Maria Grazia Cattaneo

List of Publications by Year
in descending order

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	Sex-dependent differences in the secretome of human endothelial cells. Biology of Sex Differences, 2021, 12, 7.	4.1	21
2	Multicellular 3D Models to Study Tumour-Stroma Interactions. International Journal of Molecular Sciences, 2021, 22, 1633.	4.1	34
3	Autophagy in the Regulation of Tissue Differentiation and Homeostasis. Frontiers in Cell and Developmental Biology, 2020, 8, 602901.	3.7	29
4	Complete neural stem cell (NSC) neuronal differentiation requires a branched chain amino acids-induced persistent metabolic shift towards energy metabolism. Pharmacological Research, 2020, 158, 104863.	7.1	27
5	Metabolism of Stem and Progenitor Cells: Proper Methods to Answer Specific Questions. Frontiers in Molecular Neuroscience, 2019, 12, 151.	2.9	20
6	Crossâ€talk between sphingosineâ€1â€phosphate and <scp>EGFR</scp> signaling pathways enhances human glioblastoma cell invasiveness. FEBS Letters, 2018, 592, 949-961.	2.8	17
7	Inhibition of Chloride Intracellular Channel 1 (CLIC1) as Biguanide Class-Effect to Impair Human Glioblastoma Stem Cell Viability. Frontiers in Pharmacology, 2018, 9, 899.	3.5	30
8	Sex-specific eNOS activity and function in human endothelial cells. Scientific Reports, 2017, 7, 9612.	3.3	67
9	Fatty acids rather than hormones restore in vitro angiogenesis in human male and female endothelial cells cultured in charcoal-stripped serum. PLoS ONE, 2017, 12, e0189528.	2.5	11
10	Hormone-deprived serum impairs angiogenic properties in human endothelial cells regardless of estrogens. Endocrine Research, 2016, 41, 325-333.	1.2	7
11	Silencing of Eps8 inhibits in vitro angiogenesis. Life Sciences, 2015, 131, 30-36.	4.3	14
12	Human umbilical endothelial cells (HUVECs) have a sex: characterisation of the phenotype of male and female cells. Biology of Sex Differences, 2014, 5, 18.	4.1	91
13	Chronic nitric oxide deprivation induces an adaptive antioxidant status in human endothelial cells. Cellular Signalling, 2013, 25, 2290-2297.	3.6	8
14	Cannabidiol inhibits angiogenesis by multiple mechanisms. British Journal of Pharmacology, 2012, 167, 1218-1231.	5.4	118
15	Silencing of Eps8 blocks migration and invasion in human glioblastoma cell lines. Experimental Cell Research, 2012, 318, 1901-1912.	2.6	21
16	Chronic Deficiency of Nitric Oxide Affects Hypoxia Inducible Factor-1Î± (HIF-1Î±) Stability and Migration in Human Endothelial Cells. PLoS ONE, 2011, 6, e29680.	2.5	21
17	Oxytocin stimulates in vitro angiogenesis via a Pyk-2/Src-dependent mechanism. Experimental Cell Research, 2009, 315, 3210-3219.	2.6	47
18	Basal nitric oxide release attenuates cell migration of HeLa and endothelial cells. Biochemical and Biophysical Research Communications, 2009, 386, 744-749.	2.1	20

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19	A molecular dynamics study of an endostatin-derived peptide with antiangiogenic activity and of its mutants. Chemical Physics Letters, 2008, 455, 311-315.	2.6	2
20	Oxytocin stimulates migration and invasion in human endothelial cells. British Journal of Pharmacology, 2008, 153, 728-736.	5.4	64
21	Deregulated human glioma cell motility: Inhibitory effect of somatostatin. Molecular and Cellular Endocrinology, 2006, 256, 34-39.	3.2	22
22	Expression studies in gliomas and glial cells do not support a tumor suppressor role for LGI11. Neuro-Oncology, 2006, 8, 96-108.	1.2	23
23	Alprostadil suppresses angiogenesis in vitro and in vivo in the murine Matrigel plug assay. British Journal of Pharmacology, 2003, 138, 377-385.	5.4	20
24	Studies on the Structureâ^'Activity Relationship of Endostatin:Â Synthesis of Human Endostatin Peptides Exhibiting Potent Antiangiogenic Activities. Journal of Medicinal Chemistry, 2003, 46, 4165-4172.	6.4	32
25	Human endostatin-derived synthetic peptides possess potent antiangiogenic properties in vitro and in vivo. Experimental Cell Research, 2003, 283, 230-236.	2.6	53
26	Anti-migratory and Anti-invasive Effect of Somatostatin in Human Neuroblastoma Cells. Journal of Biological Chemistry, 2003, 278, 40601-40606.	3.4	51
27	Selective stimulation of somatostatin receptor subtypes: differential effects on Ras/MAP kinase pathway and cell proliferation in human neuroblastoma cells. FEBS Letters, 2000, 481, 271-276.	2.8	50
28	Very Low Density Lipoproteinâ€“Mediated Signal Transduction and Plasminogen Activator Inhibitor Type 1 in Cultured HepG2 Cells. Circulation Research, 1999, 85, 208-217.	4.5	58
29	Somatostatin inhibits PDGF-stimulated Ras activation in human neuroblastoma cells. FEBS Letters, 1999, 459, 64-68.	2.8	19
30	Mechanisms of mitogen-activated protein kinase activation by nicotine in small-cell lung carcinoma cells. Biochemical Journal, 1997, 328, 499-503.	3.7	62
31	Î±-Conotoxin imperialis I inhibits nicotine-evoked hormone release and cell proliferation in human neuroendocrine carcinoma cells. Neuroscience Letters, 1996, 206, 53-56.	2.1	33
32	A somatostatin analogue inhibits MAP kinase activation and cell proliferation in human neuroblastoma and in human small cell lung carcinoma cell lines. FEBS Letters, 1996, 397, 164-168.	2.8	50
33	Evidence for receptor subtype cross-talk in the mitogenic action of serotonin on human small-cell lung carcinoma cells. European Journal of Pharmacology, 1996, 318, 497-504.	3.5	15
34	Mitogenic effect of serotonin in human small cell lung carcinoma cells via both 5-HT1A and 5-HT1D receptors. European Journal of Pharmacology, 1995, 291, 209-211.	2.6	40
35	5-HT1D receptor type is involved in stimulation of cell proliferation by serotonin in human small cell lung carcinoma. European Journal of Pharmacology, 1994, 268, 425-430.	2.6	28
36	Serotonin release and cell proliferation are under the control of Î±-bungarotoxin-sensitive nicotinic receptors in small-cell lung carcinoma cell lines. FEBS Letters, 1994, 342, 286-290.	2.8	77

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37	Ca2+ and Ca2+ channel antagonists in the control of human small cell lung carcinoma cell proliferation. European Journal of Pharmacology, 1993, 247, 325-331.	2.6	15
38	Interaction between mitogens upon intracellular Ca2+ pools in murine fibroblasts. Cell Calcium, 1992, 13, 603-614.	2.4	5
39	Are the multiple phospholipases C regulated by more than one mechanism?. Pharmacological Research, 1991, 24, 1-4.	7.1	3
40	Bombesin stimulates a high affinity GTPase activity in membranes of Swiss 3T3 fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1092, 397-400.	4.1	1
41	Activation of phospholipase C by mitogens in murine fibroblasts. Pharmacological Research, 1989, 21, 93-94.	7.1	0
42	Effect of the different dimeric forms of the platelet-derived growth factor on cellular responses in mouse Swiss 3T3 fibroblasts. FEBS Letters, 1989, 255, 191-195.	2.8	13
43	Differential mechanisms of inositol phosphate generation at the receptors for bombesin and platelet-derived growth factor. Biochemical Journal, 1989, 262, 665-668.	3.7	33
44	Ionic signals generated by growth factors: Modulation by protein kinase C. Pharmacological Research Communications, 1988, 20, 397.	0.2	0