

Diego Villar

List of Publications by Citations

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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.

20 papers	1,324 citations	13 h-index	22 g-index
22 ext. papers	1,761 ext. citations	17.6 avg, IF	4.08 L-index

#	Paper	IF	Citations
20	Enhancer evolution across 20 mammalian species. <i>Cell</i> , 2015 , 160, 554-66	56.2	422
19	Identification of a functional hypoxia-responsive element that regulates the expression of the egl nine homologue 3 (egln3/phd3) gene. <i>Biochemical Journal</i> , 2005 , 390, 189-97	3.8	169
18	Hypoxia promotes glycogen accumulation through hypoxia inducible factor (HIF)-mediated induction of glycogen synthase 1. <i>PLoS ONE</i> , 2010 , 5, e9644	3.7	159
17	Evolution of transcription factor binding in metazoans - mechanisms and functional implications. <i>Nature Reviews Genetics</i> , 2014 , 15, 221-33	30.1	143
16	Genome-wide identification of hypoxia-inducible factor binding sites and target genes by a probabilistic model integrating transcription-profiling data and in silico binding site prediction. <i>Nucleic Acids Research</i> , 2010 , 38, 2332-45	20.1	143
15	Complexity and conservation of regulatory landscapes underlie evolutionary resilience of mammalian gene expression. <i>Nature Ecology and Evolution</i> , 2018 , 2, 152-163	12.3	55
14	Codon-Driven Translational Efficiency Is Stable across Diverse Mammalian Cell States. <i>PLoS Genetics</i> , 2016 , 12, e1006024	6	52
13	Genetic variation and gene expression across multiple tissues and developmental stages in a nonhuman primate. <i>Nature Genetics</i> , 2017 , 49, 1714-1721	36.3	43
12	Activating transcription factor 6 derepression mediates neuroprotection in Huntington disease. <i>Journal of Clinical Investigation</i> , 2016 , 126, 627-38	15.9	32
11	Identification of a region on hypoxia-inducible-factor prolyl 4-hydroxylases that determines their specificity for the oxygen degradation domains. <i>Biochemical Journal</i> , 2007 , 408, 231-40	3.8	31
10	Cooperativity of stress-responsive transcription factors in core hypoxia-inducible factor binding regions. <i>PLoS ONE</i> , 2012 , 7, e45708	3.7	22
9	Building the DREAM interactome. <i>Science China Life Sciences</i> , 2011 , 54, 786-92	8.5	14
8	Mitochondrial heteroplasmy in vertebrates using ChIP-sequencing data. <i>Genome Biology</i> , 2016 , 17, 139	18.3	13
7	A role for insulator elements in the regulation of gene expression response to hypoxia. <i>Nucleic Acids Research</i> , 2012 , 40, 1916-27	20.1	9
6	LINE retrotransposons characterize mammalian tissue-specific and evolutionarily dynamic regulatory regions. <i>Genome Biology</i> , 2021 , 22, 62	18.3	9
5	Unwinding Limb Development. <i>Cell</i> , 2016 , 167, 598-600	56.2	2
4	Complexity and conservation of regulatory landscapes underlie evolutionary resilience of mammalian gene expression		2

3	The contribution of non-coding regulatory elements to cardiovascular disease. <i>Open Biology</i> , 2020 , 10, 200088	7	2
2	When the Snake Lost Its Limbs, What Did the Mouse and Lizard Say?. <i>Developmental Cell</i> , 2015 , 35, 3-4	10.2	1
1	Generalizing complexity: a fruitful partnership of functional genomics and systems biology. <i>Genome Medicine</i> , 2012 , 4, 11	14.4	0