

Bruno Costa-Silva

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

13,624
citations

361296

20
h-index

302012

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. <i>Nature</i> , 2015, 527, 329-335.	13.7	3,688
2	Melanoma exosomes educate bone marrow progenitor cells toward a pro-metastatic phenotype through MET. <i>Nature Medicine</i> , 2012, 18, 883-891.	15.2	3,098
3	Pancreatic cancer exosomes initiate pre-metastatic niche formation in the liver. <i>Nature Cell Biology</i> , 2015, 17, 816-826.	4.6	2,064
4	Double-stranded DNA in exosomes: a novel biomarker in cancer detection. <i>Cell Research</i> , 2014, 24, 766-769.	5.7	1,282
5	Pre-metastatic niches: organ-specific homes for metastases. <i>Nature Reviews Cancer</i> , 2017, 17, 302-317.	12.8	1,272
6	Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. <i>Cell</i> , 2020, 182, 1044-1061.e18.	13.5	691
7	Exosome-Based Cell-Cell Communication in the Tumor Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 18.	1.8	495
8	Tumour exosomal CEMIP protein promotes cancer cell colonization in brain metastasis. <i>Nature Cell Biology</i> , 2019, 21, 1403-1412.	4.6	254
9	DNA in extracellular vesicles: biological and clinical aspects. <i>Molecular Oncology</i> , 2021, 15, 1701-1714.	2.1	102
10	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, 1126-1136.	1.4	65
11	Label-Free Nanosensing Platform for Breast Cancer Exosome Profiling. <i>ACS Sensors</i> , 2019, 4, 2073-2083.	4.0	57
12	The unconventional secretion of stress-inducible protein 1 by a heterogeneous population of extracellular vesicles. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3211-3227.	2.4	52
13	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.	0.1	52
14	Disruption of prion protein ^{Sc} HOP engagement impairs glioblastoma growth and cognitive decline and improves overall survival. <i>Oncogene</i> , 2015, 34, 3305-3314.	2.6	47
15	Exosomes as emerging players in cancer biology. <i>Biochimie</i> , 2018, 155, 2-10.	1.3	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. <i>Cancers</i> , 2020, 12, 1450.	1.7	36
17	Employing Flow Cytometry to Extracellular Vesicles Sample Microvolume Analysis and Quality Control. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 593750.	1.8	34
18	Fibronectin promotes differentiation of neural crest progenitors endowed with smooth muscle cell potential. <i>Experimental Cell Research</i> , 2009, 315, 955-967.	1.2	31

#	ARTICLE	IF	CITATIONS
19	Microfluidic platforms for extracellular vesicle isolation, analysis and therapy in cancer. <i>Lab on A Chip</i> , 2022, 22, 1093-1125.	3.1	29
20	Prion protein binding to HOP modulates the migration and invasion of colorectal cancer cells. <i>Clinical and Experimental Metastasis</i> , 2016, 33, 441-451.	1.7	19
21	Liquid biopsies for multiple myeloma in a time of precision medicine. <i>Journal of Molecular Medicine</i> , 2020, 98, 513-525.	1.7	18
22	Is the Proteome of Bronchoalveolar Lavage Extracellular Vesicles a Marker of Advanced Lung Cancer?. <i>Cancers</i> , 2020, 12, 3450.	1.7	14
23	Extra-cellular vesicles carry proteome of cancer hallmarks. <i>Frontiers in Bioscience - Landmark</i> , 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. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5214.	1.8	13
25	Thyroid Hormone Mediates Syndecan Expression in Rat Neonatal Cerebellum. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 795-801.	1.7	12
26	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.	1.7	12
27	Impaired astrocytic extracellular matrix distribution under congenital hypothyroidism affects neuronal development in vitro. <i>Journal of Neuroscience Research</i> , 2010, 88, 3350-3360.	1.3	11
28	The Gastrointestinal Tumor Microenvironment: An Updated Biological and Clinical Perspective. <i>Journal of Oncology</i> , 2019, 2019, 1-22.	0.6	10
29	Transcriptome Reprogramming of CD11b+ Bone Marrow Cells by Pancreatic Cancer Extracellular Vesicles. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 592518.	1.8	10
30	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, 4624.	1.8	10
31	Proteomic Landscape of Extracellular Vesicles for Diffuse Large B-Cell Lymphoma Subtyping. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11004.	1.8	9
32	Multiple Myeloma-Derived Extracellular Vesicles Modulate the Bone Marrow Immune Microenvironment. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
33	Current Applications and Discoveries Related to the Membrane Components of Circulating Tumor Cells and Extracellular Vesicles. <i>Cells</i> , 2021, 10, 2221.	1.8	5
34	Susceptibility Perturbation MRI Maps Tumor Infiltration into Mesorectal Lymph Nodes. <i>Cancer Research</i> , 2019, 79, 2435-2444.	0.4	4
35	Unraveling the Relevance of ARL GTPases in Cutaneous Melanoma Prognosis through Integrated Bioinformatics Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9260.	1.8	4
36	Messages from the Small Intestine Carried by Extracellular Vesicles in Prediabetes: A Proteomic Portrait. <i>Journal of Proteome Research</i> , 2022, 21, 910-920.	1.8	4

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37	Defining Optimal Conditions for Tumor Extracellular Vesicle DNA Extraction for Mutation Profiling. <i>Cancers</i> , 2022, 14, 3258.	1.7	3
38	Characterization of Circulating and Bone Marrow Derived Exosomes in Multiple Myeloma Patients. <i>Blood</i> , 2018, 132, 3172-3172.	0.6	2
39	Extracellular Vesicles Derived-LAT1 mRNA as a Powerful Inducer of Colorectal Cancer Aggressive Phenotype. <i>Biology</i> , 2022, 11, 145.	1.3	2
40	Patient-Derived Extracellular Vesicles Proteins as New Biomarkers in Multiple Myeloma - A Real-World Study. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	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. <i>Annals of Medicine</i> , 2024, 51, 46-46.	1.5	0