

# J Adolfo Garc a-s nchez

## 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	LPA3 Receptor Phosphorylation Sites: Roles in Signaling and Internalization. <i>International Journal of Molecular Sciences</i> , 2024, 25, 5508.	4.2	0
2	Lysophosphatidic Acid Receptor 3 (LPA3): Signaling and Phosphorylation Sites. <i>International Journal of Molecular Sciences</i> , 2024, 25, 6491.	4.2	0
3	Lysophosphatidic acid receptor LPA1 trafficking and interaction with Rab proteins, as evidenced by FRET resonance energy transfer. <i>Molecular and Cellular Endocrinology</i> , 2023, 570, 111930.	3.3	1
4	Roles of the $\beta$ 1B-Adrenergic Receptor Phosphorylation Domains in Signaling and Internalization. <i>International Journal of Molecular Sciences</i> , 2023, 24, 16963.	4.2	1
5	Mutation of putative phosphorylation sites in the free fatty acid receptor 1: Effects on signaling, receptor phosphorylation, and internalization. <i>Molecular and Cellular Endocrinology</i> , 2022, 545, 111573.	3.3	2
6	Roles of Receptor Phosphorylation and Rab Proteins in G Protein-Coupled Receptor Function and Trafficking. <i>Molecular Pharmacology</i> , 2022, 101, 144-153.	2.3	10
7	Cell Trafficking and Function of G Protein-coupled Receptors. <i>Archives of Medical Research</i> , 2022, 53, 451-460.	3.5	4
8	The LPA3 Receptor: Regulation and Activation of Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6704.	4.2	8
9	Roles of the G protein-coupled receptor kinase 2 and Rab5 in $\beta$ 1B-adrenergic receptor function and internalization. <i>European Journal of Pharmacology</i> , 2020, 867, 172846.	3.6	4
10	Effect of docosahexaenoic acid, phorbol myristate acetate, and insulin on the interaction of the FFA4 (short isoform) receptor with Rab proteins. <i>European Journal of Pharmacology</i> , 2020, 889, 173595.	3.6	5
11	Effects of agonists and phorbol esters on $\beta$ 1A-adrenergic receptor-Rab protein interactions. <i>European Journal of Pharmacology</i> , 2020, 885, 173423.	3.6	3
12	Glycogen Synthase Kinase-3 modulates $\beta$ 1A-adrenergic receptor action and regulation. <i>European Journal of Cell Biology</i> , 2020, 99, 151072.	3.7	5
13	Canonical and non-canonical Wnt signaling are simultaneously activated by Wnts in colon cancer cells. <i>Cellular Signalling</i> , 2020, 72, 109636.	3.7	60
14	Sites phosphorylated in human $\beta$ 1B-adrenoceptors in response to noradrenaline and phorbol myristate acetate. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1509-1519.	4.1	10
15	Receptor tyrosine kinase activation induces free fatty acid 4 receptor phosphorylation, $\beta$ 2-arrestin interaction, and internalization. <i>European Journal of Pharmacology</i> , 2019, 855, 267-275.	3.6	5
16	The $\beta$ 1-adrenoceptor-mediated human hyperplastic prostate cells proliferation is impaired by EGF receptor inhibition. <i>Life Sciences</i> , 2019, 239, 117048.	4.4	6
17	Distinct phosphorylation sites/clusters in the carboxyl terminus regulate $\beta$ 1D-adrenergic receptor subcellular localization and signaling. <i>Cellular Signalling</i> , 2019, 53, 374-389.	3.7	11
18	Different phosphorylation patterns regulate $\beta$ 1D-adrenoceptor signaling and desensitization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 842-854.	4.1	16

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19	S1P1 receptor phosphorylation, internalization, and interaction with Rab proteins: effects of sphingosine 1-phosphate, FTY720-P, phorbol esters, and paroxetine. <i>Bioscience Reports</i> , 2018, 38, .	2.7	17
20	Protein Kinase C Activation Promotes $\hat{1}B$ -Adrenoceptor Internalization and Late Endosome Trafficking through Rab9 Interaction. Role in Heterologous Desensitization. <i>Molecular Pharmacology</i> , 2017, 91, 296-306.	2.3	14
21	Cardiac hyporesponsiveness in severe sepsis is associated with nitric oxide-dependent activation of G protein receptor kinase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H149-H163.	3.4	22
22	A549 cells as a model to study endogenous LPA 1 receptor signaling and regulation. <i>European Journal of Pharmacology</i> , 2017, 815, 258-265.	3.6	5
23	Noradrenaline, oxymetazoline and phorbol myristate acetate induce distinct functional actions and phosphorylation patterns of $\hat{1}A$ -adrenergic receptors. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2378-2388.	4.1	16
24	Novel Structural Approaches to Study GPCR Regulation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 27.	4.2	21
25	A Latin American Perspective on G Protein-Coupled Receptors. <i>Molecular Pharmacology</i> , 2016, 90, 570-572.	2.3	0
26	Carboxyl terminus-truncated $\hat{1}D$ -adrenoceptors inhibit the ERK pathway. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 911-920.	3.1	4
27	New Multi-target Antagonists of $\hat{1}A$ -, $\hat{1}D$ -Adrenoceptors and 5-HT <sub>1A</sub> Receptors Reduce Human Hyperplastic Prostate Cell Growth and the Increase of Intraurethral Pressure. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 356, 212-222.	2.4	15
28	Agonists and protein kinase C-activation induce phosphorylation and internalization of FFA1 receptors. <i>European Journal of Pharmacology</i> , 2015, 768, 108-115.	3.6	5
29	$\hat{1}B$ -Adrenergic Receptors Differentially Associate with Rab Proteins during Homologous and Heterologous Desensitization. <i>PLoS ONE</i> , 2015, 10, e0121165.	2.5	24
30	Visualizing G Protein-coupled Receptors in Action through Confocal Microscopy Techniques. <i>Archives of Medical Research</i> , 2014, 45, 283-293.	3.5	5
31	Isoforms of protein kinase C involved in phorbol ester-induced sphingosine 1-phosphate receptor 1 phosphorylation and desensitization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 327-334.	4.1	11
32	The phosphoinositide-dependent protein kinase 1 inhibitor, UCN-01, induces fragmentation: Possible role of metalloproteinases. <i>European Journal of Pharmacology</i> , 2014, 740, 88-96.	3.6	4
33	Free fatty acids and protein kinase C activation induce GPR120 (free fatty acid receptor 4) phosphorylation. <i>European Journal of Pharmacology</i> , 2014, 723, 368-374.	3.6	27
34	Conventional protein kinase C isoforms mediate phorbol ester-induced lysophosphatidic acid LPA1 receptor phosphorylation. <i>European Journal of Pharmacology</i> , 2014, 723, 124-130.	3.6	13
35	Differential Phosphorylation, Desensitization, and Internalization of $\hat{1}A$ -Adrenoceptors Activated by Norepinephrine and Oxymetazoline. <i>Molecular Pharmacology</i> , 2013, 83, 870-881.	2.3	49
36	El Premio Nobel de Química 2012: Lefkowitz y Kobilka. <i>Educacion Quimica</i> , 2013, 24, 79-81.	0.1	1

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37	S1P 1 Receptor Regulation by Phosphorylation. <i>FASEB Journal</i> , 2013, 27, 1040.2.	0.5	0
38	Phosphorylation and internalization of short splicing variant of the omega 3 fatty acid sensor, GPR120. <i>FASEB Journal</i> , 2013, 27, 1173.5.	0.5	1
39	Roles of phosphoinositide-dependent kinase-1 in $\beta$ 1B-adrenoceptor phosphorylation and desensitization. <i>European Journal of Pharmacology</i> , 2012, 674, 179-187.	3.6	2
40	Sphingosine 1-phosphate-mediated $\beta$ 1B-adrenoceptor desensitization and phosphorylation. Direct and paracrine/autocrine actions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 245-254.	4.1	7
41	EGF and angiotensin II modulate lysophosphatidic acid LPA1 receptor function and phosphorylation state. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 1170-1177.	2.5	17
42	Mechanisms involved in $\beta$ 1B-adrenoceptor desensitization. <i>IUBMB Life</i> , 2011, 63, 811-815.	3.6	16
43	Roles of the $\beta$ 1A-adrenergic receptor carboxyl tail in protein kinase C-induced phosphorylation and desensitization. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010, 382, 499-510.	3.1	11
44	Dissecting how receptor tyrosine kinases modulate G protein-coupled receptor function. <i>European Journal of Pharmacology</i> , 2010, 648, 1-5.	3.6	20
45	$\beta$ 1D-Adrenergic Receptors. <i>Methods in Enzymology</i> , 2010, 484, 109-125.	1.7	11
46	Signaling properties of human $\beta$ 1D-adrenoceptors lacking the carboxyl terminus: intrinsic activity, agonist-mediated activation, and desensitization. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 380, 99-107.	3.1	8
47	Effect of inhibitors of mitogen-activated protein kinase kinase on $\beta$ 1B-adrenoceptor phosphorylation. <i>Autonomic and Autacoid Pharmacology</i> , 2009, 29, 13-23.	0.5	1
48	Receptor tyrosine kinases regulate $\beta$ 1D-adrenoceptor signaling properties: Phosphorylation and desensitization. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1276-1283.	2.9	11
49	Regulation of LPA receptor function by estrogens. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 253-262.	4.1	17
50	Phosphorylation, desensitization and internalization of human $\beta$ 1B-adrenoceptors induced by insulin-like growth factor-I. <i>European Journal of Pharmacology</i> , 2008, 578, 1-10.	3.6	12
51	Complex interactions of sibutramine with $\beta$ 1D-adrenoceptors. <i>FASEB Journal</i> , 2008, 22, 726.1.	0.5	0
52	Lysophosphatidic acid LPA <sub>1</sub> receptor close-up. <i>Signal Transduction</i> , 2007, 7, 351-363.	0.5	7
53	Editorial: Signal transduction in Mexico. <i>Signal Transduction</i> , 2007, 7, 349-350.	0.5	1
54	$\beta$ 1-Adrenoceptors in proximal segments of tail arteries from control and reserpinised rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 376, 117-126.	3.1	8

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55	Role of epidermal growth factor receptor transactivation in $\alpha_1B$ -adrenoceptor phosphorylation. <i>European Journal of Pharmacology</i> , 2006, 542, 31-36.	3.6	20
56	Insulin-Like Growth Factor-I Induces $\alpha_1B$ -Adrenergic Receptor Phosphorylation through $G_{i2/3}$ and Epidermal Growth Factor Receptor Transactivation. <i>Molecular Endocrinology</i> , 2006, 20, 2773-2783.	3.4	17
57	Estrogens Cross-Talk to $\alpha_1b$ -Adrenergic Receptors. <i>Molecular Pharmacology</i> , 2006, 70, 154-162.	2.3	19
58	Phosphorylation and desensitization of the lysophosphatidic acid receptor LPA1. <i>Biochemical Journal</i> , 2005, 385, 677-684.	3.8	45
59	Okadaic acid increases the phosphorylation state of $\alpha_1A$ -adrenoceptors and induces receptor desensitization. <i>European Journal of Pharmacology</i> , 2005, 525, 18-23.	3.6	7
60	Agonist-Induced Interactions between Angiotensin AT1 and Epidermal Growth Factor Receptors. <i>Molecular Pharmacology</i> , 2005, 68, 356-364.	2.3	72
61	Peroxovanadate induces $\alpha_1B$ -adrenoceptor phosphorylation and association with protein kinase C. <i>European Journal of Pharmacology</i> , 2004, 485, 61-67.	3.6	2
62	The elusive $\alpha_1D$ -adrenoceptor: molecular and cellular characteristics and integrative roles. <i>European Journal of Pharmacology</i> , 2004, 500, 113-120.	3.6	37
63	Human $\alpha_1D$ -adrenoceptor phosphorylation and desensitization. <i>Biochemical Pharmacology</i> , 2004, 67, 1853-1858.	4.6	22
64	Insulin induces $\alpha_1B$ -adrenergic receptor phosphorylation and desensitization. <i>Life Sciences</i> , 2004, 75, 1937-1947.	4.4	15
65	G protein-coupled receptor cross-talk: pivotal roles of protein phosphorylation and protein-protein interactions. <i>Cellular Signalling</i> , 2003, 15, 549-557.	3.7	82
66	$\alpha_1B$ -Adrenergic receptor phosphorylation and desensitization induced by transforming growth factor- $\beta_2$ . <i>Biochemical Journal</i> , 2002, 368, 581-587.	3.8	13
67	Activation of bradykinin B2 receptors increases calcium entry and intracellular mobilization in C9 liver cells. <i>IUBMB Life</i> , 1999, 47, 927-933.	3.6	3
68	$\alpha_1$ -Adrenoceptor subtype selectivity of tamsulosin: Studies using livers from different species. <i>European Journal of Pharmacology</i> , 1995, 289, 1-7.	2.3	23
69	Protein kinases and phosphatases modulate c-fos expression in rat hepatocytes. effects of angiotensin II and phorbol myristate acetate. <i>Life Sciences</i> , 1995, 56, 723-728.	4.4	12
70	$\alpha_1$ -adrenergic action: Receptor subtypes, signal transduction and regulation. <i>Cellular Signalling</i> , 1993, 5, 539-547.	3.7	41
71	Hepatocyte homologous $\alpha_2$ -adrenergic desensitization is associated with a decrease in number of plasma membrane $\alpha_2$ -adrenoceptors. <i>European Journal of Pharmacology</i> , 1993, 244, 145-151.	2.3	4
72	Angiotensin II and active phorbol esters induce proto-oncogene expression in isolated rat hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1136, 309-314.	4.1	25

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73	Modulation by protein kinase C of the hormonal responsiveness of hepatocytes from lean (Fa/fa?) and obese (fa/fa) Zucker rats. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1135, 221-225.	4.1	5
74	Differences in phorbol ester-induced decrease of the activity of protein kinase C isozymes in rat hepatocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991, 1094, 77-84.	4.1	26
75	$\hat{1}\pm 1$ -Adrenoceptor subtypes in aorta ( $\hat{1}\pm 1A$ ) and liver ( $\hat{1}\pm 1B$ ). <i>European Journal of Pharmacology</i> , 1991, 206, 199-202.	2.3	19
76	Effect of phorbol esters on the hormonal responsiveness of isolated white fat cells. <i>European Journal of Pharmacology</i> , 1988, 146, 193-199.	3.6	3
77	Homologous and heterologous $\hat{1}^2$ -adrenergic desensitization in hepatocytes. Additivity and effect of pertussis toxin. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1988, 972, 311-319.	4.1	9
78	Homologous and heterologous $\hat{1}^2$ -adrenergic desensitization in hepatocytes. Additivity and effect of pertussis toxin. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1988, 972, 311-319.	1.6	0
79	Transmodulation, receptor phosphorylation and protein kinases. <i>Trends in Pharmacological Sciences</i> , 1985, 6, 191-192.	8.6	0
80	Pertussis toxin potentiates anesthesia-induced renin secretion. <i>European Journal of Pharmacology</i> , 1985, 112, 115-117.	3.6	4
81	EFFECT OF PERTUSSIS TOXIN ON THE HORMONAL RESPONSIVENESS OF DIFFERENT TISSUES. , 1985, , 205-223.		1
82	Phorbol esters inhibit alpha1 adrenergic stimulation of glycogenolysis in isolated rat hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 1984, 119, 1128-1133.	2.2	115
83	Effects of adenosine on liver cell damage induced by carbon tetrachloride. <i>Biochemical Pharmacology</i> , 1984, 33, 2599-2604.	4.6	37
84	Effect of pertussis toxin on the hormonal regulation of cyclic AMP levels in hamster fat cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1983, 760, 215-220.	2.5	29
85	H1-histaminergic activation stimulates phosphatidylinositol labeling in rabbit aorta. <i>European Journal of Pharmacology</i> , 1983, 90, 457-459.	3.6	19
86	Regulation of adipose tissue metabolism by catecholamines: roles of alpha1, alpha2 and beta-adrenoceptors. <i>Trends in Pharmacological Sciences</i> , 1982, 3, 201-203.	8.6	24
87	Vasopressin and angiotensin II stimulate ureogenesis through increased mitochondrial citrulline production.. <i>Life Sciences</i> , 1982, 31, 2493-2498.	4.4	33
88	Stimulation of ureogenesis through $\hat{1}\pm 1$ - and $\hat{1}^2$ -adrenoceptors in juvenile rat hepatocytes. <i>European Journal of Pharmacology</i> , 1982, 82, 89-91.	3.6	6
89	Effect of insulin, catecholamines and calcium ions on phospholipid metabolism in isolated white fat-cells. <i>Biochemical Journal</i> , 1980, 186, 781-789.	3.8	109
90	Role of alpha1 adrenoceptors in the turnover of phosphatidylinositol and of alpha2 adrenoceptors in the regulation of cyclic AMP accumulation in hamster adipocytes. <i>Life Sciences</i> , 1980, 27, 953-961.	4.4	86

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91	El receptor S1P1 de la esfingosina1-fosfato: avances en el conocimiento de su estructura, función e importancia biomédica. TIP Revista Especializada En Ciencias Químico-Biológicas, 0, 24, .	0.3	0