

# Mariona Graupera

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

5,457  
citations

117571

34  
h-index

149623

56  
g-index

64  
all docs

64  
docs citations

64  
times ranked

9135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioural immune landscapes of inflammation. <i>Nature</i> , 2022, 601, 415-421.	13.7	53
2	Angiocrine polyamine production regulates adiposity. <i>Nature Metabolism</i> , 2022, 4, 327-343.	5.1	31
3	The onset of PI3K-related vascular malformations occurs during angiogenesis and is prevented by the AKT inhibitor miransertib. <i>EMBO Molecular Medicine</i> , 2022, 14, .	3.3	19
4	A junctional PACSIN2/EHD4/MICAL-L1 complex coordinates VE-cadherin trafficking for endothelial migration and angiogenesis. <i>Nature Communications</i> , 2021, 12, 2610.	5.8	23
5	The loss of DHX15 impairs endothelial energy metabolism, lymphatic drainage and tumor metastasis in mice. <i>Communications Biology</i> , 2021, 4, 1192.	2.0	5
6	Genetic manipulation of LKB1 elicits lethal metastatic prostate cancer. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	19
7	Editorial: Endothelial Dynamics in Health and Disease. <i>Frontiers in Physiology</i> , 2020, 11, 611117.	1.3	0
8	Phosphoinositide 3-Kinase-regulated Pericyte Maturation Governs Vascular Remodeling. <i>Circulation</i> , 2020, 142, 688-704.	1.6	29
9	Blockade of VEGF-C signaling inhibits lymphatic malformations driven by oncogenic PIK3CA mutation. <i>Nature Communications</i> , 2020, 11, 2869.	5.8	59
10	Developmental and Tumor Angiogenesis Requires the Mitochondria-Shaping Protein Opa1. <i>Cell Metabolism</i> , 2020, 31, 987-1003.e8.	7.2	101
11	Re-education of Tumor-Associated Macrophages by CXCR2 Blockade Drives Senescence and Tumor Inhibition in Advanced Prostate Cancer. <i>Cell Reports</i> , 2019, 28, 2156-2168.e5.	2.9	129
12	Antitumor Effects of Anti-Semaphorin 4D Antibody Unravel a Novel Proinvasive Mechanism of Vascular-Targeting Agents. <i>Cancer Research</i> , 2019, 79, 5328-5341.	0.4	21
13	PIK3CA mutations in vascular malformations. <i>Current Opinion in Hematology</i> , 2019, 26, 170-178.	1.2	38
14	Revisiting PI3-kinase signalling in angiogenesis. <i>Vascular Biology (Bristol, England)</i> , 2019, 1, H125-H134.	1.2	20
15	ALK1 Loss Results in Vascular Hyperplasia in Mice and Humans Through PI3K Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1216-1229.	1.1	75
16	A Role for CXCR4 in Peritoneal and Hematogenous Ovarian Cancer Dissemination. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 532-543.	1.9	28
17	Endothelial cell rearrangements during vascular patterning require PI3-kinase-mediated inhibition of actomyosin contractility. <i>Nature Communications</i> , 2018, 9, 4826.	5.8	53
18	Endothelial Cells: New Players in Obesity and Related Metabolic Disorders. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 781-794.	3.1	59

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19	Integrative analysis of transcriptomics and clinical data uncovers the tumor-suppressive activity of MITF in prostate cancer. <i>Cell Death and Disease</i> , 2018, 9, 1041.	2.7	14
20	DYRK1A Kinase Positively Regulates Angiogenic Responses in Endothelial Cells. <i>Cell Reports</i> , 2018, 23, 1867-1878.	2.9	34
21	Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. <i>Oncogene</i> , 2017, 36, 2737-2749.	2.6	34
22	Oncogenic PI3CA induces centrosome amplification and tolerance to genome doubling. <i>Nature Communications</i> , 2017, 8, 1773.	5.8	54
23	Resistance to Targeted Therapies in Renal Cancer: The Importance of Changing the Mechanism of Action. <i>Targeted Oncology</i> , 2017, 12, 19-35.	1.7	77
24	The TGF $\beta$ 2 pathway stimulates ovarian cancer cell proliferation by increasing IGF1R levels. <i>International Journal of Cancer</i> , 2016, 139, 1894-1903.	2.3	53
25	PI3 kinase inhibition improves vascular malformations in mouse models of hereditary haemorrhagic telangiectasia. <i>Nature Communications</i> , 2016, 7, 13650.	5.8	136
26	Therapeutic Benefit of Selective Inhibition of p110 $\alpha$ PI3-Kinase in Pancreatic Neuroendocrine Tumors. <i>Clinical Cancer Research</i> , 2016, 22, 5805-5817.	3.2	35
27	The metabolic co-regulator PGC1 $\alpha$ suppresses prostate cancer metastasis. <i>Nature Cell Biology</i> , 2016, 18, 645-656.	4.6	176
28	Resistance to Antiangiogenic Therapies by Metabolic Symbiosis in Renal Cell Carcinoma PDX Models and Patients. <i>Cell Reports</i> , 2016, 15, 1134-1143.	2.9	96
29	Targeting PI3K in Cancer: Impact on Tumor Cells, Their Protective Stroma, Angiogenesis, and Immunotherapy. <i>Cancer Discovery</i> , 2016, 6, 1090-1105.	7.7	217
30	Somatic activating mutations in <i>Pik3ca</i> cause sporadic venous malformations in mice and humans. <i>Science Translational Medicine</i> , 2016, 8, 332ra43.	5.8	138
31	Class I PI-3-Kinase Signaling Is Critical for Bone Formation Through Regulation of SMAD1 Activity in Osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1617-1630.	3.1	24
32	Sequential Functions of CPEB1 and CPEB4 Regulate Pathologic Expression of Vascular Endothelial Growth Factor and Angiogenesis in Chronic Liver Disease. <i>Gastroenterology</i> , 2016, 150, 982-997.e30.	0.6	73
33	Novel Role for p110 $\beta$ PI 3-Kinase in Male Fertility through Regulation of Androgen Receptor Activity in Sertoli Cells. <i>PLoS Genetics</i> , 2015, 11, e1005304.	1.5	35
34	cKit Lineage Hemogenic Endothelium-Derived Cells Contribute to Mesenteric Lymphatic Vessels. <i>Cell Reports</i> , 2015, 10, 1708-1721.	2.9	207
35	PI3K at the crossroads of tumor angiogenesis signaling pathways. <i>Molecular and Cellular Oncology</i> , 2015, 2, e975624.	0.3	29
36	PTEN mediates Notch-dependent stalk cell arrest in angiogenesis. <i>Nature Communications</i> , 2015, 6, 7935.	5.8	86

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37	The PDGFR $\beta$ -AKT Pathway Contributes to CDDP-Acquired Resistance in Testicular Germ Cell Tumors. <i>Clinical Cancer Research</i> , 2014, 20, 658-667.	3.2	55
38	Regulation of angiogenesis by PI3K signaling networks. <i>Experimental Cell Research</i> , 2013, 319, 1348-1355.	1.2	94
39	ErbBs inhibition by lapatinib blocks tumor growth in an orthotopic model of human testicular germ cell tumor. <i>International Journal of Cancer</i> , 2013, 133, 235-246.	2.3	16
40	Effectivity of pazopanib treatment in orthotopic models of human testicular germ cell tumors. <i>BMC Cancer</i> , 2013, 13, 382.	1.1	21
41	Metronomic chemotherapy following the maximum tolerated dose is an effective anti-tumour therapy affecting angiogenesis, tumour dissemination and cancer stem cells. <i>International Journal of Cancer</i> , 2013, 133, 2464-2472.	2.3	76
42	Inhibition of the p110 $\beta$ isoform of PI 3-kinase stimulates nonfunctional tumor angiogenesis. <i>Journal of Experimental Medicine</i> , 2013, 210, 1937-1945.	4.2	56
43	Inhibition of the p110 $\beta$ isoform of PI 3-kinase stimulates nonfunctional tumor angiogenesis. <i>Journal of Cell Biology</i> , 2013, 202, 202701A99.	2.3	0
44	Crosstalk Between Reticular Adherens Junctions and Platelet Endothelial Cell Adhesion Molecule-1 Regulates Endothelial Barrier Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, e90-102.	1.1	61
45	Integrin-dependent and -independent functions of astrocytic fibronectin in retinal angiogenesis. <i>Development (Cambridge)</i> , 2011, 138, 4451-4463.	1.2	116
46	The emerging mechanisms of isoform-specific PI3K signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 329-341.	16.1	1,491
47	Angiogenesis selectively requires the p110 $\beta$ isoform of PI3K to control endothelial cell migration. <i>Nature</i> , 2008, 453, 662-666.	13.7	459
48	Large-conductance calcium-activated potassium channels modulate vascular tone in experimental cirrhosis. <i>Liver International</i> , 2008, 28, 566-573.	1.9	6
49	Simvastatin treatment improves liver sinusoidal endothelial dysfunction in CCl4 cirrhotic rats. <i>Journal of Hepatology</i> , 2007, 46, 1040-1046.	1.8	203
50	Identification and Functional Characterization of the Hepatic Stellate Cell CD38 Cell Surface Molecule. <i>American Journal of Pathology</i> , 2007, 170, 176-187.	1.9	44
51	Ultrasensitive and absolute quantification of the phosphoinositide 3-kinase/Akt signal transduction pathway by mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8959-8964.	3.3	47
52	Sinusoidal endothelial COX-1-derived prostanoids modulate the hepatic vascular tone of cirrhotic rat livers. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G763-G770.	1.6	65
53	Cyclooxygenase-derived products modulate the increased intrahepatic resistance of cirrhotic rat livers. <i>Hepatology</i> , 2003, 37, 172-181.	3.6	126
54	Left ventricular hypertrophy in rats with biliary cirrhosis. <i>Hepatology</i> , 2003, 38, 589-598.	3.6	46

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55	Cyclooxygenase-1 inhibition corrects endothelial dysfunction in cirrhotic rat livers. <i>Journal of Hepatology</i> , 2003, 39, 515-521.	1.8	68
56	Acute propranolol administration effectively decreases portal pressure in patients with TIPS dysfunction. <i>Gut</i> , 2003, 52, 130-133.	6.1	22
57	5-lipoxygenase inhibition reduces intrahepatic vascular resistance of cirrhotic rat livers: A possible role of cysteinyl-leukotrienes. <i>Gastroenterology</i> , 2002, 122, 387-393.	0.6	96