

Ginetta Collo

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44
papers

3,848
citations

25
h-index

48
g-index

48
ext. papers

4,088
ext. citations

4.9
avg, IF

4.71
L-index

#	Paper	IF	Citations
44	Cloning OF P2X5 and P2X6 receptors and the distribution and properties of an extended family of ATP-gated ion channels. <i>Journal of Neuroscience</i> , 1996 , 16, 2495-507	6.6	811
43	Tissue distribution of the P2X7 receptor. <i>Neuropharmacology</i> , 1997 , 36, 1277-83	5.5	438
42	The permeabilizing ATP receptor, P2X7. Cloning and expression of a human cDNA. <i>Journal of Biological Chemistry</i> , 1997 , 272, 5482-6	5.4	395
41	An antagonist-insensitive P2X receptor expressed in epithelia and brain.. <i>EMBO Journal</i> , 1996 , 15, 55-62	13	324
40	ATP-mediated cytotoxicity in microglial cells. <i>Neuropharmacology</i> , 1997 , 36, 1295-301	5.5	257
39	P2X receptors: an emerging channel family. <i>European Journal of Neuroscience</i> , 1996 , 8, 2221-8	3.5	247
38	Cell type-specific integrin variants with alternative alpha chain cytoplasmic domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 10183-7	11.5	180
37	Spontaneous cell fusion in macrophage cultures expressing high levels of the P2Z/P2X7 receptor. <i>Journal of Cell Biology</i> , 1997 , 138, 697-706	7.3	152
36	P2X1 receptor activation in HL60 cells. <i>Blood</i> , 1996 , 87, 2659-2664	2.2	78
35	Loss of synaptic D1 dopamine/N-methyl-D-aspartate glutamate receptor complexes in L-DOPA-induced dyskinesia in the rat. <i>Molecular Pharmacology</i> , 2006 , 69, 805-12	4.3	73
34	Ketamine enhances structural plasticity in mouse mesencephalic and human iPSC-derived dopaminergic neurons via AMPAR-driven BDNF and mTOR signaling. <i>Molecular Psychiatry</i> , 2018 , 23, 812-823	15.1	73
33	The NMDA/D1 receptor complex as a new target in drug development. <i>Current Topics in Medicinal Chemistry</i> , 2006 , 6, 801-8	3	65
32	Alpha-synuclein aggregation and cell death triggered by energy deprivation and dopamine overload are counteracted by D2/D3 receptor activation. <i>Journal of Neurochemistry</i> , 2008 , 106, 560-77	6	63
31	Distinct alpha 7A beta 1 and alpha 7B beta 1 integrin expression patterns during mouse development: alpha 7A is restricted to skeletal muscle but alpha 7B is expressed in striated muscle, vasculature, and nervous system. <i>Developmental Dynamics</i> , 1996 , 207, 355-71	2.9	58
30	Nicotine-induced structural plasticity in mesencephalic dopaminergic neurons is mediated by dopamine D3 receptors and Akt-mTORC1 signaling. <i>Molecular Pharmacology</i> , 2013 , 83, 1176-89	4.3	49
29	Redistribution of DAT/βsynuclein complexes visualized by "in situ" proximity ligation assay in transgenic mice modelling early Parkinson's disease. <i>PLoS ONE</i> , 2011 , 6, e27959	3.7	46
28	Differential onset of expression of alpha 7 and beta 1D integrins during mouse heart and skeletal muscle development. <i>Cell Adhesion and Communication</i> , 1998 , 5, 193-205		45

27	Dopamine D3 receptor ligands for drug addiction treatment: update on recent findings. <i>Progress in Brain Research</i> , 2014 , 211, 255-75	2.9	40
26	Dopamine D3 receptor-preferring agonists increase dendrite arborization of mesencephalic dopaminergic neurons via extracellular signal-regulated kinase phosphorylation. <i>European Journal of Neuroscience</i> , 2008 , 28, 1231-40	3.5	40
25	Structural plasticity in mesencephalic dopaminergic neurons produced by drugs of abuse: critical role of BDNF and dopamine. <i>Frontiers in Pharmacology</i> , 2014 , 5, 259	5.6	39
24	Pre-synaptic dopamine D(3) receptor mediates cocaine-induced structural plasticity in mesencephalic dopaminergic neurons via ERK and Akt pathways. <i>Journal of Neurochemistry</i> , 2012 , 120, 765-78	6	36
23	Pharmacological targeting of dopamine D3 receptors: Possible clinical applications of selective drugs. <i>European Neuropsychopharmacology</i> , 2015 , 25, 1437-47	1.2	32
22	The neurobiology of dopamine receptors: evolution from the dual concept to heterodimer complexes. <i>Journal of Receptor and Signal Transduction Research</i> , 2010 , 30, 347-54	2.6	32
21	Gradient of integrin alpha 6A distribution in the myocardium during early heart development. <i>Cell Adhesion and Communication</i> , 1995 , 3, 101-13		27
20	Ropinirole and Pramipexole Promote Structural Plasticity in Human iPSC-Derived Dopaminergic Neurons via BDNF and mTOR Signaling. <i>Neural Plasticity</i> , 2018 , 2018, 4196961	3.3	23
19	The tyrosine phosphatase Shp-2 interacts with the dopamine D(1) receptor and triggers D(1)-mediated Erk signaling in striatal neurons. <i>Journal of Neurochemistry</i> , 2011 , 117, 253-63	6	23
18	(2R,6R)-Hydroxynorketamine promotes dendrite outgrowth in human inducible pluripotent stem cell-derived neurons through AMPA receptor with timing and exposure compatible with ketamine infusion pharmacokinetics in humans. <i>NeuroReport</i> , 2018 , 29, 1425-1430	1.7	20
17	Expansion of human midbrain floor plate progenitors from induced pluripotent stem cells increases dopaminergic neuron differentiation potential. <i>Scientific Reports</i> , 2017 , 7, 6036	4.9	17
16	The novel hybrid agonist HyNDA-1 targets the D3R-nAChR heteromeric complex in dopaminergic neurons. <i>Biochemical Pharmacology</i> , 2019 , 163, 154-168	6	10
15	Ketamine enhances structural plasticity in human dopaminergic neurons: possible relevance for treatment-resistant depression. <i>Neural Regeneration Research</i> , 2018 , 13, 645-646	4.5	10
14	Ketamine increases the expression of GluR1 and GluR2 β -amino-3-hydroxy-5-methy-4-isoxazole propionate receptor subunits in human dopaminergic neurons differentiated from induced pluripotent stem cells. <i>NeuroReport</i> , 2019 , 30, 207-212	1.7	10
13	Pharmacology profile of F17464, a dopamine D receptor preferential antagonist. <i>European Journal of Pharmacology</i> , 2021 , 890, 173635	5.3	10
12	Blockade of Human P2X7 Receptor Function With a Monoclonal Antibody. <i>Blood</i> , 1998 , 92, 3521-3528	2.2	9
11	Genetic variation in CHRNA7 and CHRFA7A is associated with nicotine dependence and response to varenicline treatment. <i>European Journal of Human Genetics</i> , 2018 , 26, 1824-1831	5.3	7
10	Purinoceptors in the central nervous system 1996 , 39, 361-370		6

9	Negative Symptoms of Schizophrenia and Dopaminergic Transmission: Translational Models and Perspectives Opened by iPSC Techniques. <i>Frontiers in Neuroscience</i> , 2020 , 14, 632	5.1	5
8	Ketamine effects on mammalian target of rapamycin signaling in the mouse limbic system depend on functional dopamine D3 receptors. <i>NeuroReport</i> , 2018 , 29, 615-620	1.7	4
7	Immature neuronal phenotype derived from mouse skin precursor cells differentiated in vitro. <i>Brain Research</i> , 2006 , 1109, 32-6	3.7	4
6	Alpha6-Containing Nicotinic Acetylcholine Receptors Mediate Nicotine-Induced Structural Plasticity in Mouse and Human iPSC-Derived Dopaminergic Neurons. <i>Frontiers in Pharmacology</i> , 2018 , 9, 572	5.6	3
5	A human translational model based on neuroplasticity for pharmacological agents potentially effective in Treatment-Resistant Depression: focus on dopaminergic system. <i>Neural Regeneration Research</i> , 2020 , 15, 1027-1029	4.5	3
4	Dopaminergic neuromodulation of prefrontal cortex activity requires the NMDA receptor coagonist d-serine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
3	Distinctive Functions of $\beta 4$ and Other Integrins in Epithelial Cells 1994 , 141-161		2
2	Structural Plasticity Induced by Ketamine in Human Dopaminergic Neurons as Mechanism Relevant for Treatment-Resistant Depression. <i>Chronic Stress</i> , 2019 , 3, 2470547019842545	3	1
1	The Integrin $\beta 4$ in Epithelial and Carcinoma Cells 2017 , 177-196		