Renato Corradetti

List of Publications by Year
in descending order

94 papers	4,903 citations	147801 31 h-index	91884 69 g-index
100 all docs	100 docs citations	100 times ranked	4044 citing authors

#	Article	IF	Citations
1	Diet Prevents Social Stress-Induced Maladaptive Neurobehavioural and Gut Microbiota Changes in a Histamine-Dependent Manner. International Journal of Molecular Sciences, 2022, 23, 862.	4.1	7
2	Therapeutic Potential of Highly Selective A3 Adenosine Receptor Ligands in the Central and Peripheral Nervous System. Molecules, 2022, 27, 1890.	3.8	7
3	Dual inhibitory action of trazodone on dorsal raphe serotonergic neurons through 5-HT1A receptor partial agonism and Î±1-adrenoceptor antagonism. PLoS ONE, 2019, 14, e0222855.	2.5	13
4	Serotonin Deficiency Increases Context-Dependent Fear Learning Through Modulation of Hippocampal Activity. Frontiers in Neuroscience, 2019, 13, 245.	2.8	25
5	Differential modulation of CA1 impulse flow by endogenous serotonin along the hippocampal longitudinal axis. Hippocampus, 2018, 28, 217-225.	1.9	8
6	Increased functional coupling of 5-HT 1A autoreceptors to GIRK channels in Tph2 -/- mice. European Neuropsychopharmacology, 2017, 27, 1258-1267.	0.7	9
7	Direct imaging of APP proteolysis in living cells. PeerJ, 2017, 5, e3086.	2.0	7
8	Firing Properties of Genetically Identified Dorsal Raphe Serotonergic Neurons in Brain Slices. Frontiers in Cellular Neuroscience, 2016, 10, 195.	3.7	43
9	Purinergic signalling in brain ischemia. Neuropharmacology, 2016, 104, 105-130.	4.1	135
10	Brain Histamine Is Crucial for Selective Serotonin Reuptake Inhibitorsâ€˜ Behavioral and Neurochemical Effects. International Journal of Neuropsychopharmacology, 2015, 18, pyv045.	2.1	26
11	Brain plasticity and cognitive functions after ethanol consumption in C57BL/6J mice. Translational Psychiatry, 2015, 5, e696-e696.	4.8	57
12	Nonexocytotic serotonin release tonically suppresses serotonergic neuron activity. Journal of General Physiology, 2015, 145, 225-251.	1.9	23
13	Cellular resilience: 5-HT neurons in Tph2â^'/â^' mice retain normal firing behavior despite the lack of brain 5-HT. European Neuropsychopharmacology, 2015, 25, 2022-2035.	0.7	17
14	Endogenous serotonin facilitates hippocampal long-term potentiation at CA3/CA1 synapses. Journal of Neural Transmission, 2015, 122, 177-185.	2.8	20
15	Pharmacological Characterization of 5-HT1A Autoreceptor-Coupled GIRK Channels in Rat Dorsal Raphe 5-HT Neurons. PLoS ONE, 2015, 10, e0140369.	2.5	42
16	Suppression of Serotonin Neuron Firing Increases Aggression in Mice. Journal of Neuroscience, 2013, 33, 8678-8688.	3.6	95
17	Conservation of 5-HT1A receptor-mediated autoinhibition of serotonin (5-HT) neurons in mice with altered 5-HT homeostasis. Frontiers in Pharmacology, 2013, 4, 97.	3.5	25
18	Impaired Chemosensitivity of Mouse Dorsal Raphe Serotonergic Neurons Overexpressing Serotonin 1A (Htr1a) Receptors. PLoS ONE, 2012, 7, e45072.	2.5	9

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19	Impacts of Brain Serotonin Deficiency following Tph2 Inactivation on Development and Raphe Neuron Serotonergic Specification. PLoS ONE, 2012, 7, e43157.	2.5	95
20	Enhanced hippocampal long-term potentiation following repeated MDMA treatment in Darkâ€“Agouti rats. European Neuropsychopharmacology, 2011, 21, 80-91.	0.7	16
21	Consensus Document on European Brain Research. European Journal of Neuroscience, 2011, 33, 768-818.	2.6	29
22	P.2.004 Altered aggressive behaviour following genetic and pharmacological manipulation of serotonin autoinhibition. European Neuropsychopharmacology, 2010, 20, S31-S32.	0.7	0
23	Sporadic Autonomic Dysregulation and Death Associated with Excessive Serotonin Autoinhibition. Science, 2008, 321, 130-133.	12.6	90
24	MDMA Induces EPSPâ€“Spike Potentiation in Rat Ventral Hippocampus In Vitro Via Serotonin and Noradrenaline Release and Coactivation of 5-HT4 and Î²1 Receptors. Neuropsychopharmacology, 2008, 33, 1464-1475.	5.4	11
25	Role of adenosine A3 receptors on CA1 hippocampal neurotransmission during oxygenâ€“glucose deprivation episodes of different duration. Biochemical Pharmacology, 2007, 74, 768-779.	4.4	61
26	5â€HT4 receptor activation induces longâ€lasting EPSPâ€spike potentiation in CA1 pyramidal neurons. European Journal of Neuroscience, 2006, 24, 719-731.	2.6	36
27	A3 adenosine receptor antagonists delay irreversible synaptic failure caused by oxygen and glucose deprivation in the rat CA1 hippocampus in vitro. British Journal of Pharmacology, 2006, 147, 524-532.	5.4	71
28	Differential autoinhibition of 5-hydroxytryptamine neurons by 5-hydroxytryptamine in the dorsal raphe nucleus. NeuroReport, 2005, 16, 1351-1355.	1.2	18
29	Differential Effects of the 5-Hydroxytryptamine (5-HT)1A Receptor Inverse Agonists Rec 27/0224 and Rec 27/0074 on Electrophysiological Responses to 5-HT1A Receptor Activation in Rat Dorsal Raphe Nucleus and Hippocampus in Vitro. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 109-117.	2.5	11
30	Endogenous 5-HT, released by MDMA through serotonin transporter- and secretory vesicle-dependent mechanisms, reduces hippocampal excitatory synaptic transmission by preferential activation of 5-HT1B receptors located on CA1 pyramidal neurons. European Journal of Neuroscience, 2003, 18, 1559-1571.	2.6	40
31	Pharmacological characterization of 5-HT1B receptor-mediated inhibition of local excitatory synaptic transmission in the CA1 region of rat hippocampus. British Journal of Pharmacology, 2003, 138, 71-80.	5.4	30
32	Brief, repeated, oxygenâ€glucose deprivation episodes protect neurotransmission from a longer ischemic episode in the <i>in vitro</i> hippocampus: role of adenosine receptors. British Journal of Pharmacology, 2003, 140, 305-314.	5.4	89
33	Improvement in Fear Memory by Histamine-Elicited ERK2 Activation in Hippocampal CA3 Cells. Journal of Neuroscience, 2003, 23, 9016-9023.	3.6	103
34	Selective inhibition of local excitatory synaptic transmission by serotonin through an unconventional receptor in the CA1 region of rat hippocampus. Journal of Physiology, 2001, 534, 141-158.	2.9	13
35	Extracellular adenosine concentrations during in vitro ischaemia in rat hippocampal slices. British Journal of Pharmacology, 1999, 127, 729-739.	5.4	115
36	Effect of A2A adenosine receptor stimulation and antagonism on synaptic depression induced by in vitro ischaemia in rat hippocampal slices. British Journal of Pharmacology, 1999, 128, 1035-1044.	5.4	58

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37	Biochemical and electrophysiological studies on (S)-(+)-2-(3â€²-carboxybicyclo[1.1.1]pentyl)-glycine (CBPG), a novel mGlu5 receptor agonist endowed with mGlu1 receptor antagonist activity. Neuropharmacology, 1999, 38, 917-926.	4.1	50
38	Tryptophan Metabolism and Hepatic Encephalopathy. Advances in Experimental Medicine and Biology, 1999, , 155-167.	1.6	9
39	Tryptophan metabolism and hepatic encephalopathy. Studies on the sedative properties of oxindole. Advances in Experimental Medicine and Biology, 1999, 467, 155-67.	1.6	3
40	Antagonist properties of (âˆ’)-pindolol and WAY 100635 at somatodendritic and postsynaptic 5-HT1A receptors in the rat brain. British Journal of Pharmacology, 1998, 123, 449-462.	5.4	69
41	Effect of the selective 5-HT1A receptor antagonist WAY 100635 on the inhibition of e.p.s.ps produced by 5-HT in the CA1 region of rat hippocampal slices. British Journal of Pharmacology, 1998, 124, 93-100.	5.4	37
42	Electrophysiological studies on oxindole, a neurodepressant tryptophan metabolite. British Journal of Pharmacology, 1998, 125, 1751-1760.	5.4	15
43	Temporal correlation between adenosine outflow and synaptic potential inhibition in rat hippocampal slices during ischemia-like conditions. Brain Research, 1998, 794, 325-328.	2.2	48
44	Electrophysiological effects of felbamate. Life Sciences, 1998, 63, 1075-1088.	4.3	8
45	Effects of the antiepileptic drug felbamate on long-term potentiation in the CA1 region of rat hippocampal slices. Neuroscience Letters, 1996, 215, 21-24.	2.1	8
46	Therapeutic Potentials of Itasetron (DAU 6215), a Novel 5-HT3Receptor Antagonist, in the Treatment of Central Nervous System Disorders. CNS Neuroscience & Therapeutics, 1996, 2, 195-213.	4.0	5
47	Electrophysiological effects of N-(2-(4-(2-methoxyphenyl)-1-piperazinyl)ethyl)-N-(2-pyridinyl) cyclohexane carboxamide (WAY 100635) on dorsal raphe serotonergic neurons and CA1 hippocampal pyramidal cells in vitro. Journal of Pharmacology and Experimental Therapeutics, 1996, 278, 679-88.	2.5	45
48	Felbamate decreases synaptic transmission in the CA1 region of rat hippocampal slices. Journal of Pharmacology and Experimental Therapeutics, 1996, 279, 1100-8.	2.5	11
49	Electrophysiological effects of WAY 100635, a new 5-HT1A receptor antagonist, on dorsal raphe nucleus serotoninergic neurones and CA1 pyramidal cells in vitro. Acta Physiologica Hungarica, 1996, 84, 407-9.	0.9	1
50	Electrophysiological, biochemical, neurohormonal and behavioural studies with WAY-100635, a potent, selective and silent 5-HT1A receptor antagonist. Behavioural Brain Research, 1995, 73, 337-353.	2.2	461
51	Electrophysiological Interactions Between 5â€Hydroxytryptamine and Thyrotropin Releasing Hormone on Rat Hippocampal CA1 Neurons. European Journal of Neuroscience, 1994, 6, 953-960.	2.6	9
52	Effects of DAU 6215, a novel 5â€hydroxytryptamine₃ (5â€HT₃) antagonist on electrophysiological properties of the rat hippocampus. British Journal of Pharmacology, 1994, 112, 695-703.	5.4	45
53	Epsp-spike potentiation during primed burst-induced long-term potentiation in the ca1 region of rat hippocampal slices. Neuroscience, 1994, 62, 1021-1032.	2.3	22
54	B-50 Phosphorylation in Response to Different Patterns of Electrical Stimulation in Rat Hippocampal Slices. , 1993, , 163-170.		0

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55	Phosphorylation of the presynaptic protein B-50 (GAP-43) is increased during electrically induced long-term potentiation. Neuron, 1992, 8, 843-848.	8.1	167
56	Serotonin blocks the long-term potentiation induced by primed burst stimulation in the CA1 region of rat hippocampal slices. Neuroscience, 1992, 46, 511-518.	2.3	131
57	Primed burst-induced long-term potentiation: a more flexible model to study cognition enhancing activity of drugs?. Pharmacological Research, 1992, 26, 214.	7.1	4
58	Modulation of GABA-mediated Synaptic Potentials by Glutamatergic Agonists in Neonatal CA3 Rat Hippocampal Neurons. European Journal of Neuroscience, 1991, 3, 301-309.	2.6	31
59	The allosteric glycine site of the N-methyl-D-aspartate receptor modulates GABAergic-mediated synaptic events in neonatal rat CA3 hippocampal neurons.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 343-346.	7.1	61
60	Chapter 23 Chapter GABAergic mechanisms in the CA3 hippocampal region during early postnatal life. Progress in Brain Research, 1990, 83, 313-321.	1.4	23
61	GABA mediated excitation in immature rat CA3 hippocampal neurons. International Journal of Developmental Neuroscience, 1990, 8, 481-490.	1.6	161
62	5-hydroxytryptamine blocks the long-term potentiation induced by primed bursts in the CA1 region of rat hippocampal slices. Pharmacological Research, 1990, 22, 416.	7.1	1
63	Effect of the nootropic drug oxiracetam on field potentials of rat hippocampal slices. British Journal of Pharmacology, 1990, 99, 189-193.	5.4	38
64	GABA Mediated Synaptic Events in Neonatal Rat CA3 Pyramidal Neurons in Vitro: Modulation by NMDA and Non-NMDA Receptors. Advances in Experimental Medicine and Biology, 1990, 268, 151-159.	1.6	4
65	Giant synaptic potentials in immature rat CA3 hippocampal neurones.. Journal of Physiology, 1989, 416, 303-325.	2.9	1,156
66	The protein kinase C inhibitor 1â€(5â€isoquinolinesulphonyl)â€2â€methylpiperazine (Hâ€7) disinhibits CA1 pyramidal cells in rat hippocampal slices. British Journal of Pharmacology, 1989, 98, 1376-1382.	5.4	21
67	Oncogenes, protein kinase C, neuronal differentiation and memory. Neurochemistry International, 1989, 14, 1-9.	3.8	26
68	D-Aminophosphonovaleric acid-sensitive spontaneous giant EPSPs in immature rat hippocampal neurones. European Journal of Pharmacology, 1988, 154, 221-222.	3.5	13
69	Improvement of Parkinsonism after Withdrawing Long-Term Flunarizine Treatment. Annals of the New York Academy of Sciences, 1988, 522, 707-709.	3.8	0
70	Flunarizineâ€Induced Parkinsonism in the Elderly. Journal of Clinical Pharmacology, 1988, 28, 600-608.	2.0	22
71	GABA-receptor stimulation enhances norepinephrine-induced polyphosphoinositide metabolism in rat hippocampal slices. Brain Research, 1987, 411, 196-199.	2.2	24
72	Phospholipase C activation induced by noradrenaline in rat hippocampal slices is potentiated by GABA-receptor stimulation.. EMBO Journal, 1987, 6, 1595-1598.	7.8	15

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73	Phospholipase C activation induced by noradrenaline in rat hippocampal slices is potentiated by GABA-receptor stimulation. EMBO Journal, 1987, 6, 1595-8.	7.8	3
74	Chronic caffeine treatment reduces caffeine but not adenosine effects on cortical acetylcholine release. British Journal of Pharmacology, 1986, 88, 671-676.	5.4	20
75	Choline Fluxes to and from the Rat Cerebral Cortex Studied with the â€œCup Techniqueâ€•in Vivo. Advances in Behavioral Biology, 1986, , 817-825.	0.2	1
76	Pharmacological characterization of Dâ€•aminophosphonovaleric acid antagonism of amino acid and synaptically evoked excitations on frog motoneurones <i>in vitro</i>: an intracellular study. British Journal of Pharmacology, 1985, 86, 19-25.	5.4	21
77	Muscarinic mobilization of choline in rat cerebral cortex does not involve alterations of blood-brain barrier. Brain Research, 1985, 345, 306-314.	2.2	14
78	Disappearance of low affinity adenosine binding sites in aging rat cerebral cortex and hippocampus. Neuroscience Letters, 1984, 49, 143-146.	2.1	20
79	8-phenyltheophylline potentiates the electrical activity evoked in hippocampal slices. European Journal of Pharmacology, 1984, 103, 177-180.	3.5	12
80	Adenosine decreases aspartate and glutamate release from rat hippocampal slices. European Journal of Pharmacology, 1984, 104, 19-26.	3.5	334
81	Electrical Stimulation of the Stratum Radiatum Increases the Release and Neosynthesis of Aspartate, Glutamate, and ?-Aminobutyric Acid in Rat Hippocampal Slices. Journal of Neurochemistry, 1983, 41, 1518-1525.	3.9	70
82	Levels and Synthesis of Glutamate and Aspartate in the Olfactory Cortex Following Bulbectomy. Journal of Neurochemistry, 1983, 41, 135-138.	3.9	28
83	Effects of Inhibitors of GABA Metabolism and Transport on GABA Output from the Cerebral Cortex. , 1983, , 273-279.		0
84	Mobilization of cellular choline by stimulation of muscarine receptors in isolated chicken heart and rat cortex in vivo. Journal of Pharmacology and Experimental Therapeutics, 1983, 226, 826-32.	2.5	35
85	Physostigmine facilitates choline efflux from isolated heart and cortex in vivo. European Journal of Pharmacology, 1982, 85, 123-124.	3.5	22
86	EFFECTS OF 4â€•AMINOPYRIDINE ON ACETYLCHOLINE OUTPUT FROM THE CEREBRAL CORTEX OF THE RAT <i>in vivo</i>. British Journal of Pharmacology, 1982, 76, 439-445.	5.4	21
87	Acute subcortical lesions modify cortical muscarinic receptors in human brain. Neuroscience Letters, 1982, 34, 227-231.	2.1	4
88	The release of GABA from the cerebral cortex: a biochemical approach to monitoring the activity of cortical GABA neurons. Annali Dell'Istituto Superiore Di Sanita, 1982, 18, 49-52.	0.4	0
89	The release of endogenous GABA and glutamate from the cerebral cortex in the rat. Naunyn-Schmiedeberg's Archives of Pharmacology, 1981, 316, 235-239.	3.0	51
90	The release of GABA and glutamate from the cerebral cortex is an index of the activity of underlying aminoacidergic neurons. Advances in Biochemical Psychopharmacology, 1981, 27, 157-67.	0.1	1

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91	Pharmacological effects of benzodiazepines in the leech; Benzodiazepine and GABA receptors and GABA level. Pharmacological Research Communications, 1980, 12, 581-585.	0.2	3
92	Actylcholine output from the cerebral cortex, choline uptake and muscarinic receptors in morphine-dependent, freely-moving rats. Neuropharmacology, 1980, 19, 597-605.	4.1	26
93	A comparison of the effects of GABA, 3-aminopropanesulphonic acid and imidazoleacetic acid on the frog spinal cord. Neuropharmacology, 1978, 17, 13-19.	4.1	18
94	Projectome: Set up and testing of a High Performance Computational Infrastructure for processing and visualizing neuro-anatomical information obtained using confocal ultra-microscopy techniques. Frontiers in Neuroinformatics, 0, 8, .	2.5	0