

# C Joana Marques

## 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.

29  
papers

2,608  
citations

14  
h-index

31  
g-index

31  
ext. papers

2,954  
ext. citations

10.6  
avg, IF

4.63  
L-index

#	Paper	IF	Citations
29	Dynamic regulation of 5-hydroxymethylcytosine in mouse ES cells and during differentiation. <i>Nature</i> , <b>2011</b> , 473, 398-402	50.4	911
28	5-Hydroxymethylcytosine in the mammalian zygote is linked with epigenetic reprogramming. <i>Nature Communications</i> , <b>2011</b> , 2, 241	17.4	594
27	Abnormal methylation of imprinted genes in human sperm is associated with oligozoospermia. <i>Molecular Human Reproduction</i> , <b>2008</b> , 14, 67-74	4.4	283
26	Genomic imprinting in disruptive spermatogenesis. <i>Lancet, The</i> , <b>2004</b> , 363, 1700-2	4.0	276
25	Methylation defects of imprinted genes in human testicular spermatozoa. <i>Fertility and Sterility</i> , <b>2010</b> , 94, 585-94	4.8	97
24	DNA methylation imprinting marks and DNA methyltransferase expression in human spermatogenic cell stages. <i>Epigenetics</i> , <b>2011</b> , 6, 1354-61	5.7	94
23	Profiling DNA Methylation Based on Next-Generation Sequencing Approaches: New Insights and Clinical Applications. <i>Genes</i> , <b>2018</b> , 9,	4.2	68
22	TET enzymes and DNA hydroxymethylation in neural development and function - how critical are they?. <i>Genomics</i> , <b>2014</b> , 104, 334-40	4.3	66
21	AZF and DAZ gene copy-specific deletion analysis in maturation arrest and Sertoli cell-only syndrome. <i>Molecular Human Reproduction</i> , <b>2004</b> , 10, 755-61	4.4	35
20	DNA demethylases: a new epigenetic frontier in drug discovery. <i>Drug Discovery Today</i> , <b>2011</b> , 16, 683-90	8.8	34
19	Endoscopic mucosal resection and endoscopic submucosal dissection in the treatment of sporadic nonampullary duodenal adenomatous polyps. <i>World Journal of Gastrointestinal Endoscopy</i> , <b>2015</b> , 7, 720-722	7.2	24
18	TET enzymes in neurophysiology and brain function. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2019</b> , 102, 337-344	9	21
17	A survey of spontaneous reporting of adverse drug reactions in 10 years of activity in a pharmacovigilance centre in Portugal. <i>International Journal of Pharmacy Practice</i> , <b>2014</b> , 22, 275-82	1.7	19
16	Tet3 regulates cellular identity and DNA methylation in neural progenitor cells. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 2871-2883	10.3	14
15	Tet3 ablation in adult brain neurons increases anxiety-like behavior and regulates cognitive function in mice. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 1445-1457	15.1	12
14	DNA methylation imprinting errors in spermatogenic cells from maturation arrest azoospermic patients. <i>Andrology</i> , <b>2017</b> , 5, 451-459	4.2	11
13	Mutational characterization of steroid 21-hydroxylase gene in Portuguese patients with congenital adrenal hyperplasia. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2010</b> , 118, 505-12	2.3	10

12	Comprehensive genetic analysis and structural characterization of CYP21A2 mutations in CAH patients. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2012</b> , 120, 535-9	2.3	9
11	Variant , Defective piRNA Processing, and Azoospermia. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 707-719	59.2	8
10	Altered expression of epigenetic regulators and imprinted genes in human placenta and fetal tissues from second trimester spontaneous pregnancy losses. <i>Epigenetics</i> , <b>2019</b> , 14, 1234-1244	5.7	6
9	Genetic regulation on ex vivo differentiated natural killer cells from human umbilical cord blood CD34+ cells. <i>Journal of Receptor and Signal Transduction Research</i> , <b>2012</b> , 32, 238-49	2.6	5
8	Congenital Adrenal Hyperplasia Due to 21-Hydroxylase Deficiency: An Update on Genetic Analysis of CYP21A2 Gene. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2021</b> , 129, 477-481	2.3	4
7	TET3 controls the expression of the H3K27me3 demethylase Kdm6b during neural commitment. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 757-768	10.3	3
6	Deregulation of imprinted genes expression and epigenetic regulators in placental tissue from intrauterine growth restriction. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 791-801	3.4	2
5	Imprinted gene anomalies in sperm27-37		1
4	Sperm Epigenetic Profile <b>2011</b> , 243-257		1
3	Sperm Epigenetic Profile <b>2013</b> , 377-394		
2	Epimutations in human sperm from patients with impaired spermatogenesis. <i>Clinical Epigenetics</i> , <b>2020</b> , 12, 172	7.7	
1	Reduced hippocampal ten-eleven translocation 3 (Tet3) protein expression in Tet3 conditional knockout mice. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 1425-1425	15.1	