

# Isabel Dominguez

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,861  
citations

279798

23  
h-index

395702

33  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein kinase C $\delta$ isoform is critical for mitogenic signal transduction. <i>Cell</i> , 1993, 74, 555-563.	28.9	393
2	Role of glycogen synthase kinase 3 beta as a negative regulator of dorsoventral axis formation in <i>Xenopus</i> embryos.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 8498-8502.	7.1	299
3	Mitofusins 1 and 2 Are Essential for Postnatal Metabolic Remodeling in Heart. <i>Circulation Research</i> , 2012, 111, 1012-1026.	4.5	198
4	The Alpha Catalytic Subunit of Protein Kinase CK2 Is Required for Mouse Embryonic Development. <i>Molecular and Cellular Biology</i> , 2008, 28, 131-139.	2.3	193
5	Jade-1 inhibits Wnt signalling by ubiquitylating $\beta$ -catenin and mediates Wnt pathway inhibition by pVHL. <i>Nature Cell Biology</i> , 2008, 10, 1208-1216.	10.3	162
6	Protein Kinase CK2 in Health and Disease. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 1850-1857.	5.4	162
7	CK2 Phosphorylation of the Armadillo Repeat Region of $\beta$ -Catenin Potentiates Wnt Signaling. <i>Journal of Biological Chemistry</i> , 2003, 278, 24018-24025.	3.4	150
8	Oncogenic Signaling Pathways Activated in DMBA-Induced Mouse Mammary Tumors. <i>Toxicologic Pathology</i> , 2005, 33, 726-737.	1.8	143
9	Kinase-Inactive Glycogen Synthase Kinase 3 $\beta$ Promotes Wnt Signaling and Mammary Tumorigenesis. <i>Cancer Research</i> , 2005, 65, 5792-5801.	0.9	135
10	Mining CK2 in Cancer. <i>PLoS ONE</i> , 2014, 9, e115609.	2.5	127
11	CK2 as a positive regulator of Wnt signalling and tumourigenesis. <i>Molecular and Cellular Biochemistry</i> , 2005, 274, 63-67.	3.1	122
12	CK2 in Cancer: Cellular and Biochemical Mechanisms and Potential Therapeutic Target. <i>Pharmaceuticals</i> , 2017, 10, 18.	3.8	120
13	$\beta$ -Arrestin and casein kinase 1/2 define distinct branches of non-canonical WNT signalling pathways. <i>EMBO Reports</i> , 2008, 9, 1244-1250.	4.5	71
14	Missing Links in GSK3 Regulation. <i>Developmental Biology</i> , 2001, 235, 303-313.	2.0	57
15	Gene targeting of CK2 catalytic subunits. <i>Molecular and Cellular Biochemistry</i> , 2008, 316, 141-147.	3.1	57
16	Cancer-type dependent expression of CK2 transcripts. <i>PLoS ONE</i> , 2017, 12, e0188854.	2.5	57
17	Protein kinase CK2 is required for dorsal axis formation in <i>Xenopus</i> embryos. <i>Developmental Biology</i> , 2004, 274, 110-124.	2.0	47
18	Alterations in levels of different protein kinase C isotypes and their influence on behavior of squamous cell carcinoma of the oral cavity: $\delta$ -PKC, a novel prognostic factor for relapse and survival. <i>Head and Neck</i> , 1995, 17, 516-525.	2.0	43

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19	Two distinct phosphorylation events govern the function of muscle FHOD3. Cellular and Molecular Life Sciences, 2013, 70, 893-908.	5.4	41
20	Self-organization of vertebrate mesoderm based on simple boundary conditions. Developmental Dynamics, 2004, 231, 576-581.	1.8	33
21	CK2 $\pm$ is essential for embryonic morphogenesis. Molecular and Cellular Biochemistry, 2011, 356, 209-216.	3.1	32
22	Dominant-negative G $\beta$ subunits are a mechanism of dysregulated heterotrimeric G protein signaling in human disease. Science Signaling, 2016, 9, ra37.	3.6	28
23	Threonine 393 of $\beta$ -catenin regulates interaction with Axin. Journal of Cellular Biochemistry, 2009, 108, 52-63.	2.6	27
24	Comparative Analysis of Non-viral Transfection Methods in Mouse Embryonic Fibroblast Cells. Journal of Biomolecular Techniques, 2017, 28, 67-74.	1.5	22
25	A role for CK2 $\pm/\beta$ in Xenopus early embryonic development. Molecular and Cellular Biochemistry, 2005, 274, 125-131.	3.1	21
26	Dynamic expression of a LEF $\beta$ -EGFP Wnt reporter in mouse development and cancer. Genesis, 2010, 48, 183-194.	1.6	21
27	Cell cycle-dependent chromatin shuttling of HBO1 $\beta$ -JADE1 histone acetyl transferase (HAT) complex. Cell Cycle, 2014, 13, 1885-1901.	2.6	21
28	Specific inhibition of GPCR-independent G protein signaling by a rationally engineered protein. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10319-E10328.	7.1	21
29	GPCR-independent activation of G proteins promotes apical cell constriction in vivo. Journal of Cell Biology, 2019, 218, 1743-1763.	5.2	21
30	Integrating the basic sciences in medical curricula: focus on the basic scientists. American Journal of Physiology - Advances in Physiology Education, 2020, 44, 119-123.	1.6	17
31	Down-regulation of CK2 $\pm$ correlates with decreased expression levels of DNA replication minichromosome maintenance protein complex (MCM) genes. Scientific Reports, 2019, 9, 14581.	3.3	5
32	Down-Regulation of CK2 $\pm$ Leads to Up-Regulation of the Cyclin-Dependent Kinase Inhibitor p27KIP1 in Conditions Unfavorable for the Growth of Myoblast Cells. Cellular Physiology and Biochemistry, 2020, 54, 1177-1198.	1.6	3
33	Integrating the Educators: Outcomes of a Pilot Program to Prime Basic Science Medical Educators for Success in Integrated Curricula. Medical Science Educator, 2019, 29, 637-642.	1.5	2
34	Asymmetric Localization of Ck2 $\pm$ During Xenopus Oogenesis. , 2013, 03, 11328.		1
35	The Wnt signaling network in cancer. , 0, , 222-255.		0
36	CK2 in Organ Development, Physiology, and Homeostasis. , 2015, , 59-79.		0

#	ARTICLE	IF	CITATIONS
37	Bridging The Foundationalâ€Clinical Science Divide By Priming PhD Trainees To Teach In Integrated Curricula: Pilot Program Outcomes. FASEB Journal, 2019, 33, 607.5.	0.5	0