

# Maria C Olinas

## List of Publications by Year in descending order

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46  
papers

899  
citations

430874

18  
h-index

526287

27  
g-index

46  
all docs

46  
docs citations

46  
times ranked

960  
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#	ARTICLE	IF	CITATIONS
1	Rat striatal muscarinic receptors coupled to the inhibition of adenylyl cyclase activity: potent block by the selective m <sub>4</sub> ligand muscarinic toxin 3 (MT3). <i>British Journal of Pharmacology</i> , 1996, 118, 283-288.	5.4	63
2	Interferon- $\gamma$ induces apoptosis in human SH-SY5Y neuroblastoma cells through activation of JAK-STAT signaling and down-regulation of PI3K/Akt pathway. <i>Journal of Neurochemistry</i> , 2010, 115, 1421-1433.	3.9	63
3	Mixed Agonist-Antagonist Properties of Clozapine at Different Human Cloned Muscarinic Receptor Subtypes Expressed in Chinese Hamster Ovary Cells. <i>Neuropsychopharmacology</i> , 1999, 20, 263-270.	5.4	57
4	Inhibition of acetylcholine muscarinic M1 receptor function by the M1 -selective ligand muscarinic toxin 7 (MT-7). <i>British Journal of Pharmacology</i> , 2000, 131, 447-452.	5.4	44
5	Effects of clozapine on rat striatal muscarinic receptors coupled to inhibition of adenylyl cyclase activity and on the human cloned m4 receptor. <i>British Journal of Pharmacology</i> , 1997, 122, 401-408.	5.4	41
6	Phorbol Esters Increase GTP-Dependent Adenylate Cyclase Activity in Rat Brain Striatal Membranes. <i>Journal of Neurochemistry</i> , 1986, 47, 890-897.	3.9	38
7	GABA <sub>B</sub> receptor-mediated stimulation of adenylyl cyclase activity in membranes of rat olfactory bulb. <i>British Journal of Pharmacology</i> , 1999, 126, 657-664.	5.4	31
8	Type I interferons impair BDNF-induced cell signaling and neurotrophic activity in differentiated human SH-SY5Y neuroblastoma cells and mouse primary cortical neurons. <i>Journal of Neurochemistry</i> , 2012, 122, 58-71.	3.9	30
9	Pertussis Toxin Attenuates D <sub>2</sub> Inhibition and Enhances D <sub>1</sub> Stimulation of Adenylate Cyclase by Dopamine in Rat Striatum. <i>Journal of Neurochemistry</i> , 1987, 48, 1443-1447.	3.9	27
10	Agonist activity of N-desmethylclozapine at $\mu$ -opioid receptors of human frontal cortex. <i>European Journal of Pharmacology</i> , 2009, 607, 96-101.	3.5	27
11	$\mu$ -Opioid receptors stimulate GLUT1-mediated glucose uptake through Src and IGF1 receptor-dependent activation of PI3-kinase signalling in CHO cells. <i>British Journal of Pharmacology</i> , 2011, 163, 624-637.	5.4	26
12	Antidepressants activate the lysophosphatidic acid receptor LPA 1 to induce insulin-like growth factor-1 receptor transactivation, stimulation of ERK1/2 signaling and cell proliferation in CHO-K1 fibroblasts. <i>Biochemical Pharmacology</i> , 2015, 95, 311-323.	4.4	26
13	The atypical antidepressant mianserin exhibits agonist activity at $\mu$ -opioid receptors. <i>British Journal of Pharmacology</i> , 2012, 167, 1329-1341.	5.4	22
14	LPA <sub>1</sub> Mediates Antidepressant-Induced ERK1/2 Signaling and Protection from Oxidative Stress in Glial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 359, 340-353.	2.5	22
15	Activation of Opioid and Muscarinic Receptors Stimulates Basal Adenylyl Cyclase but Inhibits Ca <sup>2+</sup> /Calmodulin- and Forskolin-Stimulated Enzyme Activities in Rat Olfactory Bulb. <i>Journal of Neurochemistry</i> , 2002, 63, 161-168.	3.9	21
16	Stimulation of Guanosine 5'-O-(3-[ <sup>35</sup> S]Thiotriphosphate) Binding by Cholinergic Muscarinic Receptors in Membranes of Rat Olfactory Bulb. <i>Journal of Neurochemistry</i> , 2002, 67, 2549-2556.	3.9	20
17	Regulation of PI3K/Akt signaling by N-desmethylclozapine through activation of $\mu$ -opioid receptor. <i>European Journal of Pharmacology</i> , 2011, 660, 341-350.	3.5	20
18	Action of the muscarinic toxin MT7 on agonist-bound muscarinic M1 receptors.. <i>European Journal of Pharmacology</i> , 2004, 487, 65-72.	3.5	19

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19	Agonist activity of naloxone benzoylhydrazone at recombinant and native opioid receptors. <i>British Journal of Pharmacology</i> , 2006, 147, 360-370.	5.4	19
20	Downregulation of TrkB Expression and Signaling by Valproic Acid and Other Histone Deacetylase Inhibitors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 490-503.	2.5	19
21	Synergistic Interaction of Muscarinic and Opioid Receptors with Gs-Linked Neurotransmitter Receptors to Stimulate Adenylyl Cyclase Activity of Rat Olfactory Bulb. <i>Journal of Neurochemistry</i> , 1993, 61, 2183-2190.	3.9	18
22	Allosteric modulation of GABAB receptor function in human frontal cortex. <i>Neurochemistry International</i> , 2005, 46, 149-158.	3.8	17
23	Î-Opioid Receptors Stimulate the Metabolic Sensor AMP-Activated Protein Kinase through Coincident Signaling with G <sub>q/11</sub> -Coupled Receptors. <i>Molecular Pharmacology</i> , 2012, 81, 154-165.	2.3	17
24	Involvement of store-operated Ca <sup>2+</sup> entry in activation of AMP-activated protein kinase and stimulation of glucose uptake by M3 muscarinic acetylcholine receptors in human neuroblastoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 3004-3017.	4.1	17
25	Signaling pathways mediating phosphorylation and inactivation of glycogen synthase kinase-3 <sup>Î</sup> by the recombinant human Î-opioid receptor stably expressed in Chinese hamster ovary cells. <i>Neuropharmacology</i> , 2011, 60, 1326-1336.	4.1	15
26	Inhibition of TNF-Î-induced neuronal apoptosis by antidepressants acting through the lysophosphatidic acid receptor LPA1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 478-498.	4.9	15
27	Antagonism of striatal muscarinic receptors inhibiting dopamine D <sub>1</sub> receptor-stimulated adenylyl cyclase activity by cholinergic antagonists used to treat Parkinson's disease. <i>British Journal of Pharmacology</i> , 1996, 118, 827-828.	5.4	14
28	Type I interferons up-regulate the expression and signalling of p75 NTR/TrkA receptor complex in differentiated human SH-SY5Y neuroblastoma cells. <i>Neuropharmacology</i> , 2014, 79, 321-334.	4.1	14
29	LPA <sub>1</sub> is a key mediator of intracellular signalling and neuroprotection triggered by tetracyclic antidepressants in hippocampal neurons. <i>Journal of Neurochemistry</i> , 2017, 143, 183-197.	3.9	14
30	Valproic acid upregulates the expression of the p75NTR/sortilin receptor complex to induce neuronal apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 697-714.	4.9	11
31	Antidepressants induce profibrotic responses via the lysophosphatidic acid receptor LPA1. <i>European Journal of Pharmacology</i> , 2020, 873, 172963.	3.5	11
32	Stimulation of cyclic AMP formation and nerve electrical activity by octopamine in the terminal abdominal ganglion of the female gypsy moth <i>Lymantria dispar</i> . <i>Brain Research</i> , 2006, 1071, 63-74.	2.2	10
33	Interferon-Î <sub>2</sub> counter-regulates its own pro-apoptotic action by activating p38 MAPK signalling in human SH-SY5Y neuroblastoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 1509-1526.	4.9	10
34	Protection from interferon-Î <sub>2</sub> -induced neuronal apoptosis through stimulation of muscarinic acetylcholine receptors coupled to ERK1/2 activation. <i>British Journal of Pharmacology</i> , 2016, 173, 2910-2928.	5.4	10
35	Antagonism by (R)- and (S)-trihexyphenidyl of muscarinic stimulation of adenylyl cyclase in rat olfactory bulb and inhibition in striatum and heart. <i>British Journal of Pharmacology</i> , 1994, 113, 775-780.	5.4	9
36	Pharmacological properties of nociceptin/orphanin FQ-induced stimulation and inhibition of cyclic AMP formation in distinct layers of rat olfactory bulb. <i>British Journal of Pharmacology</i> , 2002, 135, 233-238.	5.4	9

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37	Interferon- $\hat{I}^2$ Inhibits Neurotrophin 3 Signalling and Pro-Survival Activity by Upregulating the Expression of Truncated TrkC-T1 Receptor. <i>Molecular Neurobiology</i> , 2017, 54, 1825-1843.	4.0	9
38	Cannabinoid CB1 and CB2 receptors differentially regulate TNF- $\hat{I}^{\pm}$ -induced apoptosis and LPA1-mediated pro-survival signaling in HT22 hippocampal cells. <i>Life Sciences</i> , 2021, 276, 119407.	4.3	9
39	Involvement of $\hat{I}^2\hat{I}^3$ Subunits of Gq/11 in Muscarinic M1 Receptor Potentiation of Corticotropin-Releasing Hormone-Stimulated Adenylyl Cyclase Activity in Rat Frontal Cortex. <i>Journal of Neurochemistry</i> , 2001, 75, 233-239.	3.9	8
40	The GABAB positive allosteric modulators CGP7930 and GS39783 stimulate ERK1/2 signalling in cells lacking functional GABAB receptors. <i>European Journal of Pharmacology</i> , 2017, 794, 135-146.	3.5	8
41	Coincidence Signaling of Dopamine D<sub>1</sub>-Like and M<sub>1</sub> Muscarinic Receptors in the Regulation of Cyclic AMP Formation and CREB Phosphorylation in Mouse Prefrontal Cortex. <i>NeuroSignals</i> , 2013, 21, 61-74.	0.9	6
42	Sodium ions and GTP decrease the potency of [Nphe1]N/OFQ(1-13)NH <sub>2</sub> in blocking nociceptin/orphanin FQ receptors coupled to cyclic AMP in N1E-115 neuroblastoma cells and rat olfactory bulb. <i>Life Sciences</i> , 2003, 72, 2905-2914.	4.3	4
43	Muscarinic Acetylcholine Receptors Potentiate 5-Adenosine Monophosphate-Activated Protein Kinase Stimulation and Glucose Uptake Triggered by Thapsigargin-Induced Store-Operated Ca <sup>2+</sup> Entry in Human Neuroblastoma Cells. <i>Neurochemical Research</i> , 2018, 43, 245-258.	3.3	4
44	The Neurotrophin Receptor TrkC as a Novel Molecular Target of the Antineuroblastoma Action of Valproic Acid. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7790.	4.1	4
45	Upregulation of p75NTR by Histone Deacetylase Inhibitors Sensitizes Human Neuroblastoma Cells to Targeted Immunotoxin-Induced Apoptosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3849.	4.1	1
46	Valproic acid up-regulates p75NTR and sortilin expression to induce neuronal cell death. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-1-77.	0.0	0