Arkaitz Carracedo

List of Publications by Year
in descending order

118 papers	14,723 citations	36691 53 h-index	21843 118 g-index
126 all docs	126 docs citations	126 times ranked	27094 citing authors

#	Article	IF	Citations
1	Implication of Ceramide Kinase/C1P in Cancer Development and Progression. Cancers, 2022, 14, 227.	1.7	13
2	Prospects of Surface-Enhanced Raman Spectroscopy for Biomarker Monitoring toward Precision Medicine. ACS Photonics, 2022, 9, 333-350.	3.2	53
3	PI3K-regulated Glycine N-methyltransferase is required for the development of prostate cancer. Oncogenesis, 2022, 11, 10.	2.1	6
4	Angiocrine polyamine production regulates adiposity. Nature Metabolism, 2022, 4, 327-343.	5.1	31
5	Stromal oncostatin M cytokine promotes breast cancer progression by reprogramming the tumor microenvironment. Journal of Clinical Investigation, 2022, 132, .	3.9	21
6	High SOX9 Maintains Glioma Stem Cell Activity through a Regulatory Loop Involving STAT3 and PML. International Journal of Molecular Sciences, 2022, 23, 4511.	1.8	3
7	Methionine Cycle Rewiring by Targeting miR-873-5p Modulates Ammonia Metabolism to Protect the Liver from Acetaminophen. Antioxidants, 2022, 11, 897.	2.2	3
8	Pyruvate Kinase M1 Suppresses Development and Progression of Prostate Adenocarcinoma. Cancer Research, 2022, 82, 2403-2416.	0.4	10
9	LUZP1 Controls Cell Division, Migration and Invasion Through Regulation of the Actin Cytoskeleton. Frontiers in Cell and Developmental Biology, 2021, 9, 624089.	1.8	11
10	Identification of Androgen Receptor Metabolic Correlome Reveals the Repression of Ceramide Kinase by Androgens. Cancers, 2021, 13, 4307.	1.7	7
11	Nanocomposite Scaffolds for Monitoring of Drug Diffusion in Three-Dimensional Cell Environments by Surface-Enhanced Raman Spectroscopy. Nano Letters, 2021, 21, 8785-8793.	4.5	15
12	Identification of proximal SUMO-dependent interactors using SUMO-ID. Nature Communications, 2021, 12, 6671.	5.8	27
13	Targeting PML in triple negative breast cancer elicits growth suppression and senescence. Cell Death and Differentiation, 2020, 27, 1186-1199.	5.0	26
14	Genetic manipulation of LKB1 elicits lethal metastatic prostate cancer. Journal of Experimental Medicine, 2020, 217, .	4.2	19
15	Genomic and Functional Regulation of TRIB1 Contributes to Prostate Cancer Pathogenesis. Cancers, 2020, 12, 2593.	1.7	26
16	Oligometastatic Prostate Adenocarcinoma. Clinical-Pathologic Study of a Histologically Under-Recognized Prostate Cancer. Journal of Personalized Medicine, 2020, 10, 265.	1.1	3
17	1H NMR-Based Urine Metabolomics Reveals Signs of Enhanced Carbon and Nitrogen Recycling in Prostate Cancer. Journal of Proteome Research, 2020, 19, 2419-2428.	1.8	21
18	Phosphoinositide 3-Kinaseâ€"Regulated Pericyte Maturation Governs Vascular Remodeling. Circulation, 2020, 142, 688-704.	1.6	29

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19	Multiplex SERS Detection of Metabolic Alterations in Tumor Extracellular Media. Advanced Functional Materials, 2020, 30, 1910335.	7.8	71
20	The Urinary Transcriptome as a Source of Biomarkers for Prostate Cancer. Cancers, 2020, 12, 513.	1.7	14
21	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. Journal of Clinical Investigation, 2020, 130, 3848-3864.	3.9	38
22	CDCP1 overexpression drives prostate cancer progression and can be targeted in vivo. Journal of Clinical Investigation, 2020, 130, 2435-2450.	3.9	27
23	LUZP1, a novel regulator of primary cilia and the actin cytoskeleton, is a contributing factor in Townes-Brocks Syndrome. ELife, 2020, 9, .	2.8	27
24	VE-cadherin promotes vasculogenic mimicry by modulating kaiso-dependent gene expression. Cell Death and Differentiation, 2019, 26, 348-361.	5.0	61
25	PGC1Î± Suppresses Prostate Cancer Cell Invasion through ERRÎ± Transcriptional Control. Cancer Research, 2019, 79, 6153-6165.	0.4	43
26	rMTA: robust metabolic transformation analysis. Bioinformatics, 2019, 35, 4350-4355.	1.8	11
27	Arkaitz Carracedo: If the scientific question is good, the result will be interesting. Journal of Experimental Medicine, 2019, 216, 2449-2450.	4.2	0
28	Oil for the cancer engine: The cross-talk between oncogenic signaling and polyamine metabolism. Science Advances, 2018, 4, eaar2606.	4.7	76
29	Compartmentalized activities of the pyruvate dehydrogenase complex sustain lipogenesis in prostate cancer. Nature Genetics, 2018, 50, 219-228.	9.4	139
30	CK1Î± promotes tumour suppressive autophagy. Nature Cell Biology, 2018, 20, 369-371.	4.6	1
31	MicroRNAâ€506 promotes primary biliary cholangitisâ€"like features in cholangiocytes and immune activation. Hepatology, 2018, 67, 1420-1440.	3.6	72
32	Differential effects of FXR or TGR5 activation in cholangiocarcinoma progression. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1335-1344.	1.8	55
33	PPARÎ´ Elicits Ligand-Independent Repression of Trefoil Factor Family to Limit Prostate Cancer Growth. Cancer Research, 2018, 78, 399-409.	0.4	20
34	Low-dose statin treatment increases prostate cancer aggressiveness. Oncotarget, 2018, 9, 1494-1504.	0.8	15
35	Integrative analysis of transcriptomics and clinical data uncovers the tumor-suppressive activity of MITF in prostate cancer. Cell Death and Disease, 2018, 9, 1041.	2.7	14
36	Rewiring urea cycle metabolism inÂcancer to support anabolism. Nature Reviews Cancer, 2018, 18, 634-645.	12.8	192

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37	CANCERTOOL: A Visualization and Representation Interface to Exploit Cancer Datasets. Cancer Research, 2018, 78, 6320-6328.	0.4	76
38	Metabolic alterations in urine extracellular vesicles are associated to prostate cancer pathogenesis and progression. Journal of Extracellular Vesicles, 2018, 7, 1470442.	5.5	103
39	Urea Cycle Dysregulation Generates Clinically Relevant Genomic and Biochemical Signatures. Cell, 2018, 174, 1559-1570.e22.	13.5	183
40	Re-evaluating statin activity in cancer. Aging, 2018, 10, 1538-1539.	1.4	0
41	Hepatic p63 regulates steatosis via IKKÎ²/ER stress. Nature Communications, 2017, 8, 15111.	5.8	45
42	Quiescence-like Metabolism to Push Cancer Out of the Race. Cell Metabolism, 2017, 25, 997-999.	7.2	5
43	Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. Oncogene, 2017, 36, 2737-2749.	2.6	34
44	In-silico gene essentiality analysis of polyamine biosynthesis reveals APRT as a potential target in cancer. Scientific Reports, 2017, 7, 14358.	1.6	10
45	Mitochondrial Metabolism: Yin and Yang for Tumor Progression. Trends in Endocrinology and Metabolism, 2017, 28, 748-757.	3.1	59
46	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.	1.6	14
47	mTORC1-dependent AMD1 regulation sustains polyamine metabolism in prostate cancer. Nature, 2017, 547, 109-113.	13.7	142
48	Promyelocytic Leukemia Protein, a Protein at the Crossroad of Oxidative Stress and Metabolism. Antioxidants and Redox Signaling, 2017, 26, 432-444.	2.5	16
49	New insights on prostate cancer progression. Cell Cycle, 2017, 16, 13-14.	1.3	4
50	Metabolism and Transcription in Cancer: Merging Two Classic Tales. Frontiers in Cell and Developmental Biology, 2017, 5, 119.	1.8	35
51	Comparative miRNA Analysis of Urine Extracellular Vesicles Isolated through Five Different Methods. Cancers, 2016, 8, 112.	1.7	41
52	Vesicle-MaNiA: extracellular vesicles in liquid biopsy and cancer. Current Opinion in Pharmacology, 2016, 29, 47-53.	1.7	55
53	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.	5.5	112
54	Stratification and therapeutic potential of PML in metastatic breast cancer. Nature Communications, 2016, 7, 12595.	5.8	45

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55	The metabolic co-regulator PGC1Î± suppresses prostate cancer metastasis. Nature Cell Biology, 2016, 18, 645-656.	4.6	176
56	Pharmacological inhibition of fatty-acid oxidation synergistically enhances the effect of l-asparaginase in childhood ALL cells. Leukemia, 2016, 30, 209-218.	3.3	31
57	Transcriptomic profiling of urine extracellular vesicles reveals alterations of CDH3 in prostate cancer. Oncotarget, 2016, 7, 6835-6846.	0.8	55
58	Oncosuppressive functions of tribbles pseudokinase 3. Biochemical Society Transactions, 2015, 43, 1122-1126.	1.6	20
59	Ikaros mediates the DNA methylation-independent silencing of MCJ/DNAJC15 gene expression in macrophages. Scientific Reports, 2015, 5, 14692.	1.6	21
60	The Promyelocytic Leukemia Protein Is Upregulated in Conditions of Obesity and Liver Steatosis. International Journal of Biological Sciences, 2015, 11, 629-632.	2.6	11
61	Methodological aspects of the molecular and histological study of prostate cancer: Focus on PTEN. Methods, 2015, 77-78, 25-30.	1.9	16
62	PTEN mediates Notch-dependent stalk cell arrest in angiogenesis. Nature Communications, 2015, 6, 7935.	5.8	86
63	Loss of Tribbles pseudokinase-3 promotes Akt-driven tumorigenesis via FOXO inactivation. Cell Death and Differentiation, 2015, 22, 131-144.	5.0	70
64	TRIB3 suppresses tumorigenesis by controlling mTORC2/AKT/FOXO signaling. Molecular and Cellular Oncology, 2015, 2, e980134.	0.3	16
65	A Unified Nomenclature and Amino Acid Numbering for Human PTEN. Science Signaling, 2014, 7, pe15.	1.6	50
66	<i><scp>RARRES</scp>3</i> suppresses breast cancer lung metastasis by regulating adhesion and differentiation. EMBO Molecular Medicine, 2014, 6, 865-881.	3.3	65
67	Tetramerizationâ€defects of p53 result in aberrant ubiquitylation and transcriptional activity. Molecular Oncology, 2014, 8, 1026-1042.	2.1	20
68	Cancer metabolism: fatty acid oxidation in the limelight. Nature Reviews Cancer, 2013, 13, 227-232.	12.8	969
69	Analysis of SUMOylated proteins using SUMO-traps. Scientific Reports, 2013, 3, 1690.	1.6	32
70	PML: Not all about Tumor Suppression. Frontiers in Oncology, 2013, 3, 200.	1.3	11
71	NUPR1 works against the metabolic stress-induced autophagy-associated cell death in pancreatic cancer cells. Autophagy, 2013, 9, 95-97.	4.3	22
72	Nupr1-Aurora Kinase A Pathway Provides Protection against Metabolic Stress-Mediated Autophagic-Associated Cell Death. Clinical Cancer Research, 2012, 18, 5234-5246.	3.2	63

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73	A PMLâ€“PPAR-Î´ pathway for fatty acid oxidation regulates hematopoietic stem cell maintenance. Nature Medicine, 2012, 18, 1350-1358.	15.2	612
74	Systemic Elevation of PTEN Induces a Tumor-Suppressive Metabolic State. Cell, 2012, 149, 49-62.	13.5	339
75	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.	1.5	5
76	Murine double minute 2 regulates Hu antigen R stability in human liver and colon cancer through NEDDylation. Hepatology, 2012, 55, 1237-1248.	3.6	104
77	A metabolic prosurvival role for PML in breast cancer. Journal of Clinical Investigation, 2012, 122, 3088-3100.	3.9	220
78	Nuclear PTEN Regulates the APC-CDH1 Tumor-Suppressive Complex inÂa Phosphatase-Independent Manner. Cell, 2011, 144, 187-199.	13.5	333
79	Stimulation of the midkine/ALK axis renders glioma cells resistant to cannabinoid antitumoral action. Cell Death and Differentiation, 2011, 18, 959-973.	5.0	76
80	SIRT3 Opposes Reprogramming of Cancer Cell Metabolism through HIF1Î± Destabilization. Cancer Cell, 2011, 19, 416-428.	7.7	690
81	The nuclear bodies inside out: PML conquers the cytoplasm. Current Opinion in Cell Biology, 2011, 23, 360-366.	2.6	37
82	Stimulation of ALK by the growth factor midkine renders glioma cells resistant to autophagy-mediated cell death. Autophagy, 2011, 7, 1071-1073.	4.3	27
83	Ubiquitination of K-Ras Enhances Activation and Facilitates Binding to Select Downstream Effectors. Science Signaling, 2011, 4, ra13.	1.6	152
84	PTEN Level in Tumor Suppression: How Much Is Too Little?. Cancer Research, 2011, 71, 629-633.	0.4	222
85	Subtle variations in Pten dose determine cancer susceptibility. Nature Genetics, 2010, 42, 454-458.	9.4	506
86	Faithfull Modeling of PTEN Loss Driven Diseases in the Mouse. Current Topics in Microbiology and Immunology, 2010, 347, 135-168.	0.7	29
87	The CB2 cannabinoid receptor regulates human sperm cell motility. Fertility and Sterility, 2010, 93, 1378-1387.	0.5	64
88	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, 681-693.	3.9	290
89	High frequency of PTEN, PI3K, and AKT abnormalities in T-cell acute lymphoblastic leukemia. Blood, 2009, 114, 647-650.	0.6	414
90	Differential p53-Independent Outcomes of p19 ^{Arf} Loss in Oncogenesis. Science Signaling, 2009, 2, ra44.	1.6	58

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91	TRB3 links ER stress to autophagy in cannabinoid antitumoral action. Autophagy, 2009, 5, 1048-1049.	4.3	68
92	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. Journal of Clinical Investigation, 2009, 119, 1359-1372.	3.9	585
93	Amphiregulin is a factor for resistance of glioma cells to cannabinoidâ€induced apoptosis. Glia, 2009, 57, 1374-1385.	2.5	37
94	ETS rearrangements and prostate cancer initiation. Nature, 2009, 457, E1-E1.	13.7	98
95	Aberrant ERG expression cooperates with loss of PTEN to promote cancer progression in the prostate. Nature Genetics, 2009, 41, 619-624.	9.4	595
96	Differential Requirement of mTOR in Postmitotic Tissues and Tumorigenesis. Science Signaling, 2009, 2, ra2.	1.6	64
97	Cannabinoids as Potential Antitumoral Agents in Pancreatic Cancer. , 2009, , 39-49.		1
98	The deubiquitinylation and localization of PTEN are regulated by a HAUSPâ€“PML network. Nature, 2008, 455, 813-817.	13.7	466
99	The PTENâ€“PI3K pathway: of feedbacks and cross-talks. Oncogene, 2008, 27, 5527-5541.	2.6	778
100	Down-regulation of tissue inhibitor of metalloproteinases-1 in gliomas: a new marker of cannabinoid antitumoral activity?. Neuropharmacology, 2008, 54, 235-243.	2.0	45
101	Tenets of PTEN Tumor Suppression. Cell, 2008, 133, 403-414.	13.5	951
102	SnapShot: PTEN Signaling Pathways. Cell, 2008, 133, 550-550.e1.	13.5	14
103	The antidepressant sertraline downregulates Akt and has activity against melanoma cells. Pigment Cell and Melanoma Research, 2008, 21, 451-456.	1.5	54
104	Deconstructing feedback-signaling networks to improve anticancer therapy with mTORC1 inhibitors. Cell Cycle, 2008, 7, 3805-3809.	1.3	95
105	Cannabinoids Inhibit Glioma Cell Invasion by Down-regulating Matrix Metalloproteinase-2 Expression. Cancer Research, 2008, 68, 1945-1952.	0.4	161
106	Aberrant <i>Rheb</i>-mediated mTORC1 activation and <i>Pten</i> haploinsufficiency are cooperative oncogenic events. Genes and Development, 2008, 22, 2172-2177.	2.7	109
107	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.	3.9	1,132
108	Targeting Cannabinoid Receptors in Brain Tumors. , 2008, , 361-374.		1

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109	Cannabinoids Induce Glioma Stem-like Cell Differentiation and Inhibit Gliomagenesis. Journal of Biological Chemistry, 2007, 282, 6854-6862.	1.6	116
110	Cannabinoids and Gliomas. Molecular Neurobiology, 2007, 36, 60-67.	1.9	82
111	Cannabinoid receptors as novel targets for the treatment of melanoma. FASEB Journal, 2006, 20, 2633-2635.	0.2	244
112	The CB2 cannabinoid receptor signals apoptosis via ceramide-dependent activation of the mitochondrial intrinsic pathway. Experimental Cell Research, 2006, 312, 2121-2131.	1.2	84
113	p8 Upregulation sensitizes astrocytes to oxidative stress. FEBS Letters, 2006, 580, 1571-1575.	1.3	20
114	The stress-regulated protein p8 mediates cannabinoid-induced apoptosis of tumor cells. Cancer Cell, 2006, 9, 301-312.	7.7	299
115	Expression and Localization of Î´-, Îº-, and Î¼-Opioid Receptors in Human Spermatozoa and Implications for Sperm Motility. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4969-4975.	1.8	93
116	Cannabinoids Induce Apoptosis of Pancreatic Tumor Cells via Endoplasmic Reticulum Stressâ€“Related Genes. Cancer Research, 2006, 66, 6748-6755.	0.4	302
117	p38 MAPK is involved in CB2receptor-induced apoptosis of human leukaemia cells. FEBS Letters, 2005, 579, 5084-5088.	1.3	71
118	Ceramide sensitizes astrocytes to oxidative stress: protective role of cannabinoids. Biochemical Journal, 2004, 380, 435-440.	1.7	54