

# Francesc Viñals

## List of Publications by Year in descending order

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60  
papers

5,608  
citations

126907

33  
h-index

128289

60  
g-index

61  
all docs

61  
docs citations

61  
times ranked

9468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiangiogenic Therapy Elicits Malignant Progression of Tumors to Increased Local Invasion and Distant Metastasis. <i>Cancer Cell</i> , 2009, 15, 220-231.	16.8	2,168
2	p42/p44 MAP Kinase Module Plays a Key Role in the Transcriptional Regulation of the Vascular Endothelial Growth Factor Gene in Fibroblasts. <i>Journal of Biological Chemistry</i> , 1998, 273, 18165-18172.	3.4	272
3	Phosphatidylinositol 3-Kinase Inhibitors Block Differentiation of Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 19146-19151.	3.4	194
4	Signaling angiogenesis via p42/p44 MAP kinase and hypoxia. <i>Biochemical Pharmacology</i> , 2000, 60, 1171-1178.	4.4	184
5	RANK Induces Epithelial-Mesenchymal Transition and Stemness in Human Mammary Epithelial Cells and Promotes Tumorigenesis and Metastasis. <i>Cancer Research</i> , 2012, 72, 2879-2888.	0.9	172
6	Mitochondrial Phosphoenolpyruvate Carboxykinase (PEPCK-M) Is a Pro-survival, Endoplasmic Reticulum (ER) Stress Response Gene Involved in Tumor Cell Adaptation to Nutrient Availability. <i>Journal of Biological Chemistry</i> , 2014, 289, 22090-22102.	3.4	148
7	p70 S6 Kinase-mediated Protein Synthesis Is a Critical Step for Vascular Endothelial Cell Proliferation. <i>Journal of Biological Chemistry</i> , 1999, 274, 26776-26782.	3.4	143
8	MPP+ increases $\alpha$ -synuclein expression and ERK/MAP-kinase phosphorylation in human neuroblastoma SH-SY5Y cells. <i>Brain Research</i> , 2002, 935, 32-39.	2.2	132
9	Signaling Angiogenesis via p42/p44 MAP Kinase Cascade. <i>Annals of the New York Academy of Sciences</i> , 2000, 902, 187-200.	3.8	119
10	Inhibition of PI3K/p70 S6K and p38 MAPK cascades increases osteoblastic differentiation induced by BMP-2. <i>FEBS Letters</i> , 2002, 510, 99-104.	2.8	118
11	BMP-2 decreases Mash1 stability by increasing Id1 expression. <i>EMBO Journal</i> , 2004, 23, 3527-3537.	7.8	97
12	Resistance to Antiangiogenic Therapies by Metabolic Symbiosis in Renal Cell Carcinoma PDX Models and Patients. <i>Cell Reports</i> , 2016, 15, 1134-1143.	6.4	96
13	A DERL3-associated defect in the degradation of SLC2A1 mediates the Warburg effect. <i>Nature Communications</i> , 2014, 5, 3608.	12.8	94
14	Lurbinectedin (PM01183), a New DNA Minor Groove Binder, Inhibits Growth of Orthotopic Primary Graft of Cisplatin-Resistant Epithelial Ovarian Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 5399-5411.	7.0	86
15	PTEN mediates Notch-dependent stalk cell arrest in angiogenesis. <i>Nature Communications</i> , 2015, 6, 7935.	12.8	86
16	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.	5.1	76
17	Filamin B Plays a Key Role in Vascular Endothelial Growth Factor-induced Endothelial Cell Motility through Its Interaction with Rac-1 and Vav-2. <i>Journal of Biological Chemistry</i> , 2010, 285, 10748-10760.	3.4	75
18	ALK1 Loss Results in Vascular Hyperplasia in Mice and Humans Through PI3K Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1216-1229.	2.4	75

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19	Myogenesis and MyoD Down-regulate Sp1. <i>Journal of Biological Chemistry</i> , 1997, 272, 12913-12921.	3.4	64
20	Antiangiogenic effect of gemcitabine following metronomic administration in a pancreas cancer model. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 638-647.	4.1	61
21	<sc>CDK</sc>-mediated activation of the <sc>SCF<sup>FBXO</sup></sc><sup>28</sup> ubiquitin ligase promotes <sc>MYC</sc>-driven transcription and tumorigenesis and predicts poor survival in breast cancer. <i>EMBO Molecular Medicine</i> , 2013, 5, 1067-1086.	6.9	61
22	Prodigiosin induces the proapoptotic gene NAG-1 via glycogen synthase kinase-3 <sup>β</sup> activity in human breast cancer cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 362-369.	4.1	60
23	Sunitinib Inhibits Tumor Growth and Synergizes with Cisplatin in Orthotopic Models of Cisplatin-Sensitive and Cisplatin-Resistant Human Testicular Germ Cell Tumors. <i>Clinical Cancer Research</i> , 2009, 15, 3384-3395.	7.0	57
24	Molecular mechanisms involved in the adenosine A1 and A2A receptor-induced neuronal differentiation in neuroblastoma cells and striatal primary cultures. <i>Journal of Neurochemistry</i> , 2005, 92, 337-348.	3.9	56
25	Inhibition of the p110 <sup>α</sup> isoform of PI 3-kinase stimulates nonfunctional tumor angiogenesis. <i>Journal of Experimental Medicine</i> , 2013, 210, 1937-1945.	8.5	56
26	GLUT1 glucose transporter gene transcription is repressed by Sp3. Evidence for a regulatory role of Sp3 during myogenesis 1 Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 1999, 294, 103-119.	4.2	53
27	The TGF <sup>β</sup> 2 pathway stimulates ovarian cancer cell proliferation by increasing IGF1R levels. <i>International Journal of Cancer</i> , 2016, 139, 1894-1903.	5.1	53
28	Endothelial cell rearrangements during vascular patterning require PI3-kinase-mediated inhibition of actomyosin contractility. <i>Nature Communications</i> , 2018, 9, 4826.	12.8	53
29	Factors Involved in GLUT-1 Glucose Transporter Gene Transcription in Cardiac Muscle. <i>Journal of Biological Chemistry</i> , 1999, 274, 17626-17634.	3.4	49
30	The anticancer agent prodigiosin induces p21WAF1/CIP1 expression via transforming growth factor-beta receptor pathway. <i>Biochemical Pharmacology</i> , 2007, 74, 1340-1349.	4.4	43
31	Myogenin Protein Stability Is Decreased by BMP-2 through a Mechanism Implicating Id1. <i>Journal of Biological Chemistry</i> , 2004, 279, 45766-45772.	3.4	40
32	PI3K (Phosphatidylinositol 3-Kinase) Activation and Endothelial Cell Proliferation in Patients with Hemorrhagic Hereditary Telangiectasia Type 1. <i>Cells</i> , 2019, 8, 971.	4.1	38
33	Tumors defective in homologous recombination rely on oxidative metabolism: relevance to treatments with <sc>PARP</sc> inhibitors. <i>EMBO Molecular Medicine</i> , 2020, 12, e11217.	6.9	37
34	Therapeutic Benefit of Selective Inhibition of p110 <sup>α</sup> PI3-Kinase in Pancreatic Neuroendocrine Tumors. <i>Clinical Cancer Research</i> , 2016, 22, 5805-5817.	7.0	35
35	Regulation of ubiquitous 6-phosphofructo-2-kinase by the ubiquitin-proteasome proteolytic pathway during myogenic C2C12 cell differentiation. <i>FEBS Letters</i> , 2003, 550, 23-29.	2.8	30
36	Active stress kinase p38 enhances and perpetuates abnormal tau phosphorylation and deposition in Pick's disease. <i>Acta Neuropathologica</i> , 2004, 107, 185-189.	7.7	30

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37	BMP $\alpha$ 2 regulation of PTHrP and osteoclastogenic factors during osteoblast differentiation of C2C12 cells. <i>Journal of Cellular Physiology</i> , 2008, 216, 144-152.	4.1	29
38	System A transport activity is stimulated in skeletal muscle in response to diabetes. <i>FEBS Letters</i> , 1992, 310, 51-54.	2.8	28
39	A Role for CXCR4 in Peritoneal and Hematogenous Ovarian Cancer Dissemination. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 532-543.	4.1	28
40	Molecular mechanisms behind the resistance of cisplatin in germ cell tumours. <i>Clinical and Translational Oncology</i> , 2009, 11, 780-786.	2.4	27
41	TGF $\beta$ 2 Controls Ovarian Cancer Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1658.	4.1	26
42	PDGFR-induced autocrine SDF-1 signaling in cancer cells promotes metastasis in advanced skin carcinoma. <i>Oncogene</i> , 2019, 38, 5021-5037.	5.9	26
43	The impact of KRAS mutations on VEGF-A production and tumour vascular network. <i>BMC Cancer</i> , 2013, 13, 125.	2.6	25
44	Effectivity of pazopanib treatment in orthotopic models of human testicular germ cell tumors. <i>BMC Cancer</i> , 2013, 13, 382.	2.6	21
45	Cancer Stem-like Cells Act via Distinct Signaling Pathways in Promoting Late Stages of Malignant Progression. <i>Cancer Research</i> , 2016, 76, 1245-1259.	0.9	21
46	Phase II study of preoperative bevacizumab, capecitabine and radiotherapy for resectable locally-advanced rectal cancer. <i>BMC Cancer</i> , 2015, 15, 59.	2.6	20
47	cAMP inhibits TGF $\beta$ 1-induced in vitro angiogenesis. <i>FEBS Letters</i> , 2004, 569, 105-111.	2.8	19
48	Orthoxenografts of Testicular Germ Cell Tumors Demonstrate Genomic Changes Associated with Cisplatin Resistance and Identify PDMP as a Resensitizing Agent. <i>Clinical Cancer Research</i> , 2018, 24, 3755-3766.	7.0	17
49	High glucose concentrations inhibit glucose phosphorylation, but not glucose transport, in human endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1450, 119-129.	4.1	16
50	Sertoli-secreted FGF-2 induces PFKFB4 isozyme expression in mouse spermatogenic cells by activation of the MEK/ERK/CREB pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E695-E707.	3.5	16
51	Effect of cations on the tyrosine kinase activity of the insulin receptor: inhibition by fluoride is magnesium dependent. <i>Molecular and Cellular Biochemistry</i> , 1997, 171, 69-73.	3.1	14
52	SGK1 is a signalling hub that controls protein synthesis and proliferation in endothelial cells. <i>FEBS Letters</i> , 2020, 594, 3200-3215.	2.8	14
53	The pancreatic niche inhibits the effectiveness of sunitinib treatment of pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 48265-48279.	1.8	10
54	Growth factor-stimulated protein synthesis is inhibited by sodium orthovanadate. <i>FEBS Journal</i> , 2001, 268, 2308-2314.	0.2	9

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55	Pharmacology and preclinical validation of a novel anticancer compound targeting PEPCK-M. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109601.	5.6	9
56	Regulation of System A amino-acid transport activity by phospholipase C and cAMP-inducing agents in skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993, 1176, 155-161.	4.1	6
57	Histamine signaling and metabolism identify potential biomarkers and therapies for lymphangiomiomatosis. <i>EMBO Molecular Medicine</i> , 2021, 13, e13929.	6.9	6
58	Rethinking growth factors: the case of BMP9 during vessel maturation. <i>Vascular Biology (Bristol, Avon, England)</i> , 2019, 31(10), 1050-1058.	3.2	5
59	Identification of a novel proliferation-dependent C-rich element that mediates inhibition of the rat GLUT1 promoter. <i>Gene</i> , 2003, 322, 47-55.	2.2	3
60	Identification and regulation of the endothelial glucose transporter by glucose and insulin. <i>Journal of Molecular and Cellular Cardiology</i> , 1992, 24, S107.	1.9	0