

Jose Vazquez-Prado

List of Publications by Year in descending order

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61
papers

2,664
citations

201674

27
h-index

189892

50
g-index

61
all docs

61
docs citations

61
times ranked

3531
citing authors

#	ARTICLE	IF	CITATIONS
1	The emerging mutational landscape of G proteins and G-protein-coupled receptors in cancer. <i>Nature Reviews Cancer</i> , 2013, 13, 412-424.	28.4	462
2	Plexin B Regulates Rho through the Guanine Nucleotide Exchange Factors Leukemia-associated Rho GEF (LARG) and PDZ-RhoGEF. <i>Journal of Biological Chemistry</i> , 2002, 277, 43115-43120.	3.4	196
3	Potent Activation of RhoA by G α q and Gq-coupled Receptors. <i>Journal of Biological Chemistry</i> , 2002, 277, 27130-27134.	3.4	149
4	P-Rex1 Links Mammalian Target of Rapamycin Signaling to Rac Activation and Cell Migration. <i>Journal of Biological Chemistry</i> , 2007, 282, 23708-23715.	3.4	148
5	β 1-Adrenoceptors: function and phosphorylation. <i>European Journal of Pharmacology</i> , 2000, 389, 1-12.	3.5	119
6	β 1-Adrenoceptors. <i>Archives of Medical Research</i> , 1999, 30, 449-458.	3.3	91
7	P-REX2, a novel PI-3-kinase sensitive Rac exchange factor. <i>FEBS Letters</i> , 2004, 572, 167-171.	2.8	84
8	Direct targeting of G α q and G α 11 oncoproteins in cancer cells. <i>Science Signaling</i> , 2019, 12, .	3.6	84
9	G protein-coupled receptor cross-talk: pivotal roles of protein phosphorylation and protein-protein interactions. <i>Cellular Signalling</i> , 2003, 15, 549-557.	3.6	80
10	mTORC1 and mTORC2 interacting proteins keep their multifunctional partners focused. <i>IUBMB Life</i> , 2011, 63, 896-914.	3.4	71
11	G Protein-coupled Receptor-promoted Trafficking of G α 1 and G α 2 Leads to AKT Activation at Endosomes via a Mechanism Mediated by G α 1-G α 2-Rab11a Interaction. <i>Molecular Biology of the Cell</i> , 2008, 19, 4188-4200.	2.1	68
12	Activation of Endothelin ETA Receptors Induces Phosphorylation of β 1b-Adrenoreceptors in Rat-1 Fibroblasts. <i>Journal of Biological Chemistry</i> , 1997, 272, 27330-27337.	3.4	61
13	Direct Interaction of p21-Activated Kinase 4 with PDZ-RhoGEF, a G Protein-linked Rho Guanine Exchange Factor. <i>Journal of Biological Chemistry</i> , 2004, 279, 6182-6189.	3.4	61
14	Phosphatidylinositol 3,4,5-Triphosphate-Dependent Rac Exchanger 1 (P-Rex-1), a Guanine Nucleotide Exchange Factor for Rac, Mediates Angiogenic Responses to Stromal Cell-Derived Factor-1/Chemokine Stromal Cell Derived Factor-1 (SDF-1/CXCL-12) Linked to Rac Activation, Endothelial Cell Migration, and in Vitro Angiogenesis. <i>Molecular Pharmacology</i> , 2010, 77, 435-442.	2.3	58
15	Norepinephrine- and Phorbol Ester-induced Phosphorylation of β 1a-Adrenergic Receptors. <i>Journal of Biological Chemistry</i> , 2000, 275, 6553-6559.	3.4	56
16	Characterization of adhesion plates induced by the interaction of Entamoeba histolytica trophozoites with fibronectin. <i>Cytoskeleton</i> , 1995, 32, 37-45.	4.4	54
17	Regulation of mTORC1 Complex Assembly and Signaling by GRp58/ERp57. <i>Molecular and Cellular Biology</i> , 2011, 31, 1657-1671.	2.3	52
18	Endothelial RhoGEFs: A systematic analysis of their expression profiles in VEGF-stimulated and tumor endothelial cells. <i>Vascular Pharmacology</i> , 2015, 74, 60-72.	2.1	43

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19	Calcium-Sensing Receptor Endocytosis Links Extracellular Calcium Signaling to Parathyroid Hormone-Related Peptide Secretion via a Rab11a-Dependent and AMSH-Sensitive Mechanism. <i>Molecular Endocrinology</i> , 2007, 21, 1394-1407.	3.7	39
20	Chemotactic and proangiogenic role of calcium sensing receptor is linked to secretion of multiple cytokines and growth factors in breast cancer MDA-MB-231 cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 166-182.	4.1	37
21	Zonula occludens-2 regulates Rho proteins activity and the development of epithelial cytoarchitecture and barrier function. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1714-1733.	4.1	37
22	Fibronectin-Derived Fragments as Inducers of Adhesion and Chemotaxis of Entamoeba histolytica Trophozoites. <i>Journal of Infectious Diseases</i> , 1997, 176, 1597-1602.	4.0	35
23	Cross-talk between receptors with intrinsic tyrosine kinase activity and β_1 -adrenoceptors. <i>Biochemical Journal</i> , 2000, 350, 413-419.	3.7	35
24	G $\alpha_{12/13}$ Pathways in Cell Polarity and Migration Linked to Oncogenic GPCR Signaling: Potential Relevance in Tumor Microenvironment. <i>Molecular Pharmacology</i> , 2016, 90, 573-586.	2.3	33
25	Protein Kinase A (PKA) Type I Interacts with P-Rex1, a Rac Guanine Nucleotide Exchange Factor. <i>Journal of Biological Chemistry</i> , 2016, 291, 6182-6199.	3.4	32
26	Crosstalk: phosphorylation of β_1 -adrenoceptors induced through activation of bradykinin B2 receptors. <i>FEBS Letters</i> , 1998, 422, 141-145.	2.8	28
27	Cross-talk between receptors with intrinsic tyrosine kinase activity and β_1 -adrenoceptors. <i>Biochemical Journal</i> , 2000, 350, 413.	3.7	27
28	G $\alpha_{12/13}$ signaling to the chemotactic effector P-REX1 and mammalian cell migration is directly regulated by G α_q and G α_{13} proteins. <i>Journal of Biological Chemistry</i> , 2019, 294, 531-546.	3.4	27
29	Cell adhesion controlled by adhesion G protein-coupled receptor GPR124/ADGRA2 is mediated by a protein complex comprising intersectins and Elmo-Dock. <i>Journal of Biological Chemistry</i> , 2017, 292, 12178-12191.	3.4	24
30	Sphingosine-1-phosphate receptor S1P1 is regulated by direct interactions with P-Rex1, a Rac guanine nucleotide exchange factor. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1647-1652.	2.1	23
31	Interferon gamma induces actin polymerization, Rac1 activation and down regulates phagocytosis in human monocytic cells. <i>Cytokine</i> , 2012, 57, 158-168.	3.2	23
32	AMSH regulates calcium-sensing receptor signaling through direct interactions. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 924-930.	2.1	22
33	Protein phosphatase-protein kinase interplay modulates β_1 -adrenoceptor phosphorylation: effects of okadaic acid. <i>British Journal of Pharmacology</i> , 2000, 129, 724-730.	5.4	21
34	Modular Architecture and Novel Protein-Protein Interactions Regulating the RGS-Containing Rho Guanine Nucleotide Exchange Factors. <i>Methods in Enzymology</i> , 2004, 390, 259-285.	1.0	21
35	Chimeric G α_{12} /G α_{13} Proteins Reveal the Structural Requirements for the Binding and Activation of the RGS-like (RGL)-containing Rho Guanine Nucleotide Exchange Factors (GEFs) by G α_{13} . <i>Journal of Biological Chemistry</i> , 2004, 279, 54283-54290.	3.4	21
36	Presence of serum antibodies to coagulation protein C in patients with systemic lupus erythematosus is not associated with antigenic or functional protein c deficiencies. <i>American Journal of Hematology</i> , 1993, 44, 58-59.	4.1	20

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37	Calcium-sensing-receptor (CaSR) controls IL-6 secretion in metastatic breast cancer MDA-MB-231 cells by a dual mechanism revealed by agonist and inverse-agonist modulators. <i>Molecular and Cellular Endocrinology</i> , 2016, 436, 159-168.	3.2	19
38	β 1-Adrenoceptor subtype activation increases proto-oncogene mRNA levels. Role of protein kinase C. <i>European Journal of Pharmacology</i> , 1998, 342, 311-317.	3.5	18
39	$G\beta\gamma$ interacts with mTOR and promotes its activation. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 218-223.	2.1	18
40	cAMP-dependent activation of the Rac guanine exchange factor P-REX1 by type I protein kinase A (PKA) regulatory subunits. <i>Journal of Biological Chemistry</i> , 2019, 294, 2232-2246.	3.4	17
41	Regulation of the human bradykinin B2 receptor expressed in sf21 insect cells: A possible role for tyrosine kinases. <i>Journal of Biological Chemistry</i> , 2000, 275, 658-673.		15
42	Calcium sensing receptor activates the NLRP3 inflammasome via a chaperone-assisted degradative pathway involving Hsp70 and LC3-II. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 1121-1127.	2.1	15
43	$G\beta\gamma$ directly drives PDZ-RhoGEF signaling to Cdc42. <i>Journal of Biological Chemistry</i> , 2020, 295, 16920-16928.	3.4	15
44	Differential Inhibitor of $G\beta\gamma$ Signaling to AKT and ERK Derived from Phosducin-like Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 18334-18346.	3.4	14
45	Protein kinase C-mediated phosphorylation and desensitization of human β 1b-adrenoceptors. <i>European Journal of Pharmacology</i> , 1999, 385, 263-271.	3.5	12
46	Calcium-sensing receptor inhibits TGF- β 2-signaling by decreasing Smad2 phosphorylation. <i>IUBMB Life</i> , 2013, 65, 1035-1042.	3.4	11
47	Protumoral bone marrow-derived cells migrate via $G\beta\gamma$ -dependent signaling pathways and exhibit a complex repertoire of RhoGEFs. <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 179-191.	3.4	11
48	Chloroethylclonidine is a partial β 1A-adrenoceptor agonist in cells expressing recombinant β 1-adrenoceptor subtypes. <i>Life Sciences</i> , 1997, 61, PL391-PL395.	4.3	9
49	$G\beta\gamma$ mediates activation of Rho guanine nucleotide exchange factor ARHGEF17 that promotes metastatic lung cancer progression. <i>Journal of Biological Chemistry</i> , 2022, 298, 101440.	3.4	8
50	The calcium sensing receptor (CaSR) promotes Rab27B expression and activity to control secretion in breast cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119026.	4.1	7
51	Calcium sensing receptor stimulates breast cancer cell migration via the $G\beta\gamma$ -AKT-mTORC2 signaling pathway. <i>Journal of Cell Communication and Signaling</i> , 2022, 16, 239-252.	3.4	7
52	Pro-adhesive phenotype of normal endothelial cells responding to metastatic breast cancer cell conditioned medium is linked to NF- κ B-mediated transcriptomic regulation. <i>International Journal of Oncology</i> , 2016, 49, 2173-2185.	3.3	5
53	VPS28, an ESCRT-I protein, regulates mitotic spindle organization via $G\beta\gamma$, EG5 and TPX2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1012-1022.	4.1	5
54	Endothelial cell sprouting driven by RhoJ directly activated by a membrane-anchored Intersectin 1 (ITSN1) RhoGEF module. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 109-116.	2.1	5

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55	GÎ ² Î ³ recruits and activates P-Rex1 via two independent binding interfaces. Biochemical and Biophysical Research Communications, 2021, 539, 20-27.	2.1	4
56	A modified spectrophotometric assay for porphobilinogen deaminase: its application in the detection of both carriers and patients with acute intermittent porphyria. Journal of Inherited Metabolic Disease, 1995, 18, 66-71.	3.6	2
57	P-Rex1 Signaling Hub in Lower Grade Glioma Patients, Found by In Silico Data Mining, Correlates With Reduced Survival and Augmented Immune Tumor Microenvironment. Frontiers in Oncology, 0, 12, .	2.8	2
58	Intracellular Calcium and Î±1b-Adrenoceptor Phosphorylation. Archives of Medical Research, 1999, 30, 353-357.	3.3	1
59	RGS-RhoGEFs and other RGS multidomain proteins as effector molecules in GPCR-dependent and GPCR-independent cell signaling. , 0, , 159-188.		1
60	The signal transduction branch of the Mexican Society of Biochemistry. IUBMB Life, 2011, 63, 795-796.	3.4	1
61	Introduction to special IUBMB life issue in celebration of cell signaling networks, 13th IUBMB Conference, 1st PABMB Conference and 3rd meeting of the signal transduction and oxidative stress branches of sociedad Mexicana de Bioquímica, to be held at MÃ©ri. IUBMB Life, 2011, 63, 783-783.	3.4	0