Alberto Benito-Martin

List of Publications by Citations

39 papers	2,715 citations	25 h-index	45 g-index
45 ext. papers	3,633 ext. citations	9 avg, IF	4.47 L-index

#	Paper	IF	Citations
39	Identification of distinct nanoparticles and subsets of extracellular vesicles by asymmetric flow field-flow fractionation. *Nature Cell Biology*, **2018**, 20, 332-343	23.4	686
38	Extracellular Vesicle and Particle Biomarkers Define Multiple Human Cancers. *Cell*, **2020**, 182, 1044-1061	66.8	288
37	A novel community driven software for functional enrichment analysis of extracellular vesicles data. *Journal of Extracellular Vesicles*, **2017**, 6, 1321455	16.4	200
36	Tumour exosomal CEMIP protein promotes cancer cell colonization in brain metastasis. *Nature Cell Biology*, **2019**, 21, 1403-1412	23.4	131
35	Unilateral ureteral obstruction: beyond obstruction. *International Urology and Nephrology*, **2014**, 46, 765-76	2.5	116
34	Galectin-3, a biomarker linking oxidative stress and inflammation with the clinical outcomes of patients with atherothrombosis. *Journal of the American Heart Association*, **2014**, 3,	6	95
33	The death ligand TRAIL in diabetic nephropathy. *Journal of the American Society of Nephrology: JASN*, **2008**, 19, 904-14	12.7	87
32	Evolution of Cancer Stem-like Cells in Endocrine-Resistant Metastatic Breast Cancers Is Mediated by Stromal Microvesicles. *Cancer Research*, **2017**, 77, 1927-1941	10.1	83
31	A simplified method to recover urinary vesicles for clinical applications, and sample banking. *Scientific Reports*, **2014**, 4, 7532	4.9	81
30	Myocardial fibrosis and apoptosis, but not inflammation, are present in long-term experimental diabetes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 297, H2109-19	5.2	79
29	TNF-related weak inducer of apoptosis (TWEAK) promotes kidney fibrosis and Ras-dependent proliferation of cultured renal fibroblast. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 1744-55	6.9	71
28	The new deal: a potential role for secreted vesicles in innate immunity and tumor progression. *Frontiers in Immunology*, **2015**, 6, 66	8.4	70
27	Use of extracellular vesicles from lymphatic drainage as surrogate markers of melanoma progression and mutation. *Journal of Experimental Medicine*, **2019**, 216, 1061-1070	16.6	67
26	TNF superfamily: a growing saga of kidney injury modulators. *Mediators of Inflammation*, **2010**, 2010,	4.3	63
25	The influence of tumour-derived extracellular vesicles on local and distal metastatic dissemination. *Molecular Aspects of Medicine*, **2018**, 60, 15-26	16.7	59
24	TWEAK (tumor necrosis factor-like weak inducer of apoptosis) activates CXCL16 expression during renal tubulointerstitial inflammation. *Kidney International*, **2012**, 81, 1098-107	9.9	55
23	FunRich proteomics software analysis, let the fun begin!. *Proteomics*, **2015**, 15, 2555-6	4.8	53

22	HSP27/HSPB1 as an adaptive podocyte antiapoptotic protein activated by high glucose and angiotensin II. *Laboratory Investigation*, **2012**, 92, 32-45	5.9	47
21	Kidney tissue proteomics reveals regucalcin downregulation in response to diabetic nephropathy with reflection in urinary exosomes. *Translational Research*, **2015**, 166, 474-484.e4	11	43
20	New paradigms in cell death in human diabetic nephropathy. *Kidney International*, **2010**, 78, 737-44	9.9	42
19	Estrogens and breast cancer: Mechanisms involved in obesity-related development, growth and progression. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 189, 161-170	5.1	40
18	Osteoprotegerin in exosome-like vesicles from human cultured tubular cells and urine. *PLoS ONE*, **2013**, 8, e72387	3.7	40
17	Angiotensin II contributes to renal fibrosis independently of Notch pathway activation. *PLoS ONE*, **2012**, 7, e40490	3.7	33
16	Characterization of Induced Pluripotent Stem Cell Microvesicle Genesis, Morphology and Pluripotent Content. *Scientific Reports*, **2016**, 6, 19743	4.9	27
15	A nanoconjugate Apaf-1 inhibitor protects mesothelial cells from cytokine-induced injury. *PLoS ONE* , **2009**, 4, e6634	3.7	27
14	Retinal progenitor cells release extracellular vesicles containing developmental transcription factors, microRNA and membrane proteins. *Scientific Reports*, **2018**, 8, 2823	4.9	20
13	Modulation of renal tubular cell survival: where is the evidence?. *Current Medicinal Chemistry*, **2006**, 13, 449-54	4.3	20
12	Obstructive renal injury: from fluid mechanics to molecular cell biology. *Research and Reports in Urology*, **2010**, 2, 41-55	1.3	16
11	Platelet factor 4 is a biomarker for lymphatic-promoted disorders. *JCI Insight*, **2020**, 5,	9.9	13
10	Endogenous NAMPT dampens chemokine expression and apoptotic responses in stressed tubular cells. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2014**, 1842, 293-303	6.9	11
9	Laser therapy in metabolic syndrome-related kidney injury. *Photochemistry and Photobiology*, **2013**, 89, 953-60	3.6	11
8	Biocompatibility reduces inflammation-induced apoptosis in mesothelial cells exposed to peritoneal dialysis fluid. *Blood Purification*, **2015**, 39, 200-209	3.1	10
7	Melanoma-derived small extracellular vesicles induce lymphangiogenesis and metastasis through an NGFR-dependent mechanism.. *Nature Cancer*, **2021**, 2, 1387-1405	15.4	7
6	Increased miR-21-3p and miR-487b-3p serum levels during anaphylactic reaction in food allergic children. *Pediatric Allergy and Immunology*, **2021**, 32, 1296-1306	4.2	7
5	Analysis of Adult Neural Retina Extracellular Vesicle Release, RNA Transport and Proteomic Cargo **2020**, 61, 30		5

4	Human retinal organoids release extracellular vesicles that regulate gene expression in target human retinal progenitor cells. *Scientific Reports*, **2021**, 11, 21128	4.9	2
3	Proteomic profile of extracellular vesicles in anaphylaxis and their role in vascular permeability. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 2276-2279	9.3	2
2	SAT-126 Breast Adipose Tissue Extracellular Vesicles from Obese Women Increase Breast Cancer Aggressiveness - a Novel Mechanism for the Obesity-Breast Cancer Link. *Journal of the Endocrine Society*, **2020**, 4,	0.4	1
1	Abstract P5-05-02: Extracellular vesicles from obese human breast adipose tissue promote breast cancer cell proliferation by increasing mitochondrial mass and stimulating mitochondrial respiration. *Cancer Research*, **2022**, 82, P5-05-02-P5-05-02	10.1	