

Bruno Costa-Silva

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.

36
papers

9,748
citations

19
h-index

46
g-index

46
ext. papers

12,072
ext. citations

10.8
avg, IF

5.34
L-index

#	Paper	IF	Citations
36	Tumour exosome integrins determine organotropic metastasis. <i>Nature</i> , 2015 , 527, 329-35	50.4	2614
35	Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET. <i>Nature Medicine</i> , 2012 , 18, 883-91	50.5	2530
34	Pancreatic cancer exosomes initiate pre-metastatic niche formation in the liver. <i>Nature Cell Biology</i> , 2015 , 17, 816-26	23.4	1533
33	Double-stranded DNA in exosomes: a novel biomarker in cancer detection. <i>Cell Research</i> , 2014 , 24, 766-9	24.7	987
32	Pre-metastatic niches: organ-specific homes for metastases. <i>Nature Reviews Cancer</i> , 2017 , 17, 302-317	31.3	815
31	Exosome-Based Cell-Cell Communication in the Tumor Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 18	5.7	332
30	Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. <i>Cell</i> , 2020 , 182, 1044-1061	56.18	288
29	Tumour exosomal CEMIP protein promotes cancer cell colonization in brain metastasis. <i>Nature Cell Biology</i> , 2019 , 21, 1403-1412	23.4	131
28	Multiple myeloma patients-derived exosomes as a potential new clinical tool. <i>Annals of Medicine</i> , 2019 , 51, 46-46	1.5	78
27	Enhanced neural progenitor/stem cells self-renewal via the interaction of stress-inducible protein 1 with the prion protein. <i>Stem Cells</i> , 2011 , 29, 1126-36	5.8	56
26	The unconventional secretion of stress-inducible protein 1 by a heterogeneous population of extracellular vesicles. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 3211-27	10.3	43
25	Extracellular matrix proteins and carcinoembryonic antigen-related cell adhesion molecules characterize pancreatic duct fluid exosomes in patients with pancreatic cancer. <i>Hpb</i> , 2018 , 20, 597-604	3.8	36
24	Exosomes as emerging players in cancer biology. <i>Biochimie</i> , 2018 , 155, 2-10	4.6	36
23	Disruption of prion protein-HOP engagement impairs glioblastoma growth and cognitive decline and improves overall survival. <i>Oncogene</i> , 2015 , 34, 3305-14	9.2	35
22	Label-Free Nanosensing Platform for Breast Cancer Exosome Profiling. <i>ACS Sensors</i> , 2019 , 4, 2073-2083	9.2	30
21	Fibronectin promotes differentiation of neural crest progenitors endowed with smooth muscle cell potential. <i>Experimental Cell Research</i> , 2009 , 315, 955-67	4.2	28
20	DNA in extracellular vesicles: biological and clinical aspects. <i>Molecular Oncology</i> , 2021 , 15, 1701-1714	7.9	25

19	Extracellular Vesicles Enriched in hsa-miR-301a-3p and hsa-miR-1293 Dynamics in Clear Cell Renal Cell Carcinoma Patients: Potential Biomarkers of Metastatic Disease. <i>Cancers</i> , 2020 , 12,	6.6	19
18	Employing Flow Cytometry to Extracellular Vesicles Sample Microvolume Analysis and Quality Control. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 593750	5.7	14
17	Prion protein binding to HOP modulates the migration and invasion of colorectal cancer cells. <i>Clinical and Experimental Metastasis</i> , 2016 , 33, 441-51	4.7	14
16	Thyroid hormone mediates syndecan expression in rat neonatal cerebellum. <i>Cellular and Molecular Neurobiology</i> , 2008 , 28, 795-801	4.6	11
15	Impaired astrocytic extracellular matrix distribution under congenital hypothyroidism affects neuronal development in vitro. <i>Journal of Neuroscience Research</i> , 2010 , 88, 3350-60	4.4	10
14	Effects of Folic Acid and Homocysteine on the Morphogenesis of Mouse Cephalic Neural Crest Cells In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 371-376	4.6	9
13	Liquid biopsies for multiple myeloma in a time of precision medicine. <i>Journal of Molecular Medicine</i> , 2020 , 98, 513-525	5.5	8
12	Plasma Extracellular Vesicle-Derived TIMP-1 mRNA as a Prognostic Biomarker in Clear Cell Renal Cell Carcinoma: A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
11	Extra-cellular vesicles carry proteome of cancer hallmarks. <i>Frontiers in Bioscience - Landmark</i> , 2020 , 25, 398-436	2.8	6
10	Is the Proteome of Bronchoalveolar Lavage Extracellular Vesicles a Marker of Advanced Lung Cancer?. <i>Cancers</i> , 2020 , 12,	6.6	5
9	The Gastrointestinal Tumor Microenvironment: An Updated Biological and Clinical Perspective. <i>Journal of Oncology</i> , 2019 , 2019, 6240505	4.5	5
8	Transcriptome Reprogramming of CD11b Bone Marrow Cells by Pancreatic Cancer Extracellular Vesicles. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 592518	5.7	4
7	MicroRNAs and Extracellular Vesicles as Distinctive Biomarkers of Precocious and Advanced Stages of Breast Cancer Brain Metastases Development. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
6	Susceptibility Perturbation MRI Maps Tumor Infiltration into Mesorectal Lymph Nodes. <i>Cancer Research</i> , 2019 , 79, 2435-2444	10.1	3
5	Population Analysis of Extracellular Vesicles in Microvolumes of Biofluids		2
4	Current Applications and Discoveries Related to the Membrane Components of Circulating Tumor Cells and Extracellular Vesicles. <i>Cells</i> , 2021 , 10,	7.9	2
3	Microfluidic platforms for extracellular vesicle isolation, analysis and therapy in cancer.. <i>Lab on A Chip</i> , 2022 ,	7.2	2
2	Characterization of Circulating and Bone Marrow Derived Exosomes in Multiple Myeloma Patients. <i>Blood</i> , 2018 , 132, 3172-3172	2.2	1

1 Surface-enhanced Raman scattering paper-based analytical devices **2022**, 117-167

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