

Maria Grazia Cattaneo

List of Publications by Year in descending order

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44
papers

1,374
citations

304743

22
h-index

345221

36
g-index

47
all docs

47
docs citations

47
times ranked

2272
citing authors

#	ARTICLE	IF	CITATIONS
1	Cannabidiol inhibits angiogenesis by multiple mechanisms. <i>British Journal of Pharmacology</i> , 2012, 167, 1218-1231.	5.4	118
2	Human umbilical endothelial cells (HUVECs) have a sex: characterisation of the phenotype of male and female cells. <i>Biology of Sex Differences</i> , 2014, 5, 18.	4.1	91
3	Serotonin release and cell proliferation are under the control of α_7 -bungarotoxin-sensitive nicotinic receptors in small-cell lung carcinoma cell lines. <i>FEBS Letters</i> , 1994, 342, 286-290.	2.8	77
4	Sex-specific eNOS activity and function in human endothelial cells. <i>Scientific Reports</i> , 2017, 7, 9612.	3.3	67
5	Oxytocin stimulates migration and invasion in human endothelial cells. <i>British Journal of Pharmacology</i> , 2008, 153, 728-736.	5.4	64
6	Mechanisms of mitogen-activated protein kinase activation by nicotine in small-cell lung carcinoma cells. <i>Biochemical Journal</i> , 1997, 328, 499-503.	3.7	62
7	Very Low Density Lipoprotein-Mediated Signal Transduction and Plasminogen Activator Inhibitor Type 1 in Cultured HepG2 Cells. <i>Circulation Research</i> , 1999, 85, 208-217.	4.5	58
8	Human endostatin-derived synthetic peptides possess potent antiangiogenic properties in vitro and in vivo. <i>Experimental Cell Research</i> , 2003, 283, 230-236.	2.6	53
9	Anti-migratory and Anti-invasive Effect of Somatostatin in Human Neuroblastoma Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 40601-40606.	3.4	51
10	A somatostatin analogue inhibits MAP kinase activation and cell proliferation in human neuroblastoma and in human small cell lung carcinoma cell lines. <i>FEBS Letters</i> , 1996, 397, 164-168.	2.8	50
11	Selective stimulation of somatostatin receptor subtypes: differential effects on Ras/MAP kinase pathway and cell proliferation in human neuroblastoma cells. <i>FEBS Letters</i> , 2000, 481, 271-276.	2.8	50
12	Oxytocin stimulates in vitro angiogenesis via a Pyk-2/Src-dependent mechanism. <i>Experimental Cell Research</i> , 2009, 315, 3210-3219.	2.6	47
13	Mitogenic effect of serotonin in human small cell lung carcinoma cells via both 5-HT1A and 5-HT1D receptors. <i>European Journal of Pharmacology</i> , 1995, 291, 209-211.	2.6	40
14	Multicellular 3D Models to Study Tumour-Stroma Interactions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1633.	4.1	34
15	Differential mechanisms of inositol phosphate generation at the receptors for bombesin and platelet-derived growth factor. <i>Biochemical Journal</i> , 1989, 262, 665-668.	3.7	33
16	α_7 -Conotoxin imperialis I inhibits nicotine-evoked hormone release and cell proliferation in human neuroendocrine carcinoma cells. <i>Neuroscience Letters</i> , 1996, 206, 53-56.	2.1	33
17	Studies on the Structure-Activity Relationship of Endostatin: Synthesis of Human Endostatin Peptides Exhibiting Potent Antiangiogenic Activities. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 4165-4172.	6.4	32
18	Inhibition of Chloride Intracellular Channel 1 (CLIC1) as Biguanide Class-Effect to Impair Human Glioblastoma Stem Cell Viability. <i>Frontiers in Pharmacology</i> , 2018, 9, 899.	3.5	30

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19	Autophagy in the Regulation of Tissue Differentiation and Homeostasis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 602901.	3.7	29
20	5-HT1D receptor type is involved in stimulation of cell proliferation by serotonin in human small cell lung carcinoma. <i>European Journal of Pharmacology</i> , 1994, 268, 425-430.	2.6	28
21	Complete neural stem cell (NSC) neuronal differentiation requires a branched chain amino acids-induced persistent metabolic shift towards energy metabolism. <i>Pharmacological Research</i> , 2020, 158, 104863.	7.1	27
22	Expression studies in gliomas and glial cells do not support a tumor suppressor role for LGI11. <i>Neuro-Oncology</i> , 2006, 8, 96-108.	1.2	23
23	Deregulated human glioma cell motility: Inhibitory effect of somatostatin. <i>Molecular and Cellular Endocrinology</i> , 2006, 256, 34-39.	3.2	22
24	Chronic Deficiency of Nitric Oxide Affects Hypoxia Inducible Factor-1 \pm (HIF-1 \pm) Stability and Migration in Human Endothelial Cells. <i>PLoS ONE</i> , 2011, 6, e29680.	2.5	21
25	Silencing of Eps8 blocks migration and invasion in human glioblastoma cell lines. <i>Experimental Cell Research</i> , 2012, 318, 1901-1912.	2.6	21
26	Sex-dependent differences in the secretome of human endothelial cells. <i>Biology of Sex Differences</i> , 2021, 12, 7.	4.1	21
27	Alprostadil suppresses angiogenesis in vitro and in vivo in the murine Matrigel plug assay. <i>British Journal of Pharmacology</i> , 2003, 138, 377-385.	5.4	20
28	Basal nitric oxide release attenuates cell migration of HeLa and endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 744-749.	2.1	20
29	Metabolism of Stem and Progenitor Cells: Proper Methods to Answer Specific Questions. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 151.	2.9	20
30	Somatostatin inhibits PDGF-stimulated Ras activation in human neuroblastoma cells. <i>FEBS Letters</i> , 1999, 459, 64-68.	2.8	19
31	Cross-talk between sphingosine-1-phosphate and EGFR signaling pathways enhances human glioblastoma cell invasiveness. <i>FEBS Letters</i> , 2018, 592, 949-961.	2.8	17
32	Ca ²⁺ and Ca ²⁺ channel antagonists in the control of human small cell lung carcinoma cell proliferation. <i>European Journal of Pharmacology</i> , 1993, 247, 325-331.	2.6	15
33	Evidence for receptor subtype cross-talk in the mitogenic action of serotonin on human small-cell lung carcinoma cells. <i>European Journal of Pharmacology</i> , 1996, 318, 497-504.	3.5	15
34	Silencing of Eps8 inhibits in vitro angiogenesis. <i>Life Sciences</i> , 2015, 131, 30-36.	4.3	14
35	Effect of the different dimeric forms of the platelet-derived growth factor on cellular responses in mouse Swiss 3T3 fibroblasts. <i>FEBS Letters</i> , 1989, 255, 191-195.	2.8	13
36	Fatty acids rather than hormones restore in vitro angiogenesis in human male and female endothelial cells cultured in charcoal-stripped serum. <i>PLoS ONE</i> , 2017, 12, e0189528.	2.5	11

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37	Chronic nitric oxide deprivation induces an adaptive antioxidant status in human endothelial cells. <i>Cellular Signalling</i> , 2013, 25, 2290-2297.	3.6	8
38	Hormone-deprived serum impairs angiogenic properties in human endothelial cells regardless of estrogens. <i>Endocrine Research</i> , 2016, 41, 325-333.	1.2	7
39	Interaction between mitogens upon intracellular Ca ²⁺ pools in murine fibroblasts. <i>Cell Calcium</i> , 1992, 13, 603-614.	2.4	5
40	Are the multiple phospholipases C regulated by more than one mechanism?. <i>Pharmacological Research</i> , 1991, 24, 1-4.	7.1	3
41	A molecular dynamics study of an endostatin-derived peptide with antiangiogenic activity and of its mutants. <i>Chemical Physics Letters</i> , 2008, 455, 311-315.	2.6	2
42	Bombesin stimulates a high affinity GTPase activity in membranes of Swiss 3T3 fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991, 1092, 397-400.	4.1	1
43	Ionic signals generated by growth factors: Modulation by protein kinase C. <i>Pharmacological Research Communications</i> , 1988, 20, 397.	0.2	0
44	Activation of phospholipase C by mitogens in murine fibroblasts. <i>Pharmacological Research</i> , 1989, 21, 93-94.	7.1	0