Juan Pablo Tosar

List of Publications by Year in Descending Order

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	Exomeres and supermeres: Monolithic or diverse? **2022**, 1,		2
31	Open Problems in Extracellular RNA Data Analysis: Insights From an ERCC Online Workshop.. *Frontiers in Genetics*, **2021**, 12, 778416	4.5	0
30	Circulating SNORD57 rather than piR-54265 is a promising biomarker for colorectal cancer: common pitfalls in the study of somatic piRNAs in cancer. *Rna*, **2021**, 27, 403-410	5.8	10
29	Characterization of extracellular vesicles and synthetic nanoparticles with four orthogonal single-particle analysis platforms. *Journal of Extracellular Vesicles*, **2021**, 10, e12079	16.4	29
28	Systematic process evaluation of the conjugation of proteins to gold nanoparticles. *Heliyon*, **2021**, 7, e07392	3.6	0
27	Revisiting Extracellular RNA Release, Processing, and Function. *Trends in Biochemical Sciences*, **2021** , 46, 438-445	10.3	18
26	RI-SEC-seq: Comprehensive Profiling of Nonvesicular Extracellular RNAs with Different Stabilities. *Bio-protocol*, **2021**, 11, e3918	0.9	1
25	Die hard: resilient RNAs in the blood. *Nature Reviews Molecular Cell Biology*, **2021**, 22, 373	48.7	1
24	Extracellular tRNAs and tRNA-derived fragments. *RNA Biology*, **2020**, 17, 1149-1167	4.8	21
23	Electrochemical Detection of dsDNA-Specific Antibodies. *Methods in Molecular Biology*, **2020**, 2063, 73-83	1.4	
22	Stable tRNA halves can be sorted into extracellular vesicles and delivered to recipient cells in a concentration-dependent manner. *RNA Biology*, **2020**, 17, 1168-1182	4.8	20
21	Fine-tuning the metabolic rewiring and adaptation of translational machinery during an epithelial-mesenchymal transition in breast cancer cells. *Cancer & Metabolism*, **2020**, 8, 8	5.4	1
20	Fragmentation of extracellular ribosomes and tRNAs shapes the extracellular RNAome. *Nucleic Acids Research*, **2020**, 48, 12874-12888	20.1	22
19	Evolutionary Implications of the microRNA- and piRNA Complement of (Gastrotricha). *Non-coding RNA*, **2019**, 5,	7.1	4
18	Plant microRNAs in human sera are likely contaminants. *Journal of Nutritional Biochemistry*, **2019**, 65, 139-140	6.3	12
17	Non-coding RNA fragments account for the majority of annotated piRNAs expressed in somatic non-gonadal tissues. *Communications Biology*, **2018**, 1, 2	6.7	55
16	Detection and Analysis of Non-vesicular Extracellular RNA. *Methods in Molecular Biology*, **2018**, 1740, 125-137	1.4	2

List of Publications

15	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. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
14	Human and Cow Have Identical miR-21-5p and miR-30a-5p Sequences, Which Are Likely Unsuited to Study Dietary Uptake from Cow Milk. *Journal of Nutrition*, **2018**, 148, 1506-1507	4.1	19
13	Dimerization confers increased stability to nucleases in 5′ halves from glycine and glutamic acid tRNAs. *Nucleic Acids Research*, **2018**, 46, 9081-9093	20.1	35
12	An electrochemical biosensor for rapid detection of anti-dsDNA antibodies in absolute scale. *Analyst, The*, **2018**, 143, 3874-3882	5	8
11	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA - an ISEV position paper. *Journal of Extracellular Vesicles*, **2017**, 6, 1286095	16.4	410
10	Ribonucleic artefacts: are some extracellular RNA discoveries driven by cell culture medium components?. *Journal of Extracellular Vesicles*, **2017**, 6, 1272832	16.4	46
9	Electrochemical Sandwich Immunosensor for Determination of Exosomes Based on Surface Marker-Mediated Signal Amplification. *Analytical Chemistry*, **2016**, 88, 10466-10473	7.8	118
8	Assessment of small RNA sorting into different extracellular fractions revealed by high-throughput sequencing of breast cell lines. *Nucleic Acids Research*, **2015**, 43, 5601-16	20.1	132
7	Mining of public sequencing databases supports a non-dietary origin for putative foreign miRNAs: underestimated effects of contamination in NGS. *Rna*, **2014**, 20, 754-7	5.8	84
6	Template and catalytic effects of DNA in the construction of polypyrrole/DNA composite macro and microelectrodes. *Biosensors and Bioelectronics*, **2013**, 41, 294-301	11.8	11
5	Cloning, characterization and subcellular localization of a Trypanosoma cruzi argonaute protein defining a new subfamily distinctive of trypanosomatids. *Gene*, **2010**, 466, 26-35	3.8	28
4	A population of tRNA-derived small RNAs is actively produced in Trypanosoma cruzi and recruited to specific cytoplasmic granules. *Molecular and Biochemical Parasitology*, **2010**, 171, 64-73	1.9	79
3	Electrochemical DNA hybridization sensors applied to real and complex biological samples. *Biosensors and Bioelectronics*, **2010**, 26, 1205-17	11.8	100
2	Two independent label-free detection methods in one electrochemical DNA sensor. *Biosensors and Bioelectronics*, **2009**, 24, 3036-42	11.8	13
1	Fragmentation of extracellular ribosomes and tRNAs shapes the extracellular RNAome		2