J Adolfo GarcÃ-a-sÃ¡inz

List of Publications by Year
in descending order

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91 papers	1,672 citations	313897 21 h-index	340881 36 g-index
101 all docs	101 docs citations	101 times ranked	1214 citing authors

#	Article	IF	Citations
1	Phorbol esters inhibit alpha1 adrenergic stimulation of glycogenolysis in isolated rat hepatocytes. Biochemical and Biophysical Research Communications, 1984, 119, 1128-1133.	2.2	115
2	Effect of insulin, catecholamines and calcium ions on phospholipid metabolism in isolated white fat-cells. Biochemical Journal, 1980, 186, 781-789.	3.8	109
3	Role of alpha1 adrenoceptors in the turnover of phosphatidylinositol and of alpha2 adrenoceptors in the regulation of cyclic AMP accumulation in hamster adipocytes. Life Sciences, 1980, 27, 953-961.	4.4	86
4	G protein-coupled receptor cross-talk: pivotal roles of protein phosphorylation and protein?protein interactions. Cellular Signalling, 2003, 15, 549-557.	3.7	82
5	Agonist-Induced Interactions between Angiotensin AT1 and Epidermal Growth Factor Receptors. Molecular Pharmacology, 2005, 68, 356-364.	2.3	72
6	Canonical and non-canonical Wnt signaling are simultaneously activated by Wnts in colon cancer cells. Cellular Signalling, 2020, 72, 109636.	3.7	60
7	Differential Phosphorylation, Desensitization, and Internalization of<i>Î±</i>1Aâ"Adrenoceptors Activated by Norepinephrine and Oxymetazoline. Molecular Pharmacology, 2013, 83, 870-881.	2.3	49
8	Phosphorylation and desensitization of the lysophosphatidic acid receptor LPA1. Biochemical Journal, 2005, 385, 677-684.	3.8	45
9	Î±1-adrenergic action: Receptor subtypes, signal transduction and regulation. Cellular Signalling, 1993, 5, 539-547.	3.7	41
10	Effects of adenosine on liver cell damage induced by carbon tetrachloride. Biochemical Pharmacology, 1984, 33, 2599-2604.	4.6	37
11	The elusive Î±1D-adrenoceptor: molecular and cellular characteristics and integrative roles. European Journal of Pharmacology, 2004, 500, 113-120.	3.6	37
12	Vasopressin and angiotensin II stimulate ureogenesis through increased mitochondrial citrulline production.. Life Sciences, 1982, 31, 2493-2498.	4.4	33
13	Effect of pertussis toxin on the hormonal regulation of cyclic AMP levels in hamster fat cells. Biochimica Et Biophysica Acta - General Subjects, 1983, 760, 215-220.	2.5	29
14	Free fatty acids and protein kinase C activation induce GPR120 (free fatty acid receptor 4) phosphorylation. European Journal of Pharmacology, 2014, 723, 368-374.	3.6	27
15	Differences in phorbol ester-induced decrease of the activity of protein kinase C isozymes in rat hepatocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1094, 77-84.	4.1	26
16	Angiotensin II and active phorbol esters induce proto-oncogene expression in isolated rat hepatocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1136, 309-314.	4.1	25
17	Regulation of adipose tissue metabolism by catecholamines: roles of alpha1, alpha2 and beta-adrenoceptors. Trends in Pharmacological Sciences, 1982, 3, 201-203.	8.6	24
18	Î±1B-Adrenergic Receptors Differentially Associate with Rab Proteins during Homologous and Heterologous Desensitization. PLoS ONE, 2015, 10, e0121165.	2.5	24

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19	Î±1-Adrenoceptor subtype selectivity of tamsulosin: Studies using livers from different species. European Journal of Pharmacology, 1995, 289, 1-7.	2.3	23
20	Human Î±1D-adrenoceptor phosphorylation and desensitization. Biochemical Pharmacology, 2004, 67, 1853-1858.	4.6	22
21	Cardiac hyporesponsiveness in severe sepsis is associated with nitric oxide-dependent activation of G protein receptor kinase. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H149-H163.	3.4	22
22	Novel Structural Approaches to Study GPCR Regulation. International Journal of Molecular Sciences, 2017, 18, 27.	4.2	21
23	Role of epidermal growth factor receptor transactivation in Î±1B-adrenoceptor phosphorylation. European Journal of Pharmacology, 2006, 542, 31-36.	3.6	20
24	Dissecting how receptor tyrosine kinases modulate G protein-coupled receptor function. European Journal of Pharmacology, 2010, 648, 1-5.	3.6	20
25	H1-histaminergic activation stimulates phosphatidylinositol labeling in rabbit aorta. European Journal of Pharmacology, 1983, 90, 457-459.	3.6	19
26	Î±1-Adrenoceptor subtypes in aorta (Î±1A) and liver (Î±1B). European Journal of Pharmacology, 1991, 206, 199-202.	2.3	19
27	Estrogens Cross-Talk to Î±1b-Adrenergic Receptors. Molecular Pharmacology, 2006, 70, 154-162.	2.3	19
28	Insulin-Like Growth Factor-I Induces Î±1B-Adrenergic Receptor Phosphorylation through GÎ²Î³ and Epidermal Growth Factor Receptor Transactivation. Molecular Endocrinology, 2006, 20, 2773-2783.	3.4	17
29	Regulation of LPA receptor function by estrogens. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 253-262.	4.1	17
30	EGF and angiotensin II modulate lysophosphatidic acid LPA1 receptor function and phosphorylation state. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 1170-1177.	2.5	17
31	S1P1 receptor phosphorylation, internalization, and interaction with Rab proteins: effects of sphingosine 1-phosphate, FTY720-P, phorbol esters, and paroxetine. Bioscience Reports, 2018, 38, .	2.7	17
32	Mechanisms involved in Î±_{1B}â€adrenoceptor desensitization. IUBMB Life, 2011, 63, 811-815.	3.6	16
33	Noradrenaline, oxymetazoline and phorbol myristate acetate induce distinct functional actions and phosphorylation patterns of Î±1A-adrenergic receptors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2378-2388.	4.1	16
34	Different phosphorylation patterns regulate Î±1D-adrenoceptor signaling and desensitization. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 842-854.	4.1	16
35	Insulin induces Î±1B-adrenergic receptor phosphorylation and desensitization. Life Sciences, 2004, 75, 1937-1947.	4.4	15
36	New Multi-target Antagonists of Â1A-, Â1D-Adrenoceptors and 5-HT1A Receptors Reduce Human Hyperplastic Prostate Cell Growth and the Increase of Intraurethral Pressure. Journal of Pharmacology and Experimental Therapeutics, 2015, 356, 212-222.	2.4	15

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37	Protein Kinase C Activation Promotes Î±_{1B}-Adrenoceptor Internalization and Late Endosome Trafficking through Rab9 Interaction. Role in Heterologous Desensitization. Molecular Pharmacology, 2017, 91, 296-306.	2.3	14
38	Î±1B-Adrenergic receptor phosphorylation and desensitization induced by transforming growth factor-Î². Biochemical Journal, 2002, 368, 581-587.	3.8	13
39	Conventional protein kinase C isoforms mediate phorbol ester-induced lysophosphatidic acid LPA1 receptor phosphorylation. European Journal of Pharmacology, 2014, 723, 124-130.	3.6	13
40	Protein kinases and phosphatases modulate c-fos expression in rat hepatocytes. effects of angiotensin II and phorbol myristate acetate. Life Sciences, 1995, 56, 723-728.	4.4	12
41	Phosphorylation, desensitization and internalization of human Î±1B-adrenoceptors induced by insulin-like growth factor-I. European Journal of Pharmacology, 2008, 578, 1-10.	3.6	12
42	Receptor tyrosine kinases regulate Î±1D-adrenoceptor signaling properties: Phosphorylation and desensitization. International Journal of Biochemistry and Cell Biology, 2009, 41, 1276-1283.	2.9	11
43	Roles of the Î±1A-adrenergic receptor carboxyl tail in protein kinase C-induced phosphorylation and desensitization. Naunyn-Schmiedeberg's Archives of Pharmacology, 2010, 382, 499-510.	3.1	11
44	Î±1D-Adrenergic Receptors. Methods in Enzymology, 2010, 484, 109-125.	1.7	11
45	Isoforms of protein kinase C involved in phorbol ester-induced sphingosine 1-phosphate receptor 1 phosphorylation and desensitization. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 327-334.	4.1	11
46	Distinct phosphorylation sites/clusters in the carboxyl terminus regulate Î±1D-adrenergic receptor subcellular localization and signaling. Cellular Signalling, 2019, 53, 374-389.	3.7	11
47	Sites phosphorylated in human Î±1B-adrenoceptors in response to noradrenaline and phorbol myristate acetate. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1509-1519.	4.1	10
48	Roles of Receptor Phosphorylation and Rab Proteins in G Protein-Coupled Receptor Function and Trafficking. Molecular Pharmacology, 2022, 101, 144-153.	2.3	10
49	Homologous and heterologous Î²-adrenergic desensitization in hepatocytes. Additivity and effect of pertussis toxin. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 972, 311-319.	4.1	9
50	Î±1-Adrenoceptors in proximal segments of tail arteries from control and reserpinised rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 376, 117-126.	3.1	8
51	Signaling properties of human Î±1D-adrenoceptors lacking the carboxyl terminus: intrinsic activity, agonist-mediated activation, and desensitization. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 380, 99-107.	3.1	8
52	The LPA3 Receptor: Regulation and Activation of Signaling Pathways. International Journal of Molecular Sciences, 2021, 22, 6704.	4.2	8
53	Okadaic acid increases the phosphorylation state of Î±1A-adrenoceptors and induces receptor desensitization. European Journal of Pharmacology, 2005, 525, 18-23.	3.6	7
54	Lysophosphatidic acid LPA₁ receptor closeâ€up. Signal Transduction, 2007, 7, 351-363.	0.5	7

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55	Sphingosine 1-phosphate-mediated Î±1B-adrenoceptor desensitization and phosphorylation. Direct and paracrine/autocrine actions. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 245-254.	4.1	7
56	Stimulation of ureogenesis through Î±1- and Î²-adrenoceptors in juvenile rat hepatocytes. European Journal of Pharmacology, 1982, 82, 89-91.	3.6	6
57	The Î±1-adrenoceptor-mediated human hyperplastic prostate cells proliferation is impaired by EGF receptor inhibition. Life Sciences, 2019, 239, 117048.	4.4	6
58	Modulation by protein kinase C of the hormonal responsiveness of hepatocytes from lean (Fa/fa?) and obese (fa/fa) Zucker rats. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1135, 221-225.	4.1	5
59	Visualizing G Protein-coupled Receptors in Action through Confocal Microscopy Techniques. Archives of Medical Research, 2014, 45, 283-293.	3.5	5
60	Agonists and protein kinase C-activation induce phosphorylation and internalization of FFA1 receptors. European Journal of Pharmacology, 2015, 768, 108-115.	3.6	5
61	A549 cells as a model to study endogenous LPA 1 receptor signaling and regulation. European Journal of Pharmacology, 2017, 815, 258-265.	3.6	5
62	Receptor tyrosine kinase activation induces free fatty acid 4 receptor phosphorylation, Î²-arrestin interaction, and internalization. European Journal of Pharmacology, 2019, 855, 267-275.	3.6	5
63	Effect of docosahexaenoic acid, phorbol myristate acetate, and insulin on the interaction of the FFA4 (short isoform) receptor with Rab proteins. European Journal of Pharmacology, 2020, 889, 173595.	3.6	5
64	Glycogen Synthase Kinase-3 modulates Î±1A-adrenergic receptor action and regulation. European Journal of Cell Biology, 2020, 99, 151072.	3.7	5
65	Pertussis toxin potentiates anesthesia-induced renin secretion. European Journal of Pharmacology, 1985, 112, 115-117.	3.6	4
66	Hepatocyte homologous Î²2-adrenergic desensitization is associated with a decrease in number of plasma membrane Î²2-adrenoceptors. European Journal of Pharmacology, 1993, 244, 145-151.	2.3	4
67	The phosphoinositide-dependent protein kinase 1 inhibitor, UCN-01, induces fragmentation: Possible role of metalloproteinases. European Journal of Pharmacology, 2014, 740, 88-96.	3.6	4
68	Carboxyl terminus-truncated Î±1D-adrenoceptors inhibit the ERK pathway. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 911-920.	3.1	4
69	Roles of the G protein-coupled receptor kinase 2 and Rab5 in Î±1B-adrenergic receptor function and internalization. European Journal of Pharmacology, 2020, 867, 172846.	3.6	4
70	Cell Trafficking and Function of G Protein-coupled Receptors. Archives of Medical Research, 2022, 53, 451-460.	3.5	4
71	Effect of phorbol esters on the hormonal responsiveness of isolated white fat cells. European Journal of Pharmacology, 1988, 146, 193-199.	3.6	3
72	Activation of bradykinin B2 receptors increases calcium entry and intracellular mobilization in C9 liver cells. IUBMB Life, 1999, 47, 927-933.	3.6	3

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73	Effects of agonists and phorbol esters on Î±1A-adrenergic receptor-Rab protein interactions. European Journal of Pharmacology, 2020, 885, 173423.	3.6	3
74	Peroxovanadate induces $alpha;1B-adrenoceptor phosphorylation and association with protein kinase C. European Journal of Pharmacology, 2004, 485, 61-67.	3.6	2
75	Roles of phosphoinositide-dependent kinase-1 in Î±1B-adrenoceptor phosphorylation and desensitization. European Journal of Pharmacology, 2012, 674, 179-187.	3.6	2
76	Mutation of putative phosphorylation sites in the free fatty acid receptor 1: Effects on signaling, receptor phosphorylation, and internalization. Molecular and Cellular Endocrinology, 2022, 545, 111573.	3.3	2
77	Editorial: Signal transduction in Mexico. Signal Transduction, 2007, 7, 349-350.	0.5	1
78	Effect of inhibitors of mitogenâ€activated protein kinase kinase on Î±_{1B}â€adrenoceptor phosphorylation. Autonomic and Autacoid Pharmacology, 2009, 29, 13-23.	0.5	1
79	El Premio Nobel de QuÃmica 2012: Lefkowitz y Kobilka. Educacion Quimica, 2013, 24, 79-81.	0.1	1
80	Phosphorylation and internalization of short splicing variant of the omega 3 fatty acid sensor, GPR120. FASEB Journal, 2013, 27, 1173.5.	0.5	1
81	EFFECT OF PERTUSSIS TOXIN ON THE HORMONAL RESPONSIVENESS OF DIFFERENT TISSUES. , 1985, , 205-223.		1
82	Lysophosphatidic acid receptor LPA1 trafficking and interaction with Rab proteins, as evidenced by FÃ¶rster resonance energy transfer. Molecular and Cellular Endocrinology, 2023, 570, 111930.	3.3	1
83	Roles of the Î±1B-Adrenergic Receptor Phosphorylation Domains in Signaling and Internalization. International Journal of Molecular Sciences, 2023, 24, 16963.	4.2	1
84	Transmodulation, receptor phosphorylation and protein kinases. Trends in Pharmacological Sciences, 1985, 6, 191-192.	8.6	0
85	Homologous and heterologous Î²-adrenergic desensitization in hepatocytes. Additivity and effect of pertussis toxin. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 972, 311-319.	1.6	0
86	A Latin American Perspective on G Proteinâ€“Coupled Receptors. Molecular Pharmacology, 2016, 90, 570-572.	2.3	0
87	El receptor S1P1 de la esfingosina1-fosfato: avances en el conocimiento de su estructura, funciÃ³n e importancia biomÃ©dica. TIP Revista Especializada En Ciencias QuÃmico-BiolÃ³gicas, 0, 24, .	0.3	0
88	Complex interactions of sibutramine with Î± 1D â€adrenoceptors. FASEB Journal, 2008, 22, 726.1.	0.5	0
89	S1P 1 Receptor Regulation by Phosphorylation. FASEB Journal, 2013, 27, 1040.2.	0.5	0
90	LPA3 Receptor Phosphorylation Sites: Roles in Signaling and Internalization. International Journal of Molecular Sciences, 2024, 25, 5508.	4.2	0

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91	Lysophosphatidic Acid Receptor 3 (LPA3): Signaling and Phosphorylation Sites. International Journal of Molecular Sciences, 2024, 25, 6491.	4.2	0