Sergio Tanganelli

List of Publications by Year
in descending order

134 papers	5,877 citations	61857 43 h-index	91712 69 g-index
135 all docs	135 docs citations	135 times ranked	4462 citing authors

#	Article	IF	Citations
1	Î”9-Tetrahydrocannabinol decreases extracellular GABA and increases extracellular glutamate and dopamine levels in the rat prefrontal cortex: an in vivo microdialysis study. Brain Research, 2002, 948, 155-158.	1.1	201
2	Receptorâ€“receptor interactions within receptor mosaics. Impact on neuropsychopharmacology. Brain Research Reviews, 2008, 58, 415-452.	9.1	192
3	Prenatal exposure to a cannabinoid agonist produces memory deficits linked to dysfunction in hippocampal long-term potentiation and glutamate release. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4915-4920.	3.3	176
4	Antagonistic cannabinoid CB1/dopamine D2 receptor interactions in striatal CB1/D2 heteromers. A combined neurochemical and behavioral analysis. Neuropharmacology, 2008, 54, 815-823.	2.0	154
5	Adenosineâ€“Dopamine Interactions in the Pathophysiology and Treatment of CNS Disorders. CNS Neuroscience and Therapeutics, 2010, 16, e18-42.	1.9	141
6	The Vigilance Promoting Drug Modafinil Increases Extracellular Glutamate Levels in the Medial Preoptic Area and the Posterior Hypothalamus of the Conscious Rat Prevention by Local GABAA Receptor Blockade. Neuropsychopharmacology, 1999, 20, 346-356.	2.8	139
7	Modafinil: An antinarcoleptic drug with a different neurochemical profile to d-amphetamine and dopamine uptake blockers. Biological Psychiatry, 1997, 42, 1181-1183.	0.7	128
8	The vigilance promoting drug modafinil increases dopamine release in the rat nucleus accumbens via the involvement of a local GABAergic mechanism. European Journal of Pharmacology, 1996, 306, 33-39.	1.7	125
9	Intramembrane receptorâ€“receptor interactions: a novel principle in molecular medicine. Journal of Neural Transmission, 2007, 114, 49-75.	1.4	113
10	The effects of modafinil on striatal, pallidal and nigral GABA and glutamate release in the conscious rat: evidence for a preferential inhibition of striato-pallidal GABA transmission. Neuroscience Letters, 1998, 253, 135-138.	1.0	110
11	Understanding the Role of GPCR Heteroreceptor Complexes in Modulating the Brain Networks in Health and Disease. Frontiers in Cellular Neuroscience, 2017, 11, 37.	1.8	110
12	Glutamate antagonists prevent morphine withdrawal in mice and guinea pigs. Neuroscience Letters, 1991, 122, 270-272.	1.0	106
13	The antinarcoleptic drug modafinil increases glutamate release in thalamic areas and hippocampus. NeuroReport, 1997, 8, 2883-2887.	0.6	105
14	Prenatal Exposure to the CB1 Receptor Agonist WIN 55,212-2 Causes Learning Disruption Associated with Impaired Cortical NMDA Receptor Function and Emotional Reactivity Changes in Rat Offspring. Cerebral Cortex, 2005, 15, 2013-2020.	1.6	105
15	The vigilance promoting drug modafinil decreases GABA release in the medial preoptic area and in the posterior hypothalamus of the awake rat: possible involvement of the serotonergic 5-HT3 receptor. Neuroscience Letters, 1996, 220, 5-8.	1.0	103
16	Design, Synthesis and Activity of Ascorbic Acid Prodrugs of Nipecotic, Kynurenic and Diclophenamic Acids, Liable to Increase Neurotropic Activity. Journal of Medicinal Chemistry, 2002, 45, 559-562.	2.9	99
17	Facilitation of gaba release by neurotensin is associated with a reduction of dopamine release in rat nucleus accumbens. Neuroscience, 1994, 60, 649-657.	1.1	96
18	Intramembrane Interactions between Neurotensin Receptors and Dopamine D2Receptors as a Major Mechanism for the Neuroleptic-like Action of Neurotensin. Annals of the New York Academy of Sciences, 1992, 668, 186-204.	1.8	90

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19	GPCR Heteromers and their Allosteric Receptor-Receptor Interactions. Current Medicinal Chemistry, 2012, 19, 356-363.	1.2	83
20	Amplification of cortical serotonin release: a further neurochemical action of the vigilance-promoting drug modafinil. Neuropharmacology, 2000, 39, 1974-1983.	2.0	81
21	Evidence for a substrate of neuronal plasticity based on pre- and postsynaptic neurotensin-dopamine receptor interactions in the neostriatum.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 5591-5595.	3.3	78
22	The Cannabinoid Receptor Agonist WIN 55,212-2 Regulates Glutamate Transmission in Rat Cerebral Cortex: an In Vivo and In Vitro Study. Cerebral Cortex, 2001, 11, 728-733.	1.6	77
23	Inhibitory effects of the psychoactive drug modafinil on ?-aminobutyric acid outflow from the cerebral cortex of the awake freely moving guinea-pig. Naunyn-Schmiedeberg's Archives of Pharmacology, 1992, 345, 461-5.	1.4	75
24	Striatal plasticity at the network level. Focus on adenosine A2A and D2 interactions in models of Parkinson's Disease. Parkinsonism and Related Disorders, 2004, 10, 273-280.	1.1	72
25	Effects of sarizotan on the corticostriatal glutamate pathways. Synapse, 2005, 58, 193-199.	0.6	69
26	Extrasynaptic Neurotransmission in the Modulation of Brain Function. Focus on the Striatal Neuronalâ€"Glial Networks. Frontiers in Physiology, 2012, 3, 136.	1.3	67
27	Different approaches to study acetylcholine release: endogenous ACh versus tritium efflux. Naunyn-Schmiedeberg's Archives of Pharmacology, 1984, 328, 119-126.	1.4	66
28	The Striatal Neurotensin Receptor Modulates Striatal and Pallidal Glutamate and GABA Release: Functional Evidence for a Pallidal Glutamateâ€"GABA Interaction via the Pallidalâ€"Subthalamic Nucleus Loop. Journal of Neuroscience, 1998, 18, 6977-6989.	1.7	65
29	Selective Î³-hydroxybutyric acid receptor ligands increase extracellular glutamate in the hippocampus, but fail to activate G protein and to produce the sedative/hypnotic effect of Î³-hydroxybutyric acid. Journal of Neurochemistry, 2003, 87, 722-732.	2.1	65
30	Neurotensin counteracts apomorphine-induced inhibition of dopamine release as studied by microdialysis in rat neostriatum. Brain Research, 1989, 502, 319-324.	1.1	63
31	Brain uptake of an anti-ischemic agent by nasal administration of microparticles. Journal of Pharmaceutical Sciences, 2008, 97, 4889-4903.	1.6	62
32	Modafinil and cortical Î³-aminobutyric acid outflow. Modulation by 5-hydroxytryptamine neurotoxins. European Journal of Pharmacology, 1995, 273, 63-71.	1.7	60
33	Evidence for a protective action of the vigilance promoting drug Modafinil on the MPTP-induced degeneration of the nigrostriatal dopamine neurons in the black mouse: an immunocytochemical and biochemical analysis. Experimental Brain Research, 1992, 88, 117-130.	0.7	59
34	The effects of neurotensin on GABA and acetylcholine release in the dorsal striatum of the rat: an in vivo mirodialysis study. Brain Research, 1992, 573, 209-216.	1.1	56
35	Endogenous kynurenic acid regulates extracellular GABA levels in the rat prefrontal cortex. Neuropharmacology, 2014, 82, 11-18.	2.0	56
36	Differential enhancement of dialysate serotonin levels in distinct brain regions of the awake rat by modafinil: Possible relevance for wakefulness and depression. Journal of Neuroscience Research, 2002, 68, 107-112.	1.3	55

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37	Kynurenic acid, by targeting Î±7 nicotinic acetylcholine receptors, modulates extracellular <scp>GABA</scp> levels in the rat striatum <i>in vivo</i>. European Journal of Neuroscience, 2013, 37, 1470-1477.	1.2	54
38	Multiple D2 heteroreceptor complexes: new targets for treatment of schizophrenia. Therapeutic Advances in Psychopharmacology, 2016, 6, 77-94.	1.2	51
39	Neurotensin receptor mechanisms and its modulation of glutamate transmission in the brain. Progress in Neurobiology, 2007, 83, 92-109.	2.8	49
40	Neurotensin peptides antagonistically regulate postsynaptic dopamine D2 receptors in rat nucleus accumbens: a receptor binding and microdialysis study. Journal of Neural Transmission, 1995, 102, 125-137.	1.4	48
41	GABA induced changes in acetylcholine release from slices of guinea-pig brain. Naunyn-Schmiedeberg's Archives of Pharmacology, 1982, 318, 253-258.	1.4	46
42	Nigral neurotensin receptor regulation of nigral glutamate and nigroventral thalamic GABA transmission: a dual-probe microdialysis study in intact conscious rat brain. Neuroscience, 2001, 102, 113-120.	1.1	46
43	Cannabinoid receptor agonist WIN 55,212-2 inhibits rat cortical dialysate ?-aminobutyric acid levels. Journal of Neuroscience Research, 2001, 66, 298-302.	1.3	44
44	Experimental studies and theoretical aspects on A2A/D2 receptor interactions in a model of Parkinson's disease. Relevance for L-dopa induced dyskinesias. Journal of the Neurological Sciences, 2006, 248, 16-22.	0.3	44
45	Dopamine D2 receptor signaling dynamics of dopamine D2-neurotensin 1 receptor heteromers. Biochemical and Biophysical Research Communications, 2013, 435, 140-146.	1.0	44
46	Diversity and Bias through ReceptorÃ¢â‚¬â€œReceptor Interactions in GPCR Heteroreceptor Complexes. Focus on Examples from Dopamine D2 Receptor Heteromerization. Frontiers in Endocrinology, 2014, 5, 71.	1.5	44
47	Differential Effects of Intrastriatal Neurotensin(1-13) and Neurotensin(8-13) on Striatal Dopamine and Pallidal GABA Release. A Dual-probe Microdialysis Study in the Awake Rat. European Journal of Neuroscience, 1997, 9, 1838-1846.	1.2	43
48	Long-term effects on cortical glutamate release induced by prenatal exposure to the cannabinoid receptor agonist (r)-(+)-[2,3-dihydro-5-methyl-3-(4-morpholinyl-methyl)pyrrolo[1,2,3-de]-1,4-benzoxazin-6-yl]-1-naphthalenylmethanone: an in vivo microdialysis study in the awake rat. Neuroscience, 2004, 124, 367-375.	1.1	43
49	Brain Dopamine Transmission in Health and Parkinson's Disease: Modulation of Synaptic Transmission and Plasticity Through Volume Transmission and Dopamine Heteroreceptors. Frontiers in Synaptic Neuroscience, 2018, 10, 20.	1.3	43
50	Integrated signaling in heterodimers and receptor mosaics of different types of GPCRs of the forebrain: relevance for schizophrenia. Journal of Neural Transmission, 2009, 116, 923-939.	1.4	42
51	Functional role of striatal A2A, D2, and <scp>mG</scp>lu5 receptor interactions in regulating striatopallidal <scp>GABA</scp> neuronal transmission. Journal of Neurochemistry, 2016, 138, 254-264.	2.1	42
52	Unbalance of CB1 receptors expressed in GABAergic and glutamatergic neurons in a transgenic mouse model of Huntington's disease. Neurobiology of Disease, 2012, 45, 983-991.	2.1	41
53	Neurotensin increases endogenous glutamate release in the neostriatum of the awake rat. Synapse, 1995, 20, 362-364.	0.6	39
54	Modafinil enhances the increase of extracellular serotonin levels induced by the antidepressant drugs fluoxetine and imipramine: A dual probe microdialysis study in awake rat. Synapse, 2005, 55, 230-241.	0.6	38

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55	Developmental exposure to methylmercury elicits early cell death in the cerebral cortex and longâ€term memory deficits in the rat. International Journal of Developmental Neuroscience, 2009, 27, 165-174.	0.7	38
56	The Release of ?-Aminobutyric Acid, Glutamate, and Acetylcholine from Striatal Slices: A Mass Fragmentographic Study. Journal of Neurochemistry, 1981, 36, 1691-1697.	2.1	37
57	Î³-Hydroxybutyrate modulation of glutamate levels in the hippocampus: an in vivo and in vitro study. Journal of Neurochemistry, 2001, 78, 929-939.	2.1	37
58	Neurotensin receptors as modulators of glutamatergic transmission. Brain Research Reviews, 2008, 58, 365-373.	9.1	37
59	Dopamine D2 heteroreceptor complexes and their receptorâ€"receptor interactions in ventral striatum. Progress in Brain Research, 2014, 211, 113-139.	0.9	37
60	Neurotensin-induced modulation of dopamine D2 receptors and their function in rat striatum: Counteraction by a NTR1-like receptor antagonist. NeuroReport, 2002, 13, 763-766.	0.6	36
61	Enhanced striatal glutamate release after the administration of rimonabant to 6-hydroxydopamine-lesioned rats. Neuroscience Letters, 2008, 438, 10-13.	1.0	35
62	Neurotensin Enhances Endogenous Extracellular Glutamate Levels in Primary Cultures of Rat Cortical Neurons: Involvement of Neurotensin Receptor in NMDA Induced Excitotoxicity. Cerebral Cortex, 2004, 14, 466-473.	1.6	34
63	Ascorbic and 6-Br-ascorbic acid conjugates as a tool to increase the therapeutic effects of potentially central active drugs. European Journal of Pharmaceutical Sciences, 2005, 24, 259-269.	1.9	33
64	Evidence for a preventive action of the vigilance-promoting drug modafinil against striatal ischemic injury induced by endothelin-1 in the rat. Experimental Brain Research, 1993, 96, 89-99.	0.7	32
65	Cholecystokinin/dopamine/GABA interactions in the nucleus accumbens: biochemical and functional correlates. Peptides, 2001, 22, 1229-1234.	1.2	32
66	Dopamine modulation of acetylcholine release from the guinea-pig brain. European Journal of Pharmacology, 1979, 58, 235-246.	1.7	31
67	Differential effects of acute and short-term lithium administration on dialysate glutamate and GABA levels in the frontal cortex of the conscious rat. Synapse, 2000, 38, 355-362.	0.6	31
68	Noradrenergic modulation of Î³-aminobutyric acid outflow from the human cerebral cortex. Brain Research, 1993, 629, 103-108.	1.1	30
69	Neurotensin increases endogenous glutamate release in rat cortical slices. Life Sciences, 2000, 66, 927-936.	2.0	30
70	Short- and long-term consequences of prenatal exposure to the cannabinoid agonist WIN55,212-2 on rat glutamate transmission and cognitive functions. Journal of Neural Transmission, 2009, 116, 1017-1027.	1.4	29
71	Editorial (Thematic Issue: Understanding the Role of Heteroreceptor Complexes in the Central) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	29
72	Long-lasting alterations of hippocampal GABAergic neurotransmission in adult rats following perinatal Î"9-THC exposure. Neurobiology of Learning and Memory, 2017, 139, 135-143.	1.0	29

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73	Evidence for a differential cholecystokinin-B and -A receptor regulation of gaba release in the rat nucleus accumbens mediated via dopaminergic and cholinergic mechanisms. Neuroscience, 1996, 73, 941-950.	1.1	28
74	Neurotensin Receptor Involvement in the Rise of Extracellular Glutamate Levels and Apoptotic Nerve Cell Death in Primary Cortical Cultures after Oxygen and Glucose Deprivation. Cerebral Cortex, 2008, 18, 1748-1757.	1.6	28
75	A Novel Mechanism of Cocaine to Enhance Dopamine D2-Like Receptor Mediated Neurochemical and Behavioral Effects. An In Vivo and In Vitro Study. Neuropsychopharmacology, 2012, 37, 1856-1866.	2.8	28
76	Understanding the Functional Plasticity in Neural Networks of the Basal Ganglia in Cocaine Use Disorder: A Role for Allosteric Receptor-Receptor Interactions in A2A-D2 Heteroreceptor Complexes. Neural Plasticity, 2016, 2016, 1-12.	1.0	28
77	Chapter 14 Effect of nicotine on the release of acetylcholine and amino acids in the brain. Progress in Brain Research, 1989, 79, 149-155.	0.9	27
78	Neurotensin and cholecystokinin octapeptide control synergistically dopamine release and dopamine D2 receptor affinity in rat neostriatum. European Journal of Pharmacology, 1993, 230, 159-166.	1.7	26
79	Differential Effects of Palmitoylethanolamide against Amyloid-Î² Induced Toxicity in Cortical Neuronal and Astrocytic Primary Cultures from Wild-Type and 3xTg-AD Mice. Journal of Alzheimer's Disease, 2015, 46, 407-421.	1.2	26
80	Inhibition of acetylcholine outflow from guinea-pig cerebral cortex following locus coeruleus stimulation. Neuroscience Letters, 1979, 14, 97-100.	1.0	25
81	Receptor-Receptor Interactions and Their Relevance for Receptor Diversity. Annals of the New York Academy of Sciences, 1995, 757, 365-376.	1.8	25
82	Nanomolar concentrations of cocaine enhance D2-like agonist-induced inhibition of the K+-evoked [3H]-dopamine efflux from rat striatal synaptosomes: a novel action of cocaine. Journal of Neural Transmission, 2010, 117, 593-597.	1.4	25
83	?9-tetrahydrocannabinol increases endogenous extracellular glutamate levels in primary cultures of rat cerebral cortex neurons: Involvement of CB1 receptors. Journal of Neuroscience Research, 2002, 68, 449-453.	1.3	24
84	Mesolimbic dopamine and cortico-accumbens glutamate afferents as major targets for the regulation of the ventral striato-pallidal GABA pathways by neurotensin peptides. Brain Research Reviews, 2007, 55, 144-154.	9.1	24
85	Receptorâ€"receptor interactions as studied with microdialysis. Focus on NTR/D2 interactions in the basal ganglia. Journal of Neural Transmission, 2007, 114, 105-113.	1.4	24
86	GET73 Prevents Ethanol-Induced Neurotoxicity in Primary Cultures of Rat Hippocampal Neurons. Alcohol and Alcoholism, 2016, 51, 128-135.	0.9	24
87	Relevance of Dopamine D2/Neurotensin NTS1 and NMDA/Neurotensin NTS1 Receptor Interaction in Psychiatric and Neurodegenerative Disorders. Current Medicinal Chemistry, 2012, 19, 304-316.	1.2	23
88	Palmitoylethanolamide Blunts Amyloid-Î²42-Induced Astrocyte Activation and Improves Neuronal Survival in Primary Mouse Cortical Astrocyte-Neuron Co-Cultures. Journal of Alzheimer's Disease, 2017, 61, 389-399.	1.2	22
89	Neurotensin NTS1-Dopamine D2 Receptor-Receptor Interactions in Putative Receptor Heteromers: Relevance for Parkinsonâ€™s Disease and Schizophrenia. Current Protein and Peptide Science, 2014, 15, 681-690.	0.7	22
90	6-Hydroxy-dopamine treatment counteracts the reduction of cortical GABA release produced by the vigilance promoting drug modafinil in the awake freely moving guinea-pig. Neuroscience Letters, 1994, 171, 201-204.	1.0	21

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91	Transporter-Mediated Effects of Diclofenamic Acid and its Ascorbyl Pro-Drug in the in Vivo Neurotropic Activity of Ascorbyl Nipecotic Acid Conjugate. Journal of Pharmaceutical Sciences, 2004, 93, 78-85.	1.6	21
92	Emerging Evidence for Neurotensin Receptor 1 Antagonists as Novel Pharmaceutics in Neurodegenerative Disorders. Mini-Reviews in Medicinal Chemistry, 2009, 9, 1429-1438.	1.1	21
93	Cocaine modulates allosteric D2-Ïƒ1 receptor-receptor interactions on dopamine and glutamate nerve terminals from rat striatum. Cellular Signalling, 2017, 40, 116-124.	1.7	21
94	Changes in pituitary-adrenal activity affect the apomorphine- and cholecystokinin-8-induced changes in striatal dopamine release using microdialysis. Journal of Neural Transmission, 1990, 81, 183-194.	1.4	20
95	Adenosine A2A-D2 Receptor-Receptor Interactions in Putative Heteromers in the Regulation of the Striato-Pallidal GABA Pathway: Possible Relevance for Parkinsonâ€™s Disease and its Treatment. Current Protein and Peptide Science, 2014, 15, 673-680.	0.7	20
96	Release of GABA from the guinea-pig neocortex induced by electrical stimulation of the â€˜locus coeruleusâ€™ or by norepinephrine. Brain Research, 1982, 232, 216-221.	1.1	19
97	A2A/D2 receptor heteromerization in a model of Parkinson's disease. Focus on striatal aminoacidergic signaling. Brain Research, 2012, 1476, 96-107.	1.1	19
98	Striatal NTS₁, dopamine D₂ and NMDA receptor regulation of pallidal GABA and glutamate release â€“ a dualâ€probe microdialysis study in the intranigral 6â€hydroxydopamine unilaterally lesioned rat. European Journal of Neuroscience, 2012, 35, 207-220.	1.2	19
99	Multiple Adenosine-Dopamine (A2A-D2 Like) Heteroreceptor Complexes in the Brain and Their Role in Schizophrenia. Cells, 2020, 9, 1077.	1.8	18
100	Involvement of cholecystokinin receptors in the control of striatal dopamine autoreceptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 1990, 342, 300-304.	1.4	17
101	Changes in pituitary-adrenal activity affect the binding properties of striatal dopamine D-2 receptors but not their modulation by neurotensin and cholecystokinin-8. Neurochemistry International, 1990, 16, 275-280.	1.9	17
102	Efficient synthesis and biological evaluation of two modafinil analogues. Bioorganic and Medicinal Chemistry, 2008, 16, 9904-9910.	1.4	17
103	Understanding the balance and integration of volume and synaptic transmission. Relevance for psychiatry. Neurology Psychiatry and Brain Research, 2013, 19, 141-158.	2.0	17
104	Neurotensin enhances glutamate excitotoxicity in mesencephalic neurons in primary culture. Journal of Neuroscience Research, 2002, 70, 766-773.	1.3	16
105	Neurotensin regulates cortical glutamate transmission by modulating Nâ€methylâ€Ðâ€aspartate receptor functional activity: An in vivo microdialysis study. Journal of Neuroscience Research, 2011, 89, 1618-1626.	1.3	16
106	The modulation of cortical acetylcholine release by GABA, GABA-like drugs and benzodiazepines in freely moving guinea-pigs. Neuropharmacology, 1985, 24, 291-299.	2.0	15
107	The New Compound GET73, N-[(4-trifluoromethyl)benzyl]4-methoxybutyramide, Regulates Hippocampal Aminoacidergic Transmission Possibly Via an Allosteric Modulation of mGlu5 Receptor. Behavioural Evidence of its â€œAnti-Alcoholâ€•and Anxiolytic Properties. Current Medicinal Chemistry, 2013, 20, 3339-3357.	1.2	15
108	5â€Hydroxytryptamineâ€mediated effects of nicotine on endogenous GABA efflux from guineaâ€pig cortical slices. British Journal of Pharmacology, 1995, 116, 2724-2728.	2.7	14

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109	GET73 increases rat extracellular hippocampal CA1 GABA levels through a possible involvement of local mGlu5 receptor. Synapse, 2013, 67, 678-691.	0.6	14
110	?1Adrenoreceptpr-Mediated Increase in Acetylcholine Release in Braip Slices During Morphine Tolerance. Journal of Neurochemistry, 1989, 53, 1072-1076.	2.1	13
111	Inhibitory cholinergic control of endogenous GABA release from electrically stimulated cortical slices and K+-depolarized synaptosomes. Neurochemistry International, 1997, 31, 795-800.	1.9	13
112	Prenatal exposure to the cannabinoid receptor agonist WIN 55,212-2 and carbon monoxide reduces extracellular glutamate levels in primary rat cerebral cortex cell cultures. Neurochemistry International, 2006, 49, 568-576.	1.9	13
113	Prenatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin produces alterations in cortical neuron development and a long-term dysfunction of glutamate transmission in rat cerebral cortex. Neurochemistry International, 2012, 61, 759-766.	1.9	13
114	Glycineâ€induced changes in acetylcholine release from guineaâ€pig brain slices. British Journal of Pharmacology, 1983, 79, 623-628.	2.7	12
115	A mass-frammentographic approach to release studies of endogenous GABA, glutamic acid and glutamine â€œin vitroâ€. Pharmacological Research Communications, 1980, 12, 501-505.	0.2	11
116	Evidence for a nucleus accumbens CCK2 receptor regulation of rat ventral pallidal GABA levels. Life Sciences, 2000, 68, 483-496.	2.0	11
117	Modafinil does not affect serotonin efflux from rat frontal cortex synaptosomes: comparison with known serotonergic drugs. Brain Research, 2001, 894, 307-310.	1.1	11
118	Acute Cocaine Enhances Dopamine D2R Recognition and Signaling and Counteracts D2R Internalization in Sigma1R-D2R Heteroreceptor Complexes. Molecular Neurobiology, 2019, 56, 7045-7055.	1.9	11
119	The Vigilance Promoting Drug Modafinil Modulates Serotonin Transmission in the Rat Prefrontal Cortex and Dorsal Raphe Nucleus. Possible Relevance for Its Postulated Antidepressant Activity. Mini-Reviews in Medicinal Chemistry, 2013, 13, 478-492.	1.1	11
120	Diazepam antagonizes GABA-and muscimol-induced changes of acetylcholine release in slices of guinea-pig cerebral cortex. Naunyn-Schmiedeberg's Archives of Pharmacology, 1983, 324, 34-37.	1.4	9
121	Effect of acute and subchronic nicotine treatment on cortical efflux of [³H]â€<scp>d</scp>â€aspartate and endogenous GABA in freely moving guineaâ€pigs. British Journal of Pharmacology, 1991, 104, 15-20.	2.7	9
122	Changes in gamma-aminobutyric acid release induced by topical administration of drugs affecting its metabolism and receptors: Studies in freely moving guinea pigs with epidural cups. Neurochemistry International, 1992, 21, 15-20.	1.9	8
123	Cannabinoid CB₁ and Cholecystokinin CCK₂ Receptors Modulate, in an Opposing Way, Electrically Evoked [³H]GABA Efflux from Rat Cerebral Cortex Cell Cultures: Possible Relevance for Cortical GABA Transmission and Anxiety. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 708-717.	1.3	7
124	GET73 modulates rat hippocampal glutamate transmission: evidence for a functional interaction with mGluR5. Pharmacological Reports, 2011, 63, 1359-1371.	1.5	7
125	Acute cocaine treatment enhances the antagonistic allosteric adenosine A2A-dopamine D2 receptorâ€“receptor interactions in rat dorsal striatum without increasing significantly extracellular dopamine levels. Pharmacological Reports, 2020, 72, 332-339.	1.5	7
126	Study of GPCR Homo- and Heteroreceptor Complexes in Specific Neuronal Cell Populations Using the In Situ Proximity Ligation Assay. Neuromethods, 2021, , 117-134.	0.2	4

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127	Evidence for an in vivo and in vitro modulation of endogenous cortical GABA release by Î±-glycerylphosphorylcholine. Neurochemical Research, 1996, 21, 547-552.	1.6	3
128	Detection, Analysis, and Quantification of GPCR Homo- and Heteroreceptor Complexes in Specific Neuronal Cell Populations Using the In Situ Proximity Ligation Assay. Neuromethods, 2018, , 299-315.	0.2	3
129	A simple integrator to process the electroencephalogram of small laboratory animals. Journal of Pharmacological Methods, 1987, 17, 219-229.	0.7	1
130	The Nigro-Striatal DA Neurons and Mechanisms of Their Degeneration in Parkinsonâ€™s Disease. , 2008, , 121-144.		1
131	Use of Superfused Synaptosomes to Understand the Role of Receptorâ€"Receptor Interactions as Integrative Mechanisms in Nerve Terminals from Selected Brain Region. Neuromethods, 2018, , 41-55.	0.2	1
132	Editorial [Hot Topic: Relevance of Integration at the Membrane Level of Receptor-Receptor Interactions in Neurodegenerative Diseases and Drug Addiction (Guest Editor: Sergio Tanganelli)]. Current Medicinal Chemistry, 2012, 19, 303-303.	1.2	0
133	Analysis and Quantification of GPCR Allosteric Receptorâ€"Receptor Interactions Using Radioligand Binding Assays: The A2AR-D2R Heteroreceptor Complex Example. Neuromethods, 2018, , 1-14.	0.2	0
134	In Vivo Microdialysis Technique Applications to Understand the Contribution of Receptorâ€"Receptor Interactions to the Central Nervous System Signaling. Neuromethods, 2018, , 91-107.	0.2	0