

Carolina Muguruza

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

790
citations

516710

16
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

1257
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Three Residues Essential for 5-Hydroxytryptamine 2A-Metabotropic Glutamate 2 (5-HT2A-mGlu2) Receptor Heteromerization and Its Psychoactive Behavioral Function. <i>Journal of Biological Chemistry</i> , 2012, 287, 44301-44319.	3.4	122
2	Antipsychotic-induced Hdac2 transcription via NF- κ B leads to synaptic and cognitive side effects. <i>Nature Neuroscience</i> , 2017, 20, 1247-1259.	14.8	79
3	Dysregulated 5-HT2A receptor binding in postmortem frontal cortex of schizophrenic subjects. <i>European Neuropsychopharmacology</i> , 2013, 23, 852-864.	0.7	71
4	Quantification of endocannabinoids in postmortem brain of schizophrenic subjects. <i>Schizophrenia Research</i> , 2013, 148, 145-150.	2.0	65
5	Evaluation of 5-HT2A and mGlu2/3 receptors in postmortem prefrontal cortex of subjects with major depressive disorder: Effect of antidepressant treatment. <i>Neuropharmacology</i> , 2014, 86, 311-318.	4.1	63
6	The endocannabinoid system in mental disorders: Evidence from human brain studies. <i>Biochemical Pharmacology</i> , 2018, 157, 97-107.	4.4	53
7	Group II Metabotropic Glutamate Receptors as Targets for Novel Antipsychotic Drugs. <i>Frontiers in Pharmacology</i> , 2016, 7, 130.	3.5	52
8	Long-term hippocampal interneuronopathy drives sex-dimorphic spatial memory impairment induced by prenatal THC exposure. <i>Neuropsychopharmacology</i> , 2020, 45, 877-886.	5.4	51
9	Serotonin 5-HT2A receptor expression and functionality in postmortem frontal cortex of subjects with schizophrenia: Selective biased agonism via G α i1-proteins. <i>European Neuropsychopharmacology</i> , 2019, 29, 1453-1463.	0.7	32
10	Subcellular specificity of cannabinoid effects in striatonigral circuits. <i>Neuron</i> , 2021, 109, 1513-1526.e11.	8.1	29
11	α -Adrenoceptor Antagonists: Synthesis, Pharmacological Evaluation, and Molecular Modeling Investigation of Pyridinoguanidine, Pyridino-2-aminoimidazoline and Their Derivatives. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 963-977.	6.4	26
12	Antidepressant-like properties of three new α -adrenoceptor antagonists. <i>Neuropharmacology</i> , 2013, 65, 13-19.	4.1	22
13	The motivation for exercise over palatable food is dictated by cannabinoid type-1 receptors. <i>JCI Insight</i> , 2019, 4, .	5.0	22
14	Endocannabinoid system imbalance in the postmortem prefrontal cortex of subjects with schizophrenia. <i>Journal of Psychopharmacology</i> , 2019, 33, 1132-1140.	4.0	21
15	Thiophene/thiazole-benzene replacement on guanidine derivatives targeting α -2-Adrenoceptors. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 38-50.	5.5	19
16	Bicyclic α -lminophosphonates as High Affinity Imidazoline α -2 Receptor Ligands for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3610-3633.	6.4	17
17	Differential brain ADRA2A and ADRA2C gene expression and epigenetic regulation in schizophrenia. Effect of antipsychotic drug treatment. <i>Translational Psychiatry</i> , 2021, 11, 643.	4.8	10
18	Guanidine-based α -2-adrenoceptor ligands: Towards selective antagonist activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 242-254.	5.5	9

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19	Opposite alterations of 5-HT _{2A} receptor brain density in subjects with schizophrenia: relevance of radiotracers pharmacological profile. <i>Translational Psychiatry</i> , 2021, 11, 302.	4.8	8
20	5-HT _{2A} - and 5-HT _{2C} -adrenoceptor expression and functionality in postmortem prefrontal cortex of schizophrenia subjects. <i>European Neuropsychopharmacology</i> , 2021, 52, 3-11.	0.7	7
21	Cannabis and exercise: Effects of ⁹ -tetrahydrocannabinol on preference and motivation for wheel-running in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110117.	4.8	4
22	Sex-dependent pharmacological profiles of the synthetic cannabinoid MMB-Fubinaca. <i>Addiction Biology</i> , 2021, 26, e12940.	2.6	1
23	P.3.d.005 Why discordant findings are found in serotonin 5-HT _{2A} receptor density in frontal cortex of subjects with schizophrenia. <i>European Neuropsychopharmacology</i> , 2012, 22, S346-S347.	0.7	0
24	Human cerebral 5-HT _{2A} receptor labelling with [18F]altanserin, [3H]LSD, and [3H]M100907. Relevance of radiotracer intrinsic activity. <i>European Neuropsychopharmacology</i> , 2019, 29, S324.	0.7	0
25	A bicyclic iminophosphonate improves cognitive decline in 5xFAD murine model of neurodegeneration. <i>FASEB Journal</i> , 2021, 35, .	0.5	0