

Juan Pablo Tosar

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.

32
papers

4,925
citations

17
h-index

38
g-index

38
ext. papers

7,049
ext. citations

9.5
avg, IF

4.86
L-index

#	Paper	IF	Citations
32	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
31	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA - an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1286095	16.4	410
30	Assessment of small RNA sorting into different extracellular fractions revealed by high-throughput sequencing of breast cell lines. <i>Nucleic Acids Research</i> , 2015 , 43, 5601-16	20.1	132
29	Electrochemical Sandwich Immunosensor for Determination of Exosomes Based on Surface Marker-Mediated Signal Amplification. <i>Analytical Chemistry</i> , 2016 , 88, 10466-10473	7.8	118
28	Electrochemical DNA hybridization sensors applied to real and complex biological samples. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 1205-17	11.8	100
27	Mining of public sequencing databases supports a non-dietary origin for putative foreign miRNAs: underestimated effects of contamination in NGS. <i>Rna</i> , 2014 , 20, 754-7	5.8	84
26	A population of tRNA-derived small RNAs is actively produced in <i>Trypanosoma cruzi</i> and recruited to specific cytoplasmic granules. <i>Molecular and Biochemical Parasitology</i> , 2010 , 171, 64-73	1.9	79
25	Non-coding RNA fragments account for the majority of annotated piRNAs expressed in somatic non-gonadal tissues. <i>Communications Biology</i> , 2018 , 1, 2	6.7	55
24	Ribonucleic artefacts: are some extracellular RNA discoveries driven by cell culture medium components?. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1272832	16.4	46
23	Dimerization confers increased stability to nucleases in 5'halves from glycine and glutamic acid tRNAs. <i>Nucleic Acids Research</i> , 2018 , 46, 9081-9093	20.1	35
22	Characterization of extracellular vesicles and synthetic nanoparticles with four orthogonal single-particle analysis platforms. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12079	16.4	29
21	Cloning, characterization and subcellular localization of a <i>Trypanosoma cruzi</i> argonaute protein defining a new subfamily distinctive of trypanosomatids. <i>Gene</i> , 2010 , 466, 26-35	3.8	28
20	Fragmentation of extracellular ribosomes and tRNAs shapes the extracellular RNAome. <i>Nucleic Acids Research</i> , 2020 , 48, 12874-12888	20.1	22
19	Extracellular tRNAs and tRNA-derived fragments. <i>RNA Biology</i> , 2020 , 17, 1149-1167	4.8	21
18	Stable tRNA halves can be sorted into extracellular vesicles and delivered to recipient cells in a concentration-dependent manner. <i>RNA Biology</i> , 2020 , 17, 1168-1182	4.8	20
17	Human and Cow Have Identical miR-21-5p and miR-30a-5p Sequences, Which Are Likely Unsuitable to Study Dietary Uptake from Cow Milk. <i>Journal of Nutrition</i> , 2018 , 148, 1506-1507	4.1	19
16	Revisiting Extracellular RNA Release, Processing, and Function. <i>Trends in Biochemical Sciences</i> , 2021 , 46, 438-445	10.3	18

15	Two independent label-free detection methods in one electrochemical DNA sensor. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 3036-42	11.8	13
14	Plant microRNAs in human sera are likely contaminants. <i>Journal of Nutritional Biochemistry</i> , 2019 , 65, 139-140	6.3	12
13	Template and catalytic effects of DNA in the construction of polypyrrole/DNA composite macro and microelectrodes. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 294-301	11.8	11
12	Circulating SNORD57 rather than piR-54265 is a promising biomarker for colorectal cancer: common pitfalls in the study of somatic piRNAs in cancer. <i>Rna</i> , 2021 , 27, 403-410	5.8	10
11	An electrochemical biosensor for rapid detection of anti-dsDNA antibodies in absolute scale. <i>Analyst, The</i> , 2018 , 143, 3874-3882	5	8
10	Evolutionary Implications of the microRNA- and piRNA Complement of (<i>Gastrotricha</i>). <i>Non-coding RNA</i> , 2019 , 5,	7.1	4
9	Detection and Analysis of Non-vesicular Extracellular RNA. <i>Methods in Molecular Biology</i> , 2018 , 1740, 125-137	1.4	2
8	Fragmentation of extracellular ribosomes and tRNAs shapes the extracellular RNAome		2
7	Exomeres and supermeres: Monolithic or diverse? 2022 , 1,		2
6	Fine-tuning the metabolic rewiring and adaptation of translational machinery during an epithelial-mesenchymal transition in breast cancer cells. <i>Cancer & Metabolism</i> , 2020 , 8, 8	5.4	1
5	RI-SEC-seq: Comprehensive Profiling of Nonvesicular Extracellular RNAs with Different Stabilities. <i>Bio-protocol</i> , 2021 , 11, e3918	0.9	1
4	Die hard: resilient RNAs in the blood. <i>Nature Reviews Molecular Cell Biology</i> , 2021 , 22, 373	48.7	1
3	Open Problems in Extracellular RNA Data Analysis: Insights From an ERCC Online Workshop.. <i>Frontiers in Genetics</i> , 2021 , 12, 778416	4.5	0
2	Systematic process evaluation of the conjugation of proteins to gold nanoparticles. <i>Heliyon</i> , 2021 , 7, e07392	3.6	0
1	Electrochemical Detection of dsDNA-Specific Antibodies. <i>Methods in Molecular Biology</i> , 2020 , 2063, 73-83.	3.4	