

# Angel Pazos

## List of Publications by Year in descending order

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105  
papers

5,358  
citations

66343

42  
h-index

88630

70  
g-index

105  
all docs

105  
docs citations

105  
times ranked

5674  
citing authors

#	ARTICLE	IF	CITATIONS
1	The binding of serotonergic ligands to the porcine choroid plexus: Characterization of a new type of serotonin recognition site. <i>European Journal of Pharmacology</i> , 1984, 106, 539-546.	3.5	560
2	Cannabidiol induces rapid-acting antidepressant-like effects and enhances cortical 5-HT/glutamate neurotransmission: role of 5-HT <sub>1A</sub> receptors. <i>Neuropharmacology</i> , 2016, 103, 16-26.	4.1	198
3	A single in-vivo exposure to $\delta^9$ THC blocks endocannabinoid-mediated synaptic plasticity. <i>Nature Neuroscience</i> , 2004, 7, 585-586.	14.8	196
4	Ontogenetic development of cannabinoid receptor expression and signal transduction functionality in the human brain. <i>European Journal of Neuroscience</i> , 2003, 17, 1747-1754.	2.6	184
5	Mechanisms of cannabidiol neuroprotection in hypoxic-ischemic newborn pigs: Role of 5HT <sub>1A</sub> and CB <sub>2</sub> receptors. <i>Neuropharmacology</i> , 2013, 71, 282-291.	4.1	182
6	BDNF impairment in the hippocampus is related to enhanced despair behavior in CB <sub>1</sub> knockout mice. <i>Journal of Neurochemistry</i> , 2008, 105, 565-572.	3.9	175
7	Reducing GABA <sub>A</sub> $\alpha$ 5 Receptor-Mediated Inhibition Rescues Functional and Neuromorphological Deficits in a Mouse Model of Down Syndrome. <i>Journal of Neuroscience</i> , 2013, 33, 3953-3966.	3.6	137
8	Mesulergine, a selective serotonin-2 ligand in the rat cortex, does not label these receptors in porcine and human cortex: Evidence for species differences in brain serotonin-2 receptors. <i>European Journal of Pharmacology</i> , 1984, 106, 531-538.	3.5	132
9	Are Wistar-Kyoto rats a genetic animal model of depression resistant to antidepressants?. <i>European Journal of Pharmacology</i> , 1997, 337, 115-123.	3.5	128
10	Strategies for producing faster acting antidepressants. <i>Drug Discovery Today</i> , 2005, 10, 578-585.	6.4	122
11	Small Molecule Inhibition of ERK Dimerization Prevents Tumorigenesis by RAS-ERK Pathway Oncogenes. <i>Cancer Cell</i> , 2015, 28, 170-182.	16.8	120
12	Selective Increase of $\alpha$ 2A Adrenoceptor Agonist Binding Sites in Brains of Depressed Suicide Victims. <i>Journal of Neurochemistry</i> , 1998, 70, 1114-1123.	3.9	118
13	Chronic fluoxetine induces opposite changes in G protein coupling at pre and postsynaptic 5-HT <sub>1A</sub> receptors in rat brain. <i>Neuropharmacology</i> , 2003, 44, 93-101.	4.1	102
14	Autoradiographic distribution of M1, M2, M3, and M4 muscarinic receptor subtypes in Alzheimer's disease. <i>Synapse</i> , 1997, 26, 341-350.	1.2	98
15	Autoradiographic distribution of 5-HT <sub>7</sub> receptors in the human brain using [ <sup>3</sup> H]mesulergine: comparison to other mammalian species. <i>British Journal of Pharmacology</i> , 2004, 141, 92-104.	5.4	96
16	Autoradiographic Demonstration of Increased $\alpha$ 2 Adrenoceptor Agonist Binding Sites in the Hippocampus and Frontal Cortex of Depressed Suicide Victims. <i>Journal of Neurochemistry</i> , 1994, 63, 256-265.	3.9	85
17	Modulation of neuroplasticity pathways and antidepressant-like behavioural responses following the short-term (3 and 7 days) administration of the 5-HT <sub>4</sub> receptor agonist RS67333. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 631-643.	2.1	76
18	Cannabinoid receptor antagonism and inverse agonism in response to SR141716A on cAMP production in human and rat brain. <i>European Journal of Pharmacology</i> , 2002, 443, 43-46.	3.5	73

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19	CB <sub>1</sub> knockout mice display impaired functionality of 5-HT <sub>1A</sub> and 5-HT <sub>2A/C</sub> receptors. <i>Journal of Neurochemistry</i> , 2007, 103, 2111-2120.	3.9	73
20	Neural Plasticity and Proliferation in the Generation of Antidepressant Effects: Hippocampal Implication. <i>Neural Plasticity</i> , 2013, 2013, 1-21.	2.2	73
21	Myelination brain abnormalities associated with adolescence and early-adulthood cannabis use. <i>Brain Research</i> , 2010, 1317, 297-304.	2.2	71
22	A short history of the 5-HT <sub>2C</sub> receptor: from the choroid plexus to depression, obesity and addiction treatment. <i>Psychopharmacology</i> , 2017, 234, 1395-1418.	3.1	71
23	β-blocker Binding to Human 5-HT <sub>1A</sub> Receptors in vivo and in vitro Implications for Antidepressant Therapy. <i>Neuropsychopharmacology</i> , 2000, 23, 285-293.	5.4	70
24	Altered CB <sub>1</sub> receptor signaling in prefrontal cortex from an animal model of depression is reversed by chronic fluoxetine. <i>Journal of Neurochemistry</i> , 2009, 108, 1423-1433.	3.9	69
25	Diez años de investigación traslacional colaborativa en enfermedades mentales: el CIBERSAM. <i>Revista De Psiquiatría Y Salud Mental</i> , 2019, 12, 1-8.	1.8	68
26	[ <sup>3</sup> H]Sumatriptan binding sites in human brain: regional-dependent labelling of 5-HT <sub>1D</sub> and 5-HT <sub>1F</sub> receptors. <i>European Journal of Pharmacology</i> , 1996, 295, 271-274.	3.5	64
27	Long-Term Fluoxetine Treatment Modulates Cannabinoid Type 1 Receptor-Mediated Inhibition of Adenylyl Cyclase in the Rat Prefrontal Cortex through 5-Hydroxytryptamine <sub>1A</sub> Receptor-Dependent Mechanisms. <i>Molecular Pharmacology</i> , 2010, 77, 424-434.	2.3	62
28	Long-term treatment with fluoxetine induces desensitization of 5-HT <sub>4</sub> receptor-dependent signalling and functionality in rat brain. <i>Journal of Neurochemistry</i> , 2009, 110, 1120-1127.	3.9	61
29	Synaptic vesicular monoamine transporter expression: distribution and pharmacologic profile. <i>Molecular Brain Research</i> , 1994, 22, 219-226.	2.3	58
30	5-HT <sub>1B</sub> receptor binding in degenerative movement disorders. <i>Brain Research</i> , 1998, 790, 323-328.	2.2	58
31	Cell proliferation is reduced in the dentate gyrus of aged but not young Ts65Dn mice, a model of Down syndrome. <i>Neuroscience Letters</i> , 2005, 380, 197-201.	2.1	57
32	Respiratory effects of γ-endorphin, d-Ala <sup>2</sup> -Met-enkephalinamide, and Met-enkephalin injected into the lateral ventricle and the pontomedullary subarachnoid space. <i>Brain Research</i> , 1980, 199, 197-206.	2.2	55
33	High-affinity choline uptake carrier in Alzheimer's disease: implications for the cholinergic hypothesis of dementia. <i>Brain Research</i> , 1991, 552, 170-174.	2.2	54
34	Quantitative light microscopic autoradiographic localization of β <sub>2</sub> -adrenoceptors in the human brain. <i>Brain Research</i> , 1992, 585, 116-127.	2.2	53
35	The endocannabinoid system in mental disorders: Evidence from human brain studies. <i>Biochemical Pharmacology</i> , 2018, 157, 97-107.	4.4	53
36	Early localization of mRNA coding for 5-HT <sub>1A</sub> receptors in human brain during development. <i>Molecular Brain Research</i> , 1998, 60, 123-126.	2.3	49

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37	$\hat{1}\pm 2$ -Adrenoceptor subtypes in the human brain: a pharmacological delineation of $[3H]RX-821002$ binding to membranes and tissue sections. <i>European Journal of Pharmacology</i> , 1996, 310, 83-93.	3.5	48
38	Interaction of naloxone with $\hat{1}\frac{1}{4}$ - and $\hat{1}$ -opioid agonists on the respiration of rats. <i>European Journal of Pharmacology</i> , 1983, 87, 309-314.	3.5	46
39	A role for nuclear $\hat{1}^2$ -catenin in SNRI antidepressant-induced hippocampal cell proliferation. <i>Neuropharmacology</i> , 2008, 55, 18-26.	4.1	46
40	New Strategies in the Development of Antidepressants: Towards the Modulation of Neuroplasticity Pathways. <i>Current Pharmaceutical Design</i> , 2011, 17, 521-533.	1.9	46
41	Behavioral, neurochemical and molecular changes after acute deep brain stimulation of the infralimbic prefrontal cortex. <i>Neuropharmacology</i> , 2016, 108, 91-102.	4.1	46
42	Thyrotropin-Releasing Hormone Receptor Binding Sites: Autoradiographic Distribution in the Rat and Guinea Pig Brain. <i>Journal of Neurochemistry</i> , 1985, 45, 1448-1463.	3.9	45
43	$^{125}I$ -Galanin Binding Sites in Alzheimer's Disease: Increases in Hippocampal Subfields and a Decrease in the Caudate Nucleus. <i>Journal of Neurochemistry</i> , 2002, 68, 1106-1113.	3.9	43
44	Agonist-dependent modulation of G-protein coupling and transduction of 5-HT $1A$ receptors in rat dorsal raphe nucleus. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 835-843.	2.1	42
45	$\hat{1}\pm 2$ -Adrenoceptor Functionality in Postmortem Frontal Cortex of Depressed Suicide Victims. <i>Biological Psychiatry</i> , 2010, 68, 869-872.	1.3	40
46	Central pressor effects induced by muscarinic receptor agonists: Evidence for a predominant role of the M2 receptor subtype. <i>European Journal of Pharmacology</i> , 1986, 125, 63-70.	3.5	35
47	The subtype-selective $\hat{1}\pm 2$ -adrenoceptor antagonists BRL 44408 and ARC 239 also recognize 5-HT $1A$ receptors in the rat brain. <i>European Journal of Pharmacology</i> , 1996, 312, 385-388.	3.5	35
48	A Comparative Study of $\hat{1}\pm 2$ - and $\hat{1}^2$ -Adrenoceptor Distribution in Pigeon and Chick Brain. <i>European Journal of Neuroscience</i> , 1997, 9, 871-883.	2.6	35
49	The endocannabinoid system is altered in the postmortem prefrontal cortex of alcoholic subjects. <i>Addiction Biology</i> , 2015, 20, 773-783.	2.6	34
50	Regionally specific age-dependent decline in $\hat{1}\pm 2$ -adrenoceptors: An autoradiographic study in human brain. <i>Neuroscience Letters</i> , 1991, 133, 279-283.	2.1	32
51	Presynaptic parkinsonism in olivopontocerebellar atrophy: Clinical, pathological, and neurochemical evidence. <i>Annals of Neurology</i> , 1991, 30, 425-428.	5.3	32
52	Cannabidiol antidepressant-like effect in the lipopolysaccharide model in mice: Modulation of inflammatory pathways. <i>Biochemical Pharmacology</i> , 2021, 185, 114433.	4.4	31
53	A comparative study in rats of the respiratory depression and analgesia induced by $\hat{1}\frac{1}{4}$ - and $\hat{1}$ -opioid agonists. <i>European Journal of Pharmacology</i> , 1984, 99, 15-21.	3.5	30
54	Loss of high-affinity $\hat{1}\pm 2$ -adrenoceptors in Alzheimer's disease: An autoradiographic study in frontal cortex and hippocampus. <i>Neuroscience Letters</i> , 1992, 142, 36-40.	2.1	29

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55	Flip and flop splice variants of AMPA receptor subunits in the spinal cord of amyotrophic lateral sclerosis. <i>Synapse</i> , 2002, 45, 245-249.	1.2	29
56	Serotonin 5-HT <sub>4</sub> Receptors: A New Strategy for Developing Fast Acting Antidepressants?. <i>Current Pharmaceutical Design</i> , 2014, 20, 3751-3762.	1.9	29
57	Transient localization of 5-HT <sub>1A</sub> receptors in human cerebellum during development. <i>Neuroscience Letters</i> , 1994, 166, 149-152.	2.1	28
58	Effects of freezing storage time on the density of muscarinic receptors in the human postmortem brain: an autoradiographic study in control and Alzheimer's disease brain tissues. <i>Brain Research</i> , 1996, 728, 65-71.	2.2	26
59	Adenylate cyclase activity in postmortem brain of suicide subjects: reduced response to $\hat{1}^2$ -adrenergic stimulation. <i>Biological Psychiatry</i> , 2003, 54, 1457-1464.	1.3	26
60	Differential adaptive changes on serotonin and noradrenaline transporters in a rat model of peripheral neuropathic pain. <i>Neuroscience Letters</i> , 2012, 515, 181-186.	2.1	26
61	Modification of muscarinic acetylcholine receptors in the rat brain following chronic immobilization stress: an autoradiographic study. <i>European Journal of Pharmacology</i> , 1992, 223, 25-31.	3.5	25
62	In vitro and in vivo characterization of F-97013-GD, a partial 5-HT <sub>1A</sub> agonist with antipsychotic- and antiparkinsonian-like properties. <i>Neuropharmacology</i> , 2006, 51, 129-140.	4.1	24
63	Serotonin-1C sites in the choroid plexus are not linked in a stimulatory or inhibitory way to adenylate cyclase. <i>Brain Research</i> , 1986, 380, 151-154.	2.2	23
64	Characterization of [ <sup>3</sup> H]Hemicholinium-3 Binding Sites in Human Brain Membranes: A Marker for Presynaptic Cholinergic Nerve Terminals. <i>Journal of Neurochemistry</i> , 1990, 54, 792-800.	3.9	23
65	Opioid tolerance and supersensitivity induce regional changes in the autoradiographic density of dihydropyridine-sensitive calcium channels in the rat central nervous system. <i>Pain</i> , 2000, 86, 227-235.	4.2	23
66	Autoradiographic evidence of $\hat{1}^4$ -opioid receptors down-regulation after prenatal stress in offspring rat brain. <i>Developmental Brain Research</i> , 1996, 94, 14-21.	1.7	22
67	Social isolation differentially affects anxiety and depressive-like responses of bulbectomized mice. <i>Behavioural Brain Research</i> , 2013, 245, 1-6.	2.2	21
68	Targeting $\hat{1}^2$ -Catenin in GLAST-Expressing Cells: Impact on Anxiety and Depression-Related Behavior and Hippocampal Proliferation. <i>Molecular Neurobiology</i> , 2019, 56, 553-566.	4.0	21
69	Lindane Administration to the Rat Induces Modifications in the Regional Cerebral Binding of [ <sup>3</sup> H]Muscimol, [ <sup>3</sup> H]-Flunitrazepam, and t-[ <sup>35</sup> S]Butylbicyclophosphorothionate: An Autoradiographic Study. <i>Journal of Neurochemistry</i> , 1993, 60, 1821-1834.	3.9	20
70	Autoradiographic distribution of [ <sup>3</sup> H]hemicholinium-3 binding sites in human brain. <i>Brain Research</i> , 1989, 505, 306-310.	2.2	19
71	Affinity changes in muscarinic acetylcholine receptors in the rat brain following acute immobilization stress: an autoradiographic study. <i>European Journal of Pharmacology</i> , 1992, 214, 261-268.	3.5	19
72	WAY100635 prevents the changes induced by fluoxetine upon the 5-HT <sub>1A</sub> receptor functionality. <i>Neuropharmacology</i> , 2008, 55, 1391-1396.	4.1	19

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73	Identification and Characterization of a New Serotonergic Recognition Site with High Affinity for 5-Carboxamidotryptamine in Mammalian Brain. <i>Journal of Neurochemistry</i> , 2002, 69, 2123-2131.	3.9	18
74	Preclinical pharmacology of F-98214-TA, a novel potent serotonin and norepinephrine uptake inhibitor with antidepressant and anxiolytic properties. <i>Psychopharmacology</i> , 2005, 182, 400-413.	3.1	18
75	mTOR Knockdown in the Infralimbic Cortex Evokes A Depressive-like State in Mouse. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8671.	4.1	18
76	Autoradiographic localization of $\beta_2$ -adrenoceptors in chick brain. <i>Neuroscience Letters</i> , 1990, 120, 97-100.	2.1	17
77	Transmembrane signaling through phospholipase C- $\beta_2$ in the developing human prefrontal cortex. <i>Journal of Neuroscience Research</i> , 2006, 84, 13-26.	2.9	17
78	Autoradiographic Evidence of Delta-Opioid Receptor Downregulation after Prenatal Stress in Offspring Rat Brain. <i>Pharmacology</i> , 2000, 60, 13-18.	2.2	16
79	Autoradiographic characterisation of [ <sup>35</sup> S]GTP $\gamma$ S binding stimulation mediated by 5-HT <sub>1B</sub> receptor in postmortem human brain. <i>Neuropharmacology</i> , 2005, 48, 25-33.	4.1	15
80	Selective up-regulation of cannabinoid CB1 receptor coupling to G $\alpha$ -proteins in suicide victims with mood disorders. <i>Biochemical Pharmacology</i> , 2018, 157, 258-265.	4.4	15
81	Cholinergic markers in degenerative parkinsonism: autoradiographic demonstration of high-affinity choline uptake carrier hyperactivity. <i>Brain Research</i> , 1994, 636, 327-332.	2.2	14
82	Loss of dopamine uptake sites and dopamine D2 receptors in striatonigral degeneration. <i>Brain Research</i> , 2000, 852, 228-232.	2.2	14
83	S 47445 counteracts the behavioral manifestations and hippocampal neuroplasticity changes in bulbectomized mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 205-213.	4.8	14
84	Aminergic receptors during the development of the human brain: the contribution of in vitro imaging techniques. <i>Journal of Chemical Neuroanatomy</i> , 2001, 22, 101-114.	2.1	12
85	An altered spinal serotonergic system contributes to increased thermal nociception in an animal model of depression. <i>Experimental Brain Research</i> , 2014, 232, 1793-1803.	1.5	12
86	Different mechanisms are involved in the respiratory depression and analgesia induced by neurotensin in rats. <i>European Journal of Pharmacology</i> , 1984, 98, 119-123.	3.5	10
87	The Addiction-Related Protein ANKK1 is Differentially Expressed During the Cell Cycle in Neural Precursors. <i>Cerebral Cortex</i> , 2017, 27, 2809-2819.	2.9	10
88	Enhanced Stress Response in 5-HT <sub>1A</sub> R Overexpressing Mice: Altered HPA Function and Hippocampal Long-Term Potentiation. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2393-2401.	3.5	10
89	Identification of $\beta_2$ -adrenoceptors in rat lymph nodes and spleen: an autoradiographic study. <i>European Journal of Pharmacology</i> , 1994, 262, 283-286.	3.5	9
90	One year longitudinal study of the straight gyrus morphometry in first-episode schizophrenia-spectrum patients. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 80-83.	1.8	9

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91	5-HT <sub>4</sub> Receptors Are Not Involved in the Effects of Fluoxetine in the Corticosterone Model of Depression. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2036-2044.	3.5	9
92	Focusing on the respiratory action of opioids. <i>Trends in Pharmacological Sciences</i> , 1983, 4, 470-472.	8.7	8
93	Ontogenetic Development of 5-HT <sub>1D</sub> Receptors in Human Brain: An Autoradiographic Study. <i>European Journal of Neuroscience</i> , 1996, 8, 53-60.	2.6	8
94	Autoradiographic studies of neurotransmitter receptors in the brain of newborn infants with Down syndrome. <i>American Journal of Medical Genetics Part A</i> , 2005, 37, 301-305.	2.4	8
95	Temporal pole morphology in first-episode schizophrenia patients: <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 189-191.	1.8	8
96	Microglial activation and expression of immune-related genes in a rat <i>ex vivo</i> nervous system model after infection with <i>Listeria monocytogenes</i> . <i>Glia</i> , 2013, 61, 611-622.	4.9	8
97	Multiple Serotonin Receptors in the Human Brain. , 1991, , 71-101.		8
98	Identification of $\beta$ -adrenoceptors in rat lymph nodes and spleen: an autoradiographic study. <i>European Journal of Pharmacology</i> , 1994, 252, 333-336.	3.5	7
99	Chronic citalopram administration desensitizes prefrontal cortex but not somatodendritic $\beta$ -adrenoceptors in rat brain. <i>Neuropharmacology</i> , 2017, 114, 114-122.	4.1	7
100	Desarrollo profesional en investigación traslacional en neurociencias y salud mental: educación y formación dentro del Centro de Investigación Biomédica en Red en Salud Mental. <i>Revista De Psiquiatría Y Salud Mental</i> , 2015, 8, 65-74.	1.8	6
101	CIBERSAM: Ten years of collaborative translational research in mental disorders. <i>Revista De Psiquiatría Y Salud Mental (English Edition)</i> , 2019, 12, 1-8.	0.3	5
102	Straight gyrus morphology in first-episode schizophrenia-spectrum patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 84-90.	4.8	4
103	$\beta$ -Catenin Role in the Vulnerability/Resilience to Stress-Related Disorders Is Associated to Changes in the Serotonergic System. <i>Molecular Neurobiology</i> , 2020, 57, 1704-1715.	4.0	4
104	The Making of the 5-HT <sub>2C</sub> Receptor. <i>Receptors</i> , 2011, , 1-16.	0.2	1
105	Editorial (Thematic Issue: Future Trends in the Development of New Antidepressant Drugs). <i>Current Pharmaceutical Design</i> , 2014, 20, 3717-3717.	1.9	0