8, 20.	4.0	15
20	Functional data analysis for computational biology. Bioinformatics, 2019, 35, 3211-3213.	4.1	14
21	Modeling HNF1B-associated monogenic diabetes using human iPSCs reveals an early stage impairment of the pancreatic developmental program. Stem Cell Reports, 2021, 16, 2289-2304.	4.8	7
22	CexoR: an R/Bioconductor package to uncover high-resolution protein-DNA interactions in ChIP-exo replicates. EMBnet Journal, 2015, 21, .	0.6	7
23	Space omics research in Europe: Contributions, geographical distribution and ESA member state funding schemes. IScience, 2022, 25, 103920.	4.1	6
24	fCCAC: functional canonical correlation analysis to evaluate covariance between nucleic acid sequencing datasets. Bioinformatics, 2017, 33, 746-748.	4.1	3
25	Mannose Metabolism Is a Metabolic Vulnerability Unveiled By Standard and Novel Therapies in Acute Myeloid Leukemia. Blood, 2021, 138, 508-508.	1.4	1
26	Flowering and Plant Development at the 38th Spanish Society of Genetics Congress, Murcia, 2011. Journal of Plant Growth Regulation, 2012, 31, 136-138.	5.1	0
27	Postdocs, What Would You Tell Your Younger Self?. Cell, 2017, 168, 745-748.	28.9	0
28	A SINGLE CELL STUDY OF LYMPHOMA EVOLUTION. Experimental Hematology, 2019, 76, S56.	0.4	0