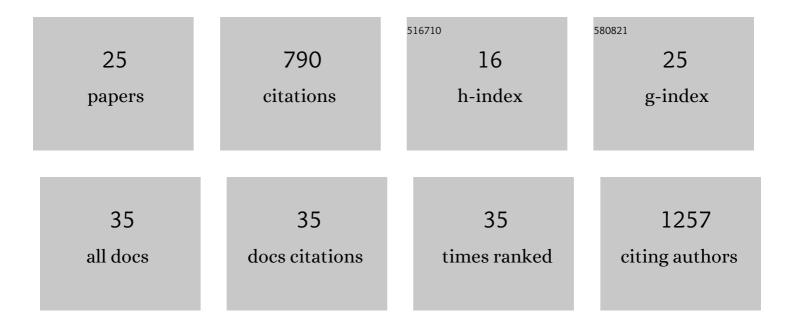
Carolina Muguruza

List of Publications by Year in descending order

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#	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. Journal of Biological Chemistry, 2012, 287, 44301-44319.	3.4	122
2	Antipsychotic-induced Hdac2 transcription via NF-κB leads to synaptic and cognitive side effects. Nature Neuroscience, 2017, 20, 1247-1259.	14.8	79
3	Dysregulated 5-HT2A receptor binding in postmortem frontal cortex of schizophrenic subjects. European Neuropsychopharmacology, 2013, 23, 852-864.	0.7	71
4	Quantification of endocannabinoids in postmortem brain of schizophrenic subjects. Schizophrenia Research, 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. Neuropharmacology, 2014, 86, 311-318.	4.1	63
6	The endocannabinoid system in mental disorders: Evidence from human brain studies. Biochemical Pharmacology, 2018, 157, 97-107.	4.4	53
7	Group II Metabotropic Glutamate Receptors as Targets for Novel Antipsychotic Drugs. Frontiers in Pharmacology, 2016, 7, 130.	3.5	52
8	Long-term hippocampal interneuronopathy drives sex-dimorphic spatial memory impairment induced by prenatal THC exposure. Neuropsychopharmacology, 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 Gαi1-proteins. European Neuropsychopharmacology, 2019, 29, 1453-1463.	0.7	32
10	Subcellular specificity of cannabinoid effects in striatonigral circuits. Neuron, 2021, 109, 1513-1526.e11.	8.1	29
11	α ₂ -Adrenoceptor Antagonists: Synthesis, Pharmacological Evaluation, and Molecular Modeling Investigation of Pyridinoguanidine, Pyridino-2-aminoimidazoline and Their Derivatives. Journal of Medicinal Chemistry, 2015, 58, 963-977.	6.4	26
12	Antidepressant-like properties of three new α2-adrenoceptor antagonists. Neuropharmacology, 2013, 65, 13-19.	4.1	22
13	The motivation for exercise over palatable food is dictated by cannabinoid type-1 receptors. JCI Insight, 2019, 4, .	5.0	22
14	Endocannabinoid system imbalance in the postmortem prefrontal cortex of subjects with schizophrenia. Journal of Psychopharmacology, 2019, 33, 1132-1140.	4.0	21
15	Thiophene/thiazole-benzene replacement on guanidine derivatives targeting α 2 -Adrenoceptors. European Journal of Medicinal Chemistry, 2017, 138, 38-50.	5.5	19
16	Bicyclic α-Iminophosphonates as High Affinity Imidazoline I ₂ Receptor Ligands for Alzheimer's Disease. Journal of Medicinal Chemistry, 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. Translational Psychiatry, 2021, 11, 643.	4.8	10
18	Guanidine-based α2-adrenoceptor ligands: Towards selective antagonist activity. European Journal of Medicinal Chemistry, 2014, 82, 242-254.	5.5	9

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#	Article	IF	CITATIONS
19	Opposite alterations of 5ÂHT2A receptor brain density in subjects with schizophrenia: relevance of radiotracers pharmacological profile. Translational Psychiatry, 2021, 11, 302.	4.8	8
20	α2A- and α2C-adrenoceptor expression and functionality in postmortem prefrontal cortex of schizophrenia subjects. European Neuropsychopharmacology, 2021, 52, 3-11.	0.7	7
21	Cannabis and exercise: Effects of Δ9-tetrahydrocannabinol on preference and motivation for wheel-running in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 105, 110117.	4.8	4
22	Sexâ€dependent pharmacological profiles of the synthetic cannabinoid MMBâ€Fubinaca. Addiction Biology, 2021, 26, e12940.	2.6	1
23	P.3.d.005 Why discordant findings are found in serotonin 5-HT2A receptor density in frontal cortex of subjects with schizophrenia. European Neuropsychopharmacology, 2012, 22, S346-S347.	0.7	Ο
24	Human cerebral 5-HT2A receptor labelling with [18F]altanserin, [3H]LSD, and [3H]M100907. Relevance of radiotracer intrinsic activity. European Neuropsychopharmacology, 2019, 29, S324.	0.7	0
25	A bicyclic α‑iminophosphonate improves cognitive decline in 5xFAD murine model of neurodegeneration. FASEB Journal, 2021, 35, .	0.5	Ο