

Maria Antonietta Casu

List of Publications by Year in descending order

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47
papers

2,041
citations

257357

24
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233338

45
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48
docs citations

48
times ranked

2284
citing authors

#	ARTICLE	IF	CITATIONS
1	Microdialysis measurement of cortical and hippocampal acetylcholine release during sleep-wake cycle in freely moving cats. <i>Brain Research</i> , 1995, 671, 329-332.	1.1	558
2	Cholinergic nerve terminals establish classical synapses in the rat cerebral cortex: synaptic pattern and age-related atrophy. <i>Neuroscience</i> , 2001, 105, 277-285.	1.1	130
3	Cannabinoids decrease acetylcholine release in the medial-prefrontal cortex and hippocampus, reversal by SR 141716A. <i>European Journal of Pharmacology</i> , 1998, 355, 119-124.	1.7	119
4	Inhibition of hippocampal acetylcholine release by cannabinoids: reversal by SR 141716A. <i>European Journal of Pharmacology</i> , 1997, 327, R1-R2.	1.7	98
5	Differential distribution of functional cannabinoid CB1 receptors in the mouse gastroenteric tract. <i>European Journal of Pharmacology</i> , 2003, 459, 97-105.	1.7	72
6	Loss of Presynaptic and Postsynaptic Structures Is Accompanied by Compensatory Increase in Action Potential-Dependent Synaptic Input to Layer V Neocortical Pyramidal Neurons in Aged Rats. <i>Journal of Neuroscience</i> , 2000, 20, 8596-8606.	1.7	70
7	Co-release of noradrenaline and dopamine from noradrenergic neurons in the cerebral cortex induced by clozapine, the prototype atypical antipsychotic. <i>Psychopharmacology</i> , 2003, 167, 79-84.	1.5	55
8	Evaluation of selective cannabinoid CB1 and CB2 receptor agonists in a mouse model of lipopolysaccharide-induced interstitial cystitis. <i>European Journal of Pharmacology</i> , 2014, 729, 67-74.	1.7	52
9	Aging Causes a Preferential Loss of Cholinergic Innervation of Characterized Neocortical Pyramidal Neurons. <i>Cerebral Cortex</i> , 2002, 12, 329-337.	1.6	48
10	Evidence for functional CB1 cannabinoid receptor expressed in the rat thyroid. <i>European Journal of Endocrinology</i> , 2002, 147, 255-261.	1.9	46
11	Sub-chronic treatment with classical but not atypical antipsychotics produces morphological changes in rat nigro-striatal dopaminergic neurons directly related to "early onset"™ vacuous chewing. <i>European Journal of Neuroscience</i> , 2002, 15, 1187-1196.	1.2	42
12	Microscopic Processes Ruling the Bioavailability of Zn to Roots of <i>Euphorbia pithyusa</i> L. Pioneer Plant. <i>Environmental Science & Technology</i> , 2015, 49, 1400-1408.	4.6	42
13	Reduction of dopamine release and synthesis by repeated amphetamine treatment: Role in behavioral sensitization. <i>European Journal of Pharmacology</i> , 1996, 317, 231-237.	1.7	40
14	<i>Withania somnifera</i> root extract prolongs analgesia and suppresses hyperalgesia in mice treated with morphine. <i>Phytomedicine</i> , 2014, 21, 745-752.	2.3	37
15	Neuroprotective and anti-inflammatory properties of a novel non-thiazolidinedione PPAR β agonist in vitro and in MPTP-treated mice. <i>Neuroscience</i> , 2015, 302, 23-35.	1.1	37
16	Imbalance towards inhibition as a substrate of aging-associated cognitive impairment. <i>Neuroscience Letters</i> , 2006, 397, 64-68.	1.0	35
17	Impact of Zn excess on biomineralization processes in <i>Juncus acutus</i> grown in mine polluted sites. <i>Journal of Hazardous Materials</i> , 2019, 370, 98-107.	6.5	35
18	Effect of δ^9 -tetrahydrocannabinol on phosphorylated CREB in rat cerebellum: An immunohistochemical study. <i>Brain Research</i> , 2005, 1048, 41-47.	1.1	34

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19	Opposite effects of stress on dopamine release in the limbic system of drug-naive and chronically amphetamine-treated rats. <i>European Journal of Pharmacology</i> , 1997, 337, 219-222.	1.7	33
20	Immunocytochemical study of the forebrain serotonergic innervation in Sardinian alcohol-preferring rats. <i>Psychopharmacology</i> , 2004, 172, 341-351.	1.5	33
21	NESS06SM reduces body weight with an improved profile relative to SR141716A. <i>Pharmacological Research</i> , 2013, 74, 94-108.	3.1	32
22	Strain-dependent effects of dopamine agonists on acetylcholine release in the hippocampus: An in vivo study in mice. <i>Neuroscience</i> , 1996, 70, 653-660.	1.1	31
23	Microscopic biomineralization processes and Zn bioavailability: a synchrotron-based investigation of <i>Pistacia lentiscus</i> L. roots. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19352-19361.	2.7	31
24	The amorphous Zn biomineralization at Naracauli stream, Sardinia: electron microscopy and X-ray absorption spectroscopy. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6775-6782.	2.7	29
25	Chronic morphine increases hippocampal acetylcholine release: possible relevance in drug dependence. <i>European Journal of Pharmacology</i> , 1996, 302, 21-26.	1.7	23
26	Reduced TH-immunoreactive fibers in the limbic system of Sardinian alcohol-preferring rats. <i>Brain Research</i> , 2002, 924, 242-251.	1.1	23
27	Effects of acute and chronic valproate treatments on p-CREB levels in the rat amygdala and nucleus accumbens. <i>Brain Research</i> , 2007, 1141, 15-24.	1.1	22
28	Haloperidol versus risperidone on rat "early onset" vacuous chewing. <i>Behavioural Brain Research</i> , 2004, 149, 9-16.	1.2	20
29	Lack of Rhes Increases MDMA-Induced Neuroinflammation and Dopamine Neuron Degeneration: Role of Gender and Age. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1556.	1.8	19
30	The novel psychoactive substance methoxetamine induces persistent behavioral abnormalities and neurotoxicity in rats. <i>Neuropharmacology</i> , 2019, 144, 219-232.	2.0	19
31	Neuroleptics cause stimulation of dopamine D1 receptors and their desensitization after chronic treatment. <i>European Journal of Pharmacology</i> , 1994, 264, 55-60.	1.7	18
32	Gender Differences in Neurodegeneration, Neuroinflammation and Na ⁺ -Ca ²⁺ Exchangers in the Female A53T Transgenic Mouse Model of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 118.	1.7	17
33	Mineralogy and Zn Chemical Speciation in a Soil-Plant System from a Metal-Extreme Environment: A Study on <i>Helichrysum microphyllum</i> subsp. <i>tyrrhenicum</i> (Campo Pisano Mine, SW Sardinia, Italy). <i>Minerals</i> (Basel, Switzerland), 2020, 10, 259.	0.8	17
34	Reduced DAT- and DBH-immunostaining in the limbic system of Sardinian alcohol-preferring rats. <i>Brain Research</i> , 2002, 948, 192-202.	1.1	16
35	Plastics, (bio)polymers and their apparent biogeochemical cycle: An infrared spectroscopy study on foraminifera. <i>Environmental Pollution</i> , 2021, 279, 116912.	3.7	16
36	The small GTP-binding protein Rhes influences Nigrostriatal-dependent Motor Behavior during Aging. <i>Movement Disorders</i> , 2016, 31, 583-589.	2.2	14

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37	Neuroprotection by the Immunomodulatory Drug Pomalidomide in the Drosophila LRRK2WD40 Genetic Model of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 31.	1.7	13
38	Co-dergocrine (Hydergine) regulates striatal and hippocampal acetylcholine release through D2 receptors. <i>NeuroReport</i> , 1994, 5, 674-676.	0.6	10
39	Structure of low-order hemimorphite produced in a Zn-rich environment by cyanobacterium <i>Leptolingbya frigida</i> . <i>American Mineralogist</i> , 2018, 103, 711-719.	0.9	10
40	Zinc incorporation in marine bivalve shells grown in mine-polluted seabed sediments: a case study in the Malfidano mining area (SW Sardinia, Italy). <i>Environmental Science and Pollution Research</i> , 2018, 25, 36645-36660.	2.7	10
41	Prediction and prevention of the first psychotic episode: new directions and opportunities. <i>Therapeutics and Clinical Risk Management</i> , 2014, 10, 241.	0.9	9
42	<i>Withania somnifera</i> (L.) Dunal root extract alleviates formalin-induced nociception in mice. <i>Behavioural Pharmacology</i> , 2016, 27, 57-68.	0.8	7
43	Rhes Counteracts Dopamine Neuron Degeneration and Neuroinflammation Depending on Gender and Age. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 163.	1.7	7
44	In utero exposure to dexamethasone causes a persistent and age-dependent exacerbation of the neurotoxic effects and glia activation induced by MDMA in dopaminergic brain regions of C57BL/6j mice. <i>NeuroToxicology</i> , 2021, 83, 1-13.	1.4	5
45	Building a virtual archive using brain architecture and Web 3D to deliver neuropsychopharmacology content over the Internet. <i>Computer Methods and Programs in Biomedicine</i> , 2008, 90, 124-136.	2.6	4
46	Improvements of Motor Performances in the Drosophila LRRK2 Loss-of-Function Model of Parkinson's Disease: Effects of Dialyzed Leucocyte Extracts from Human Serum. <i>Brain Sciences</i> , 2020, 10, 45.	1.1	2
47	Effects of controlled-release formulations of atypical antipsychotics on functioning and quality of life of schizophrenic individuals. <i>Expert Opinion on Pharmacotherapy</i> , 2012, 13, 1631-1643.	0.9	1