

# Giulia Puja

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,720  
citations

279487

23  
h-index

233125

45  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurosteroids act on recombinant human GABAA receptors. <i>Neuron</i> , 1990, 4, 759-765.	3.8	518
2	Pharmacological profile of apigenin, a flavonoid isolated from <i>Matricaria chamomilla</i> . <i>Biochemical Pharmacology</i> , 2000, 59, 1387-1394.	2.0	271
3	Synthesis and Anticonvulsant Activity of Novel and Potent 6,7-Methylenedioxyphthalazin-1(2H)-ones. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2851-2859.	2.9	193
4	Social isolation stress-induced aggression in mice: A model to study the pharmacology of neurosteroidogenesis. <i>Stress</i> , 2005, 8, 85-93.	0.8	141
5	Functional diversity of GABA activated $Cl^{-}$ currents in Purkinje versus granule neurons in rat cerebellar slices. <i>Neuron</i> , 1994, 12, 117-126.	3.8	136
6	Brain allopregnanolone regulates the potency of the GABAA receptor agonist muscimol. <i>Neuropharmacology</i> , 2000, 39, 440-448.	2.0	118
7	The third gamma subunit of the gamma-aminobutyric acid type A receptor family.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 1433-1437.	3.3	108
8	GABA receptor neurotransmission dysfunction in a mouse model of social isolation-induced stress: Possible insights into a non-serotonergic mechanism of action of SSRIs in mood and anxiety disorders. <i>Stress</i> , 2007, 10, 3-12.	0.8	108
9	Expression patterns of gamma-aminobutyric acid type A receptor subunit mRNAs in primary cultures of granule neurons and astrocytes from neonatal rat cerebella.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 9344-9348.	3.3	97
10	On the putative physiological role of allopregnanolone on GABAA receptor function. <i>Neuropharmacology</i> , 2003, 44, 49-55.	2.0	86
11	Molecular mechanisms of the partial allosteric modulatory effects of bretazenil at gamma-aminobutyric acid type A receptor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 3620-3624.	3.3	72
12	Purification and Characterization of Naturally Occurring Benzodiazepine Receptor Ligands in Rat and Human Brain. <i>Journal of Neurochemistry</i> , 1992, 58, 2102-2115.	2.1	71
13	Apigenin modulates GABAergic and glutamatergic transmission in cultured cortical neurons. <i>European Journal of Pharmacology</i> , 2004, 502, 41-46.	1.7	68
14	Evidence That Total Extract of <i>Hypericum perforatum</i> Affects Exploratory Behavior and Exerts Anxiolytic Effects in Rats. <i>Pharmacology Biochemistry and Behavior</i> , 2000, 65, 627-633.	1.3	56
15	Triazolam is more efficacious than diazepam in a broad spectrum of recombinant GABAA receptors. <i>European Journal of Pharmacology</i> , 1993, 244, 29-35.	2.7	52
16	Changes in gamma-aminobutyrate type A receptor subunit mRNAs, translation product expression, and receptor function during neuronal maturation in vitro.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 10952-10956.	3.3	52
17	Nongenomic regulation of glutamatergic neurotransmission in hippocampus by thyroid hormones. <i>Neuroscience</i> , 2008, 151, 155-163.	1.1	49
18	Differences in the negative allosteric modulation of gamma-aminobutyric acid receptors elicited by 4'-chlorodiazepam and by a beta-carboline-3-carboxylate ester: a study with natural and reconstituted receptors.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 7275-7279.	3.3	48

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19	Synthesis and Anticonvulsant Activity of Novel and Potent 2,3-Benzodiazepine AMPA/Kainate Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4414-4421.	2.9	48
20	Synthesis of 3,4-Dihydro-2H-1,2,4-benzo- thiadiazine 1,1-Dioxide Derivatives as Potential Allosteric Modulators of AMPA/Kainate Receptors. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 2355-2357.	2.9	46
21	Evidence that the Î²-acids fraction of hops reduces central GABAergic neurotransmission. <i>Journal of Ethnopharmacology</i> , 2007, 109, 87-92.	2.0	38
22	The density and distribution of six GABAA receptor subunits in primary cultures of rat cerebellar granule cells. <i>Neuroscience</i> , 1995, 67, 583-593.	1.1	34
23	Thyroid hormones modulate GABAA receptor-mediated currents in hippocampal neurons. <i>Neuropharmacology</i> , 2011, 60, 1254-1261.	2.0	33
24	Synthesis and anticonvulsant activity of novel and potent 1-aryl-7,8-methylenedioxy-1,2,3,5-tetrahydro-4H-2,3-benzodiazepin-4-ones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 463-466.	1.0	24
25	Freeze-fracture immunocytochemical study of the expression of native and recombinant GABAA receptors. <i>Brain Research</i> , 1993, 603, 234-242.	1.1	21
26	Development of voltage-dependent ionic currents in rat cerebellar granule cells grown in primary culture. <i>International Journal of Neuroscience</i> , 1991, 56, 193-200.	0.8	20
27	5-Arylbenzothiadiazine Type Compounds as Positive Allosteric Modulators of AMPA/Kainate Receptors. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 25-29.	1.3	20
28	BV-2 Microglial Cells Respond to Rotenone Toxic Insult by Modifying Pregnenolone, 5Î±-Dihydroprogesterone and Pregnanolone Levels. <i>Cells</i> , 2020, 9, 2091.	1.8	20
29	Novel modulatory effects of neurosteroids and benzodiazepines on excitatory and inhibitory neurons excitability: a multi-electrode array recording study. <i>Frontiers in Neural Circuits</i> , 2012, 6, 94.	1.4	17
30	Simultaneous determination of pregnenolone sulphate, dehydroepiandrosterone and allopregnanolone in rat brain areas by liquid chromatographyâ€“electrospray tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 930, 62-69.	1.2	16
31	Mechanisms of Peripheral and Central Pain Sensitization: Focus on Ocular Pain. <i>Frontiers in Pharmacology</i> , 2021, 12, 764396.	1.6	15
32	Novel Potent AMPA/Kainate Receptor Antagonists:Â Synthesis and Anticonvulsant Activity of a Series of 2-[(4-Alkylsemicarbazono)-(4-amino- phenyl)methyl]-4,5-methylenedioxyphenylacetic Acid Alkyl Esters. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 4433-4442.	2.9	14
33	Terfenadine prevents NMDA receptor-dependent and -independent toxicity following sodium channel activation. <i>Brain Research</i> , 1999, 842, 478-481.	1.1	13
34	Functional in vitro characterization of CR 3394: A novel voltage dependent N-methyl-d-aspartate (NMDA) receptor antagonist. <i>Neuropharmacology</i> , 2006, 50, 277-285.	2.0	13
35	Design, stereoselective synthesis, configurational stability and biological activity of 7-chloro-9-(furan-3-yl)-2,3,3a,4-tetrahydro-1H-benzo[e]pyrrolo[2,1-c][1,2,4]thiadiazine 5,5-dioxide. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4667-4676.	1.4	13
36	A novel class of allosteric modulators of AMPA/Kainate receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1254-1257.	1.0	11

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37	Design of 1-substituted 2-arylmethyl-4,5-methylenedioxybenzene derivatives as antiseizure agents. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3703-3709.	1.4	10
38	NMDA receptor dependent and independent components of veratridine toxicity in cultured cerebellar neurons are prevented by nanomolar concentrations of terfenadine. <i>Amino Acids</i> , 2000, 19, 263-272.	1.2	9
39	Novel Dithiolane-Based Ligands Combining Sigma and NMDA Receptor Interactions as Potential Neuroprotective Agents. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1028-1034.	1.3	9
40	Synthesis of (2-Arylindol-3-yl)acetamides as Probes of Mitochondrial Steroidogenesis? A New Mechanism for GABA <sub>A</sub> Receptor Modulation. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1060-1062.	4.4	8
41	Molecular modeling studies, synthesis, configurational stability and biological activity of 8-chloro-2,3,5,6-tetrahydro-3,6-dimethyl-pyrrolo[1,2,3-de]-1,2,4-benzothiadiazine 1,1-dioxide. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 7111-7119.	1.4	8
42	Voltage-dependent calcium currents in trigeminal chick neurons. <i>Biochemical and Biophysical Research Communications</i> , 1990, 167, 1015-1021.	1.0	5
43	Modulation of kainate $\alpha$ ” activated currents by diazoxide and cyclothiazide analogues (IDRA) in cerebellar granule neurons. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2000, 24, 1007-1015.	2.5	4
44	Synthesis and biological evaluation of new 2-amino-6-(trifluoromethoxy)benzoxazole derivatives, analogues of riluzole. <i>Medicinal Chemistry Research</i> , 2013, 22, 6089-6095.	1.1	4
45	Evidence that isopropylthioxanthone (ITX) is devoid of anxiolytic and sedative effect. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 389-395.	1.1	3
46	Benzodiazepines outside the CNS. <i>Trends in Pharmacological Sciences</i> , 2000, 21, 421.	4.0	0
47	408. Putative role of allopregnanolone in psychiatric disorders. <i>Biological Psychiatry</i> , 2000, 47, S125.	0.7	0
48	IDRA-21, a positive AMPA receptor modulator, inhibits synaptic and extrasynaptic NMDA receptor mediated events in cultured cerebellar granule cells. <i>Neuropharmacology</i> , 2004, 46, 1105-1113.	2.0	0