

# David Lopez

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13 papers	622 citations	10 h-index	13 g-index
13 ext. papers	761 ext. citations	11.7 avg, IF	3.39 L-index

#	Paper	IF	Citations
13	Species-Specific Relationships between DNA and Chromatin Properties of CpG Islands in Embryonic Stem Cells and Differentiated Cells. <i>Stem Cell Reports</i> , <b>2021</b> , 16, 899-912	8	2
12	Functional reprogramming of regulatory T cells in the absence of Foxp3. <i>Nature Immunology</i> , <b>2019</b> , 20, 1208-1219	19.1	66
11	A phylogenomic study quantifies competing mechanisms for pseudogenization in prokaryotes-The Mycobacterium leprae case. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204322	3.7	3
10	Chromosome-level genome assembly and transcriptome of the green alga illuminates astaxanthin production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E4296-E4305	11.5	95
9	SaVanT: a web-based tool for the sample-level visualization of molecular signatures in gene expression profiles. <i>BMC Genomics</i> , <b>2017</b> , 18, 824	4.5	26
8	Identification and Characterization of a cis-Regulatory Element for Zygotic Gene Expression in Chlamydomonas reinhardtii. <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 1541-8	3.2	9
7	An asthma-associated IL4R variant exacerbates airway inflammation by promoting conversion of regulatory T cells to TH17-like cells. <i>Nature Medicine</i> , <b>2016</b> , 22, 1013-22	50.5	100
6	Dynamic Changes in the Transcriptome and Methylome of Chlamydomonas reinhardtii throughout Its Life Cycle. <i>Plant Physiology</i> , <b>2015</b> , 169, 2730-43	6.6	34
5	Comparison of molecular signatures from multiple skin diseases identifies mechanisms of immunopathogenesis. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 151-159	4.3	27
4	Epigenome-wide association of liver methylation patterns and complex metabolic traits in mice. <i>Cell Metabolism</i> , <b>2015</b> , 21, 905-17	24.6	68
3	The Chlamydomonas genome project: a decade on. <i>Trends in Plant Science</i> , <b>2014</b> , 19, 672-80	13.1	112
2	A comprehensive resource of genomic, epigenomic and transcriptomic sequencing data for the black truffle Tuber melanosporum. <i>GigaScience</i> , <b>2014</b> , 3, 25	7.6	10
1	Algal Functional Annotation Tool: a web-based analysis suite to functionally interpret large gene lists using integrated annotation and expression data. <i>BMC Bioinformatics</i> , <b>2011</b> , 12, 282	3.6	70