

# Catalina Ribas Nuñez

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,634  
citations

471509

17  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2157  
citing authors

#	ARTICLE	IF	CITATIONS
1	The G protein-coupled receptor kinase (GRK) interactome: Role of GRKs in GPCR regulation and signaling. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 913-922.	2.6	341
2	Mechanisms of regulation of the expression and function of G protein-coupled receptor kinases. <i>Cellular Signalling</i> , 2003, 15, 973-981.	3.6	251
3	The complex G protein-coupled receptor kinase 2 (GRK2) interactome unveils new physiopathological targets. <i>British Journal of Pharmacology</i> , 2010, 160, 821-832.	5.4	188
4	Mechanisms of regulation of G protein-coupled receptor kinases (GRKs) and cardiovascular disease. <i>Cardiovascular Research</i> , 2006, 69, 46-56.	3.8	154
5	Membrane interactions of G proteins and other related proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 1640-1652.	2.6	101
6	G $\beta$ q signalling: The new and the old. <i>Cellular Signalling</i> , 2014, 26, 833-848.	3.6	81
7	G protein-coupled receptor kinase 2 positively regulates epithelial cell migration. <i>EMBO Journal</i> , 2008, 27, 1206-1218.	7.8	74
8	G protein-coupled receptor kinases (GRKs) in tumorigenesis and cancer progression: GPCR regulators and signaling hubs. <i>Seminars in Cancer Biology</i> , 2018, 48, 78-90.	9.6	73
9	G protein-coupled receptor kinase 2 (GRK2) as a multifunctional signaling hub. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4423-4446.	5.4	59
10	Calpains mediate isoproterenol-induced hypertrophy through modulation of GRK2. <i>Basic Research in Cardiology</i> , 2019, 114, 21.	5.9	41
11	BMP-7 attenuates left ventricular remodelling under pressure overload and facilitates reverse remodelling and functional recovery. <i>Cardiovascular Research</i> , 2016, 110, 331-345.	3.8	40
12	New roles of G protein-coupled receptor kinase 2 (GRK2) in cell migration. <i>Cell Adhesion and Migration</i> , 2009, 3, 19-23.	2.7	32
13	G $\beta$ q Acts as an Adaptor Protein in Protein Kinase C $\gamma$ (PKC $\gamma$ )-mediated ERK5 Activation by G Protein-coupled Receptors (GPCR). <i>Journal of Biological Chemistry</i> , 2010, 285, 13480-13489.	3.4	32
14	Tyrosine phosphorylation of G-protein-coupled-receptor kinase 2 (GRK2) by c-Src modulates its interaction with G $\beta$ q. <i>Cellular Signalling</i> , 2006, 18, 2004-2012.	3.6	30
15	Protein Kinase C (PKC) $\gamma$ -mediated G $\beta$ q Stimulation of ERK5 Protein Pathway in Cardiomyocytes and Cardiac Fibroblasts. <i>Journal of Biological Chemistry</i> , 2012, 287, 7792-7802.	3.4	27
16	A Humanized Mouse Model of HPV-Associated Pathology Driven by E7 Expression. <i>PLoS ONE</i> , 2012, 7, e41743.	2.5	23
17	Compensatory increase of VE-cadherin expression through ETS1 regulates endothelial barrier function in response to TNF $\alpha$ . <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2125-2140.	5.4	23
18	G protein-coupled receptor kinase 2 (GRK2) in migration and inflammation. <i>Archives of Physiology and Biochemistry</i> , 2008, 114, 195-200.	2.1	19

#	ARTICLE	IF	CITATIONS
19	G <sub>i</sub> q activation modulates autophagy by promoting mTORC1 signaling. Nature Communications, 2021, 12, 4540.	12.8	15
20	ERK5 Activation by Gq-Coupled Muscarinic Receptors Is Independent of Receptor Internalization and $\beta$ -Arrestin Recruitment. PLoS ONE, 2013, 8, e84174.	2.5	11
21	Protein Kinase C $\zeta$ Interacts with a Novel Binding Region of G <sub>i</sub> q to Act as a Functional Effector. Journal of Biological Chemistry, 2016, 291, 9513-9525.	3.4	9
22	An Overview on G Protein-coupled Receptor-induced Signal Transduction in Acute Myeloid Leukemia. Current Medicinal Chemistry, 2019, 26, 5293-5316.	2.4	5
23	PKC $\zeta$ -mediated G $\alpha$ Q stimulation of the ERK5 pathway plays a key role in cardiac hypertrophy. Journal of Molecular and Cellular Cardiology, 2007, 42, S45.	1.9	2
24	G $\alpha$ protein-coupled receptor kinase 2 safeguards epithelial phenotype in head and neck squamous cell carcinomas. International Journal of Cancer, 2020, 147, 218-229.	5.1	2
25	Chapter 16. The Complex Role of G Protein-coupled Receptor Kinase 2 (GRK2) in Cell Signalling: Beyond GPCR Desensitization. RSC Drug Discovery Series, 2011, , 316-334.	0.3	1