

Giulia Puja

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47
papers

2,400
citations

23
h-index

48
g-index

48
ext. papers

2,546
ext. citations

5.7
avg. IF

4.03
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 47 | Neurosteroids act on recombinant human GABAA receptors. <i>Neuron</i> , 1990 , 4, 759-65 | 13.9 | 484 |
| 46 | Pharmacological profile of apigenin, a flavonoid isolated from <i>Matricaria chamomilla</i> . <i>Biochemical Pharmacology</i> , 2000 , 59, 1387-94 | 6 | 225 |
| 45 | Synthesis and anticonvulsant activity of novel and potent 6,7-methylenedioxyphthalazin-1(2H)-ones. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2851-9 | 8.3 | 176 |
| 44 | Functional diversity of GABA-activated Cl ⁻ currents in Purkinje versus granule neurons in rat cerebellar slices. <i>Neuron</i> , 1994 , 12, 117-26 | 13.9 | 128 |
| 43 | Social isolation stress-induced aggression in mice: a model to study the pharmacology of neurosteroidogenesis. <i>Stress</i> , 2005 , 8, 85-93 | 3 | 108 |
| 42 | Brain allopregnanolone regulates the potency of the GABA(A) receptor agonist muscimol. <i>Neuropharmacology</i> , 2000 , 39, 440-8 | 5.5 | 108 |
| 41 | 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, 1433-7 | 11.5 | 102 |
| 40 | GABA(A) 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 | 3 | 90 |
| 39 | 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, 9344-8 | 11.5 | 85 |
| 38 | On the putative physiological role of allopregnanolone on GABA(A) receptor function. <i>Neuropharmacology</i> , 2003 , 44, 49-55 | 5.5 | 81 |
| 37 | 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, 3620-4 | 11.5 | 67 |
| 36 | Purification and characterization of naturally occurring benzodiazepine receptor ligands in rat and human brain. <i>Journal of Neurochemistry</i> , 1992 , 58, 2102-15 | 6 | 63 |
| 35 | Apigenin modulates GABAergic and glutamatergic transmission in cultured cortical neurons. <i>European Journal of Pharmacology</i> , 2004 , 502, 41-6 | 5.3 | 54 |
| 34 | 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, 10952-6 | 11.5 | 49 |
| 33 | Triazolam is more efficacious than diazepam in a broad spectrum of recombinant GABAA receptors. <i>European Journal of Pharmacology</i> , 1993 , 244, 29-35 | | 49 |
| 32 | 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, 627-33 | 3.9 | 48 |
| 31 | Differences in the negative allosteric modulation of gamma-aminobutyric acid receptors elicited by 4Xchlorodiazepam 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> , 1999 , 86, 7275-9 | 11.5 | 43 |

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| 30 | Synthesis and anticonvulsant activity of novel and potent 2,3-benzodiazepine AMPA/kainate receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 4414-21 | 8.3 | 41 |
| 29 | 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, 2355-7 | 8.3 | 40 |
| 28 | Nongenomic regulation of glutamatergic neurotransmission in hippocampus by thyroid hormones. <i>Neuroscience</i> , 2008 , 151, 155-63 | 3.9 | 39 |
| 27 | Evidence that the beta-acids fraction of hops reduces central GABAergic neurotransmission. <i>Journal of Ethnopharmacology</i> , 2007 , 109, 87-92 | 5 | 34 |
| 26 | The density and distribution of six GABAA receptor subunits in primary cultures of rat cerebellar granule cells. <i>Neuroscience</i> , 1995 , 67, 583-93 | 3.9 | 33 |
| 25 | Thyroid hormones modulate GABA(A) receptor-mediated currents in hippocampal neurons. <i>Neuropharmacology</i> , 2011 , 60, 1254-61 | 5.5 | 24 |
| 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, 463-6 | 2.9 | 20 |
| 23 | 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 | 2 | 19 |
| 22 | 5-Arylbenzothiadiazine Type Compounds as Positive Allosteric Modulators of AMPA/Kainate Receptors. <i>ACS Medicinal Chemistry Letters</i> , 2012 , 3, 25-9 | 4.3 | 18 |
| 21 | Freeze-fracture immunocytochemical study of the expression of native and recombinant GABAA receptors. <i>Brain Research</i> , 1993 , 603, 234-42 | 3.7 | 18 |
| 20 | Simultaneous determination of pregnenolone sulphate, dehydroepiandrosterone and allopregnanolone in rat brain areas by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 930, 62-9 | 3.2 | 16 |
| 19 | 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 | 3.5 | 16 |
| 18 | Terfenadine prevents NMDA receptor-dependent and -independent toxicity following sodium channel activation. <i>Brain Research</i> , 1999 , 842, 478-81 | 3.7 | 13 |
| 17 | Novel potent AMPA/kainate receptor antagonists: 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, 4433-42 | 8.3 | 12 |
| 16 | A novel class of allosteric modulators of AMPA/Kainate receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 1254-7 | 2.9 | 11 |
| 15 | Functional in vitro characterization of CR 3394: a novel voltage dependent N-methyl-D-aspartate (NMDA) receptor antagonist. <i>Neuropharmacology</i> , 2006 , 50, 277-85 | 5.5 | 11 |
| 14 | BV-2 Microglial Cells Respond to Rotenone Toxic Insult by Modifying Pregnenolone, 5 β Dihydroprogesterone and Pregnanolone Levels. <i>Cells</i> , 2020 , 9, | 7.9 | 11 |
| 13 | 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, 263-72 | 3.5 | 9 |

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| 12 | 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, 4667-76 | 3.4 | 8 |
| 11 | 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, 7111-9 | 3.4 | 8 |
| 10 | Design of 1-substituted 2-arylmethyl-4,5-methylenedioxybenzene derivatives as antiseizure agents. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 3703-9 | 3.4 | 7 |
| 9 | Synthesis of (2-Arylindol-3-yl)acetamides as Probes of Mitochondrial Steroidogenesis. A New Mechanism for GABAA Receptor Modulation. <i>Angewandte Chemie International Edition in English</i> , 1992 , 31, 1060-1062 | | 7 |
| 8 | Mechanisms of Peripheral and Central Pain Sensitization: Focus on Ocular Pain.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 764396 | 5.6 | 7 |
| 7 | Voltage-dependent calcium currents in trigeminal chick neurons. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 167, 1015-21 | 3.4 | 5 |
| 6 | Novel Dithiolane-Based Ligands Combining Sigma and NMDA Receptor Interactions as Potential Neuroprotective Agents. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 1028-1034 | 4.3 | 4 |
| 5 | Modulation of kainate-activated currents by diazoxide and cyclothiazide analogues (IDRA) in cerebellar granule neurons. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2000 , 24, 1007-15 | 5.5 | 4 |
| 4 | Synthesis and biological evaluation of new 2-amino-6-(trifluoromethoxy)benzoxazole derivatives, analogues of riluzole. <i>Medicinal Chemistry Research</i> , 2013 , 22, 6089-6095 | 2.2 | 3 |
| 3 | 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, 389-95 | 3.2 | 2 |
| 2 | 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, 1105-13 | 5.5 | |
| 1 | Benzodiazepines outside the CNS. <i>Trends in Pharmacological Sciences</i> , 2000 , 21, 421 | 13.2 | |