

Patricia Sebastian-Leon

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.

19 papers	492 citations	12 h-index	20 g-index
20 ext. papers	621 ext. citations	7.3 avg, IF	3.45 L-index

#	Paper	IF	Citations
19	B2G-FAR, a species-centered GO annotation repository. <i>Bioinformatics</i> , 2011 , 27, 919-24	7.2	112
18	Prediction of human population responses to toxic compounds by a collaborative competition. <i>Nature Biotechnology</i> , 2015 , 33, 933-40	44.5	70
17	Asynchronous and pathological windows of implantation: two causes of recurrent implantation failure. <i>Human Reproduction</i> , 2018 , 33, 626-635	5.7	44
16	Does an increased body mass index affect endometrial gene expression patterns in infertile patients? A functional genomics analysis. <i>Fertility and Sterility</i> , 2017 , 107, 740-748.e2	4.8	36
15	Understanding disease mechanisms with models of signaling pathway activities. <i>BMC Systems Biology</i> , 2014 , 8, 121	3.5	33
14	Window of implantation transcriptomic stratification reveals different endometrial subsignatures associated with live birth and biochemical pregnancy. <i>Fertility and Sterility</i> , 2017 , 108, 703-710.e3	4.8	32
13	Using activation status of signaling pathways as mechanism-based biomarkers to predict drug sensitivity. <i>Scientific Reports</i> , 2015 , 5, 18494	4.9	32
12	Inferring the functional effect of gene expression changes in signaling pathways. <i>Nucleic Acids Research</i> , 2013 , 41, W213-7	20.1	18
11	Functional assessment of time course microarray data. <i>BMC Bioinformatics</i> , 2009 , 10 Suppl 6, S9	3.6	18
10	Methylome profiling reveals functions and genes which are differentially methylated in serrated compared to conventional colorectal carcinoma. <i>Clinical Epigenetics</i> , 2015 , 7, 101	7.7	16
9	Separating common from distinctive variation. <i>BMC Bioinformatics</i> , 2016 , 17 Suppl 5, 195	3.6	14
8	Assessing the impact of mutations found in next generation sequencing data over human signaling pathways. <i>Nucleic Acids Research</i> , 2015 , 43, W270-5	20.1	14
7	Uterine disorders affecting female fertility: what are the molecular functions altered in endometrium?. <i>Fertility and Sterility</i> , 2020 , 113, 1261-1274	4.8	11
6	Chronic subordination stress selectively downregulates the insulin signaling pathway in liver and skeletal muscle but not in adipose tissue of male mice. <i>Stress</i> , 2016 , 19, 214-24	3	9
5	iTRAQ comparison of proteomic profiles of endometrial receptivity. <i>Journal of Proteomics</i> , 2019 , 203, 103381	3.9	8
4	STATegra: Multi-Omics Data Integration - A Conceptual Scheme With a Bioinformatics Pipeline. <i>Frontiers in Genetics</i> , 2021 , 12, 620453	4.5	8
3	Transcriptomic behavior of genes associated with chromosome 21 aneuploidies in early embryo development. <i>Fertility and Sterility</i> , 2019 , 111, 991-1001.e2	4.8	6

2	Dysregulated genes and their functional pathways in luteinized granulosa cells from PCOS patients after cabergoline treatment. <i>Reproduction</i> , 2018 , 155, 373-381	3.8	6
1	Guidelines for biomarker discovery in endometrium: correcting for menstrual cycle bias reveals new genes associated with uterine disorders. <i>Molecular Human Reproduction</i> , 2021 , 27,	4.4	5