Bruno Costa-Silva

List of Publications by Year
in descending order

42 papers	13,624 citations	361413 20 h-index	302126 39 g-index
46 all docs	46 docs citations	46 times ranked	18096 citing authors

#	Article	IF	Citations
1	Tumour exosome integrins determine organotropic metastasis. Nature, 2015, 527, 329-335.	27.8	3,688
2	Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET. Nature Medicine, 2012, 18, 883-891.	30.7	3,098
3	Pancreatic cancer exosomes initiate pre-metastatic niche formation in the liver. Nature Cell Biology, 2015, 17, 816-826.	10.3	2,064
4	Double-stranded DNA in exosomes: a novel biomarker in cancer detection. Cell Research, 2014, 24, 766-769.	12.0	1,282
5	Pre-metastatic niches: organ-specific homes for metastases. Nature Reviews Cancer, 2017, 17, 302-317.	28.4	1,272
6	Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. Cell, 2020, 182, 1044-1061.e18.	28.9	691
7	Exosome-Based Cell-Cell Communication in the Tumor Microenvironment. Frontiers in Cell and Developmental Biology, 2018, 6, 18.	3.7	495
8	Tumour exosomal CEMIP protein promotes cancer cell colonization in brain metastasis. Nature Cell Biology, 2019, 21, 1403-1412.	10.3	254
9	DNA in extracellular vesicles: biological and clinical aspects. Molecular Oncology, 2021, 15, 1701-1714.	4.6	102
10	Enhanced Neural Progenitor/Stem Cells Self-Renewal via the Interaction of Stress-Inducible Protein 1 with the Prion Protein. Stem Cells, 2011, 29, 1126-1136.	3.2	65
11	Label-Free Nanosensing Platform for Breast Cancer Exosome Profiling. ACS Sensors, 2019, 4, 2073-2083.	7.8	57
12	The unconventional secretion of stress-inducible protein 1 by a heterogeneous population of extracellular vesicles. Cellular and Molecular Life Sciences, 2013, 70, 3211-3227.	5.4	52
13	Extracellular matrix proteins and carcinoembryonic antigen-related cell adhesion molecules characterize pancreatic duct fluid exosomes in patients with pancreaticÂcancer. Hpb, 2018, 20, 597-604.	0.3	52
14	Disruption of prion proteinâ€“HOP engagement impairs glioblastoma growth and cognitive decline and improves overall survival. Oncogene, 2015, 34, 3305-3314.	5.9	47
15	Exosomes as emerging players in cancer biology. Biochimie, 2018, 155, 2-10.	2.6	46
16	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. Cancers, 2020, 12, 1450.	3.7	36
17	Employing Flow Cytometry to Extracellular Vesicles Sample Microvolume Analysis and Quality Control. Frontiers in Cell and Developmental Biology, 2020, 8, 593750.	3.7	34
18	Fibronectin promotes differentiation of neural crest progenitors endowed with smooth muscle cell potential. Experimental Cell Research, 2009, 315, 955-967.	2.6	31

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19	Microfluidic platforms for extracellular vesicle isolation, analysis and therapy in cancer. Lab on A Chip, 2022, 22, 1093-1125.	6.0	29
20	Prion protein binding to HOP modulates the migration and invasion of colorectal cancer cells. Clinical and Experimental Metastasis, 2016, 33, 441-451.	3.3	19
21	Liquid biopsies for multiple myeloma in a time of precision medicine. Journal of Molecular Medicine, 2020, 98, 513-525.	3.9	18
22	Is the Proteome of Bronchoalveolar Lavage Extracellular Vesicles a Marker of Advanced Lung Cancer?. Cancers, 2020, 12, 3450.	3.7	14
23	Extra-cellular vesicles carry proteome of cancer hallmarks. Frontiers in Bioscience - Landmark, 2020, 25, 398-436.	3.0	14
24	MicroRNAs and Extracellular Vesicles as Distinctive Biomarkers of Precocious and Advanced Stages of Breast Cancer Brain Metastases Development. International Journal of Molecular Sciences, 2021, 22, 5214.	4.1	13
25	Thyroid Hormone Mediates Syndecan Expression in Rat Neonatal Cerebellum. Cellular and Molecular Neurobiology, 2008, 28, 795-801.	3.3	12
26	Effects of Folic Acid and Homocysteine on the Morphogenesis of Mouse Cephalic Neural Crest Cells In Vitro. Cellular and Molecular Neurobiology, 2017, 37, 371-376.	3.3	12
27	Impaired astrocytic extracellular matrix distribution under congenital hypothyroidism affects neuronal development in vitro. Journal of Neuroscience Research, 2010, 88, 3350-3360.	2.9	11
28	The Gastrointestinal Tumor Microenvironment: An Updated Biological and Clinical Perspective. Journal of Oncology, 2019, 2019, 1-22.	1.3	10
29	Transcriptome Reprogramming of CD11b+ Bone Marrow Cells by Pancreatic Cancer Extracellular Vesicles. Frontiers in Cell and Developmental Biology, 2020, 8, 592518.	3.7	10
30	Plasma Extracellular Vesicle-Derived TIMP-1 mRNA as a Prognostic Biomarker in Clear Cell Renal Cell Carcinoma: A Pilot Study. International Journal of Molecular Sciences, 2020, 21, 4624.	4.1	10
31	Proteomic Landscape of Extracellular Vesicles for Diffuse Large B-Cell Lymphoma Subtyping. International Journal of Molecular Sciences, 2021, 22, 11004.	4.1	9
32	Multiple Myeloma-Derived Extracellular Vesicles Modulate the Bone Marrow Immune Microenvironment. Frontiers in Immunology, 0, 13, .	4.8	6
33	Current Applications and Discoveries Related to the Membrane Components of Circulating Tumor Cells and Extracellular Vesicles. Cells, 2021, 10, 2221.	4.1	5
34	Susceptibility Perturbation MRI Maps Tumor Infiltration into Mesorectal Lymph Nodes. Cancer Research, 2019, 79, 2435-2444.	0.9	4
35	Unraveling the Relevance of ARL GTPases in Cutaneous Melanoma Prognosis through Integrated Bioinformatics Analysis. International Journal of Molecular Sciences, 2021, 22, 9260.	4.1	4
36	Messages from the Small Intestine Carried by Extracellular Vesicles in Prediabetes: A Proteomic Portrait. Journal of Proteome Research, 2022, 21, 910-920.	3.7	4

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37	Defining Optimal Conditions for Tumor Extracellular Vesicle DNA Extraction for Mutation Profiling. Cancers, 2022, 14, 3258.	3.7	3
38	Characterization of Circulating and Bone Marrow Derived Exosomes in Multiple Myeloma Patients. Blood, 2018, 132, 3172-3172.	1.4	2
39	Extracellular Vesicles Derived-LAT1 mRNA as a Powerful Inducer of Colorectal Cancer Aggressive Phenotype. Biology, 2022, 11, 145.	2.8	2
40	Patient-Derived Extracellular Vesicles Proteins as New Biomarkers in Multiple Myeloma - A Real-World Study. Frontiers in Oncology, 0, 12, .	2.8	2
41	Surface-enhanced Raman scattering paper-based analytical devices. , 2022, , 117-167.		1
42	Multiple myeloma patients-derived exosomes as a potential new clinical tool. Annals of Medicine, 2024, 51, 46-46.	3.8	0