

# Begoña Diaz

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,609  
citations

331642

21  
h-index

454934

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tks5-Dependent, Nox-Mediated Generation of Reactive Oxygen Species Is Necessary for Invadopodia Formation. <i>Science Signaling</i> , 2009, 2, ra53.	3.6	203
2	Active Rho is localized to podosomes induced by oncogenic Src and is required for their assembly and function. <i>Journal of Cell Biology</i> , 2004, 166, 317-323.	5.2	145
3	Notch increases the shedding of HB-EGF by ADAM12 to potentiate invadopodia formation in hypoxia. <i>Journal of Cell Biology</i> , 2013, 201, 279-292.	5.2	136
4	A role for the podosome/invadopodia scaffold protein Tks5 in tumor growth in vivo. <i>European Journal of Cell Biology</i> , 2008, 87, 555-567.	3.6	103
5	Anti-Invasive Adjuvant Therapy with Imipramine Blue Enhances Chemotherapeutic Efficacy Against Glioma. <i>Science Translational Medicine</i> , 2012, 4, 127ra36.	12.4	102
6	Novel p47 <sup>phox</sup> -Related Organizers Regulate Localized NADPH Oxidase 1 (Nox1) Activity. <i>Science Signaling</i> , 2009, 2, ra54.	3.6	91
7	Persistent competition among stem cells and their daughters in the <i>Drosophila</i> ovary germline niche. <i>Development (Cambridge)</i> , 2009, 136, 995-1006.	2.5	84
8	A Src-Tks5 Pathway Is Required for Neural Crest Cell Migration during Embryonic Development. <i>PLoS ONE</i> , 2011, 6, e22499.	2.5	80
9	Apoptotic cell death of proliferating neuroepithelial cells in the embryonic retina is prevented by insulin. <i>European Journal of Neuroscience</i> , 1999, 11, 1624-1632.	2.6	72
10	Src-dependent Tks5 phosphorylation regulates invadopodia-associated invasion in prostate cancer cells. <i>Prostate</i> , 2014, 74, 134-148.	2.3	60
11	The impact of hypoxia in pancreatic cancer invasion and metastasis. <i>Hypoxia (Auckland, N Z)</i> , 2014, 2, 91.	1.9	58
12	Src kinase activity and SH2 domain regulate the dynamics of Src association with lipid and protein targets. <i>Journal of Cell Biology</i> , 2007, 178, 675-686.	5.2	57
13	The Invadopodia Scaffold Protein Tks5 Is Required for the Growth of Human Breast Cancer Cells In Vitro and In Vivo. <i>PLoS ONE</i> , 2015, 10, e0121003.	2.5	54
14	The role of Tks adaptor proteins in invadopodia formation, growth and metastasis of melanoma. <i>Oncotarget</i> , 2016, 7, 78473-78486.	1.8	46
15	A Reporter System for Reverse Transfection Cell Arrays. <i>Journal of Biomolecular Screening</i> , 2003, 8, 620-623.	2.6	36
16	The competitive nature of cells. <i>Experimental Cell Research</i> , 2005, 306, 317-322.	2.6	36
17	Redox signaling at invasive microdomains in cancer cells. <i>Free Radical Biology and Medicine</i> , 2012, 52, 247-256.	2.9	33
18	Genetic Disruption of the Sh3pxd2a Gene Reveals an Essential Role in Mouse Development and the Existence of a Novel Isoform of Tks5. <i>PLoS ONE</i> , 2014, 9, e107674.	2.5	33

#	ARTICLE	IF	CITATIONS
19	Adaptation of the Golgi Apparatus in Cancer Cell Invasion and Metastasis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 806482.	3.7	31
20	TKS5-positive invadopodia-like structures in human tumor surgical specimens. <i>Experimental and Molecular Pathology</i> , 2019, 106, 17-26.	2.1	28
21	Invadopodia Detection and Gelatin Degradation Assay. <i>Bio-protocol</i> , 2013, 3, .	0.4	28
22	7 Organoculture of the Chick Embryonic Neuroretina. <i>Current Topics in Developmental Biology</i> , 1997, 36, 133-144.	2.2	18
23	Heat shock proteins in retinal neurogenesis: identification of the PM1 antigen as the chick Hsc70 and its expression in comparison to that of other chaperones. <i>European Journal of Neuroscience</i> , 1998, 10, 3237-3245.	2.6	18
24	Tris DBA palladium is highly effective against growth and metastasis of pancreatic cancer in an orthotopic model. <i>Oncotarget</i> , 2016, 7, 51569-51580.	1.8	17
25	N-myristoyltransferase-1 is necessary for lysosomal degradation and mTORC1 activation in cancer cells. <i>Scientific Reports</i> , 2020, 10, 11952.	3.3	15
26	Identification of invadopodia by TKS5 staining in human cancer lines and patient tumor samples. <i>MethodsX</i> , 2019, 6, 718-726.	1.6	9
27	Pancreatic Adenocarcinoma Invasiveness and the Tumor Microenvironment: From Biology to Clinical Trials. <i>Biomedicines</i> , 2020, 8, 401.	3.2	5
28	Experimental supporting data on TKS5 and Cortactin expression and localization in human pancreatic cancer cells and tumors. <i>Data in Brief</i> , 2019, 22, 132-136.	1.0	3
29	EFFECTS OF ENDOGENOUS AND EXOGENOUS GLUCOCORTICOIDS ON LIVER DIFFERENTIATION. <i>Acta Biologica Hungarica</i> , 2001, 52, 63-74.	0.7	2
30	N-Myristoyltransferase Inhibition Decreases Tumor Growth in a Syngeneic Mouse Model of Lung Cancer. <i>Journal of the American College of Surgeons</i> , 2019, 229, e202.	0.5	0
31	Abstract SY02-04: Regulation of invadopodia formation and cancer cell invasion. , 2010, , .		0