Arkaitz Carracedo

List of Publications by Year in Descending Order

114 papers	11,738 citations	47 h-index	108 g-index
126 ext. papers	13,447 ext. citations	13.8 avg, IF	6.07 L-index

#	Paper	IF	Citations
114	Prospects of Surface-Enhanced Raman Spectroscopy for Biomarker Monitoring toward Precision Medicine.. *ACS Photonics*, **2022**, 9, 333-350	6.3	7
113	Implication of Ceramide Kinase/C1P in Cancer Development and Progression.. *Cancers*, **2022**, 14,	6.6	1
112	PI3K-regulated Glycine N-methyltransferase is required for the development of prostate cancer.. *Oncogenesis*, **2022**, 11, 10	6.6	
111	Stromal Oncostatin M cytokine promotes breast cancer progression by reprogramming the tumour microenvironment.. *Journal of Clinical Investigation*, **2022**,	15.9	3
110	Methionine Cycle Rewiring by Targeting miR-873-5p Modulates Ammonia Metabolism to Protect the Liver from Acetaminophen. *Antioxidants*, **2022**, 11, 897	7.1	1
109	Identification of proximal SUMO-dependent interactors using SUMO-ID. *Nature Communications*, **2021**, 12, 6671	17.4	6
108	Nanocomposite Scaffolds for Monitoring of Drug Diffusion in Three-Dimensional Cell Environments by Surface-Enhanced Raman Spectroscopy. *Nano Letters*, **2021**, 21, 8785-8793	11.5	5
107	LUZP1 Controls Cell Division, Migration and Invasion Through Regulation of the Actin Cytoskeleton. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 624089	5.7	0
106	Identification of Androgen Receptor Metabolic Correlome Reveals the Repression of Ceramide Kinase by Androgens. *Cancers*, **2021**, 13,	6.6	2
105	H NMR-Based Urine Metabolomics Reveals Signs of Enhanced Carbon and Nitrogen Recycling in Prostate Cancer. *Journal of Proteome Research*, **2020**, 19, 2419-2428	5.6	14
104	Phosphoinositide 3-Kinase-Regulated Pericyte Maturation Governs Vascular Remodeling. *Circulation*, **2020**, 142, 688-704	16.7	14
103	Multiplex SERS Detection of Metabolic Alterations in Tumor Extracellular Media. *Advanced Functional Materials*, **2020**, 30, 1910335	15.6	32
102	The Urinary Transcriptome as a Source of Biomarkers for Prostate Cancer. *Cancers*, **2020**, 12,	6.6	8
101	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. *Journal of Clinical Investigation*, **2020**, 130, 3848-3864	15.9	12
100	CDCP1 overexpression drives prostate cancer progression and can be targeted in vivo. *Journal of Clinical Investigation*, **2020**, 130, 2435-2450	15.9	6
99	LUZP1, a novel regulator of primary cilia and the actin cytoskeleton, is a contributing factor in Townes-Brocks Syndrome. *ELife*, **2020**, 9,	8.9	14
98	Genetic manipulation of LKB1 elicits lethal metastatic prostate cancer. *Journal of Experimental Medicine*, **2020**, 217,	16.6	7

97	Genomic and Functional Regulation of TRIB1 Contributes to Prostate Cancer Pathogenesis. *Cancers* , **2020**, 12,	6.6	3
96	Targeting PML in triple negative breast cancer elicits growth suppression and senescence. *Cell Death and Differentiation*, **2020**, 27, 1186-1199	12.7	10
95	rMTA: robust metabolic transformation analysis. *Bioinformatics*, **2019**, 35, 4350-4355	7.2	4
94	VE-cadherin promotes vasculogenic mimicry by modulating kaiso-dependent gene expression. *Cell Death and Differentiation*, **2019**, 26, 348-361	12.7	26
93	PGC1 Suppresses Prostate Cancer Cell Invasion through ERR Transcriptional Control. *Cancer Research*, **2019**, 79, 6153-6165	10.1	21
92	Arkaitz Carracedo: If the scientific question is good, the result will be interesting. *Journal of Experimental Medicine*, **2019**, 216, 2449-2450	16.6	
91	Oil for the cancer engine: The cross-talk between oncogenic signaling and polyamine metabolism. *Science Advances*, **2018**, 4, eaar2606	14.3	40
90	Compartmentalized activities of the pyruvate dehydrogenase complex sustain lipogenesis in prostate cancer. *Nature Genetics*, **2018**, 50, 219-228	36.3	71
89	CK1 promotes tumour suppressive autophagy. *Nature Cell Biology*, **2018**, 20, 369-371	23.4	1
88	MicroRNA-506 promotes primary biliary cholangitis-like features in cholangiocytes and immune activation. *Hepatology*, **2018**, 67, 1420-1440	11.2	45
87	Differential effects of FXR or TGR5 activation in cholangiocarcinoma progression. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 1335-1344	6.9	39
86	Urea Cycle Dysregulation Generates Clinically Relevant Genomic and Biochemical Signatures. *Cell*, **2018**, 174, 1559-1570.e22	56.2	102
85	Re-evaluating statin activity in cancer. *Aging*, **2018**, 10, 1538-1539	5.6	
84	PPAR Elicits Ligand-Independent Repression of Trefoil Factor Family to Limit Prostate Cancer Growth. *Cancer Research*, **2018**, 78, 399-409	10.1	15
83	Low-dose statin treatment increases prostate cancer aggressiveness. *Oncotarget*, **2018**, 9, 1494-1504	3.3	9
82	Integrative analysis of transcriptomics and clinical data uncovers the tumor-suppressive activity of MITF in prostate cancer. *Cell Death and Disease*, **2018**, 9, 1041	9.8	6
81	Rewiring urea cycle metabolism in cancer to support anabolism. *Nature Reviews Cancer*, **2018**, 18, 634-645	51.3	107
80	CANCERTOOL: A Visualization and Representation Interface to Exploit Cancer Datasets. *Cancer Research*, **2018**, 78, 6320-6328	10.1	40

79	Metabolic alterations in urine extracellular vesicles are associated to prostate cancer pathogenesis and progression. *Journal of Extracellular Vesicles*, **2018**, 7, 1470442	16.4	63
78	Hepatic p63 regulates steatosis via IKK/ER stress. *Nature Communications*, **2017**, 8, 15111	17.4	32
77	Quiescence-like Metabolism to Push Cancer Out of the Race. *Cell Metabolism*, **2017**, 25, 997-999	24.6	4
76	Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. *Oncogene*, **2017**, 36, 2737-2749	9.2	27
75	In-silico gene essentiality analysis of polyamine biosynthesis reveals APRT as a potential target in cancer. *Scientific Reports*, **2017**, 7, 14358	4.9	6
74	Metabolism and Transcription in Cancer: Merging Two Classic Tales. *Frontiers in Cell and Developmental Biology*, **2017**, 5, 119	5.7	19
73	Mitochondrial Metabolism: Yin and Yang for Tumor Progression. *Trends in Endocrinology and Metabolism*, **2017**, 28, 748-757	8.8	41
72	The immunosuppressive effect of the tick protein, Salp15, is long-lasting and persists in a murine model of hematopoietic transplant. *Scientific Reports*, **2017**, 7, 10740	4.9	11
71	mTORC1-dependent AMD1 regulation sustains polyamine metabolism in prostate cancer. *Nature*, **2017**, 547, 109-113	50.4	92
70	Promyelocytic Leukemia Protein, a Protein at the Crossroad of Oxidative Stress and Metabolism. *Antioxidants and Redox Signaling*, **2017**, 26, 432-444	8.4	12
69	Pharmacological inhibition of fatty-acid oxidation synergistically enhances the effect of l-asparaginase in childhood ALL cells. *Leukemia*, **2016**, 30, 209-18	10.7	26
68	Transcriptomic profiling of urine extracellular vesicles reveals alterations of CDH3 in prostate cancer. *Oncotarget*, **2016**, 7, 6835-46	3.3	48
67	Comparative miRNA Analysis of Urine Extracellular Vesicles Isolated through Five Different Methods. *Cancers*, **2016**, 8,	6.6	35
66	Vesicle-MaNiA: extracellular vesicles in liquid biopsy and cancer. *Current Opinion in Pharmacology*, **2016**, 29, 47-53	5.1	46
65	Different EV enrichment methods suitable for clinical settings yield different subpopulations of urinary extracellular vesicles from human samples. *Journal of Extracellular Vesicles*, **2016**, 5, 29497	16.4	89
64	Stratification and therapeutic potential of PML in metastatic breast cancer. *Nature Communications*, **2016**, 7, 12595	17.4	26
63	The metabolic co-regulator PGC1 suppresses prostate cancer metastasis. *Nature Cell Biology*, **2016**, 18, 645-656	23.4	140
62	Methodological aspects of the molecular and histological study of prostate cancer: focus on PTEN. *Methods*, **2015**, 77-78, 25-30	4.6	16

61	PTEN mediates Notch-dependent stalk cell arrest in angiogenesis. *Nature Communications*, **2015**, 6, 7935	17.4	64
60	Loss of Tribbles pseudokinase-3 promotes Akt-driven tumorigenesis via FOXO inactivation. *Cell Death and Differentiation*, **2015**, 22, 131-44	12.7	60
59	Oncosuppressive functions of tribbles pseudokinase 3. *Biochemical Society Transactions*, **2015**, 43, 1122-6	5.1	13
58	Ikaros mediates the DNA methylation-independent silencing of MCJ/DNAJC15 gene expression in macrophages. *Scientific Reports*, **2015**, 5, 14692	4.9	10
57	The promyelocytic leukemia protein is upregulated in conditions of obesity and liver steatosis. *International Journal of Biological Sciences*, **2015**, 11, 629-32	11.2	9
56	TRIB3 suppresses tumorigenesis by controlling mTORC2/AKT/FOXO signaling. *Molecular and Cellular Oncology*, **2015**, 2, e980134	1.2	15
55	Tetramerization-defects of p53 result in aberrant ubiquitylation and transcriptional activity. *Molecular Oncology*, **2014**, 8, 1026-42	7.9	15
54	A unified nomenclature and amino acid numbering for human PTEN. *Science Signaling*, **2014**, 7, pe15	8.8	45
53	RARRES3 suppresses breast cancer lung metastasis by regulating adhesion and differentiation. *EMBO Molecular Medicine*, **2014**, 6, 865-81	12	51
52	Cancer metabolism: fatty acid oxidation in the limelight. *Nature Reviews Cancer*, **2013**, 13, 227-32	31.3	702
51	Analysis of SUMOylated proteins using SUMO-traps. *Scientific Reports*, **2013**, 3, 1690	4.9	26
50	PML: Not all about Tumor Suppression. *Frontiers in Oncology*, **2013**, 3, 200	5.3	11
49	NUPR1 works against the metabolic stress-induced autophagy-associated cell death in pancreatic cancer cells. *Autophagy*, **2013**, 9, 95-7	10.2	16
48	Nupr1-aurora kinase A pathway provides protection against metabolic stress-mediated autophagic-associated cell death. *Clinical Cancer Research*, **2012**, 18, 5234-46	12.9	55
47	A PML–PPAR-δ pathway for fatty acid oxidation regulates hematopoietic stem cell maintenance. *Nature Medicine*, **2012**, 18, 1350-8	50.5	481
46	Systemic elevation of PTEN induces a tumor-suppressive metabolic state. *Cell*, **2012**, 149, 49-62	56.2	278
45	Is the bench getting closer to the bedside in the war on cancer? A quick look at prostate cancer. *Frontiers in Endocrinology*, **2012**, 3, 53	5.7	5
44	Murine double minute 2 regulates Hu antigen R stability in human liver and colon cancer through NEDDylation. *Hepatology*, **2012**, 55, 1237-48	11.2	89

43	A metabolic prosurvival role for PML in breast cancer. *Journal of Clinical Investigation*, **2012**, 122, 3088-100	15.9	178
42	Nuclear PTEN regulates the APC-CDH1 tumor-suppressive complex in a phosphatase-independent manner. *Cell*, **2011**, 144, 187-99	56.2	289
41	Stimulation of the midkine/ALK axis renders glioma cells resistant to cannabinoid antitumoral action. *Cell Death and Differentiation*, **2011**, 18, 959-73	12.7	64
40	SIRT3 opposes reprogramming of cancer cell metabolism through HIF1α destabilization. *Cancer Cell* , **2011**, 19, 416-28	24.3	589
39	The nuclear bodies inside out: PML conquers the cytoplasm. *Current Opinion in Cell Biology*, **2011**, 23, 360-6	9	33
38	Stimulation of ALK by the growth factor midkine renders glioma cells resistant to autophagy-mediated cell death. *Autophagy*, **2011**, 7, 1071-3	10.2	24
37	Ubiquitination of K-Ras enhances activation and facilitates binding to select downstream effectors. *Science Signaling*, **2011**, 4, ra13	8.8	127
36	PTEN level in tumor suppression: how much is too little?. *Cancer Research*, **2011**, 71, 629-33	10.1	192
35	Subtle variations in Pten dose determine cancer susceptibility. *Nature Genetics*, **2010**, 42, 454-8	36.3	438
34	Faithfull modeling of PTEN loss driven diseases in the mouse. *Current Topics in Microbiology and Immunology*, **2010**, 347, 135-68	3.3	29
33	The CB(2) cannabinoid receptor regulates human sperm cell motility. *Fertility and Sterility*, **2010**, 93, 1378-87	4	52
32	A novel type of cellular senescence that can be enhanced in mouse models and human tumor xenografts to suppress prostate tumorigenesis. *Journal of Clinical Investigation*, **2010**, 120, 681-93	15.9	249
31	High frequency of PTEN, PI3K, and AKT abnormalities in T-cell acute lymphoblastic leukemia. *Blood*, **2009**, 114, 647-50	2.2	348
30	Differential p53-independent outcomes of p19(Arf) loss in oncogenesis. *Science Signaling*, **2009**, 2, ra44	8.8	56
29	TRB3 links ER stress to autophagy in cannabinoid anti-tumoral action. *Autophagy*, **2009**, 5, 1048-9	10.2	59
28	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. *Journal of Clinical Investigation*, **2009**, 119, 1359-72	15.9	500
27	Amphiregulin is a factor for resistance of glioma cells to cannabinoid-induced apoptosis. *Glia*, **2009**, 57, 1374-85	9	34
26	ETS rearrangements and prostate cancer initiation. *Nature*, **2009**, 457, E1; discussion E2-3	50.4	88

25	Aberrant ERG expression cooperates with loss of PTEN to promote cancer progression in the prostate. *Nature Genetics*, **2009**, 41, 619-24	36.3	526
24	Differential requirement of mTOR in postmitotic tissues and tumorigenesis. *Science Signaling*, **2009**, 2, ra2	8.8	55
23	Cannabinoids as Potential Antitumoral Agents in Pancreatic Cancer **2009**, 39-49		1
22	The deubiquitinylation and localization of PTEN are regulated by a HAUSP-PML network. *Nature*, **2008**, 455, 813-7	50.4	394
21	The PTEN-PI3K pathway: of feedbacks and cross-talks. *Oncogene*, **2008**, 27, 5527-41	9.2	649
20	Down-regulation of tissue inhibitor of metalloproteinases-1 in gliomas: a new marker of cannabinoid antitumoral activity?. *Neuropharmacology*, **2008**, 54, 235-43	5.5	30
19	Tenets of PTEN tumor suppression. *Cell*, **2008**, 133, 403-14	56.2	848
18	SnapShot: PTEN signaling pathways. *Cell*, **2008**, 133, 550.e1	56.2	14
17	The antidepressant sertraline downregulates Akt and has activity against melanoma cells. *Pigment Cell and Melanoma Research*, **2008**, 21, 451-6	4.5	46
16	Deconstructing feedback-signaling networks to improve anticancer therapy with mTORC1 inhibitors. *Cell Cycle*, **2008**, 7, 3805-9	4.7	91
15	Cannabinoids inhibit glioma cell invasion by down-regulating matrix metalloproteinase-2 expression. *Cancer Research*, **2008**, 68, 1945-52	10.1	124
14	Aberrant Rheb-mediated mTORC1 activation and Pten haploinsufficiency are cooperative oncogenic events. *Genes and Development*, **2008**, 22, 2172-7	12.6	98
13	Inhibition of mTORC1 leads to MAPK pathway activation through a PI3K-dependent feedback loop in human cancer. *Journal of Clinical Investigation*, **2008**, 118, 3065-74	15.9	1031
12	Targeting Cannabinoid Receptors in Brain Tumors **2008**, 361-374		1
11	Cannabinoids and gliomas. *Molecular Neurobiology*, **2007**, 36, 60-7	6.2	69
10	Cannabinoids induce glioma stem-like cell differentiation and inhibit gliomagenesis. *Journal of Biological Chemistry*, **2007**, 282, 6854-62	5.4	92
9	The stress-regulated protein p8 mediates cannabinoid-induced apoptosis of tumor cells. *Cancer Cell* , **2006**, 9, 301-12	24.3	245
8	Expression and localization of delta-, kappa-, and mu-opioid receptors in human spermatozoa and implications for sperm motility. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 4969-75	5.6	73

7	Cannabinoids induce apoptosis of pancreatic tumor cells via endoplasmic reticulum stress-related genes. *Cancer Research*, **2006**, 66, 6748-55	10.1	250
6	Cannabinoid receptors as novel targets for the treatment of melanoma. *FASEB Journal*, **2006**, 20, 2633-5	0.9	203
5	The CB2 cannabinoid receptor signals apoptosis via ceramide-dependent activation of the mitochondrial intrinsic pathway. *Experimental Cell Research*, **2006**, 312, 2121-31	4.2	65
4	p8 Upregulation sensitizes astrocytes to oxidative stress. *FEBS Letters*, **2006**, 580, 1571-5	3.8	16
3	p38 MAPK is involved in CB2 receptor-induced apoptosis of human leukaemia cells. *FEBS Letters*, **2005**, 579, 5084-8	3.8	61
2	Ceramide sensitizes astrocytes to oxidative stress: protective role of cannabinoids. *Biochemical Journal*, **2004**, 380, 435-40	3.8	45
1	USP29 is a novel non-canonical Hypoxia Inducible Factor-□ activator		1