

Roberto Rimondini

List of Publications by Year in descending order

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93
papers

5,887
citations

94381

37
h-index

74108

75
g-index

94
all docs

94
docs citations

94
times ranked

5928
citing authors

#	ARTICLE	IF	CITATIONS
1	L-Acetylcarnitine causes analgesia in mice modeling Fabry disease by up-regulating type-2 metabotropic glutamate receptors. <i>Molecular Pain</i> , 2022, 18, 174480692210870.	1.0	4
2	Impulse Control Disorders by Dopamine Partial Agonists: A Pharmacovigilance-Pharmacodynamic Assessment Through the FDA Adverse Event Reporting System. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 727-736.	1.0	15
3	Age-Related Cognitive and Motor Decline in a Mouse Model of CDKL5 Deficiency Disorder is Associated with Increased Neuronal Senescence and Death. , 2021, 12, 764.		16
4	Early post-natal life stress induces permanent adrenocorticotropin-dependent hypercortisolism in male mice. <i>Endocrine</i> , 2021, 73, 186-195.	1.1	4
5	Treatment with a GSK-3 β /HDAC Dual Inhibitor Restores Neuronal Survival and Maturation in an In Vitro and In Vivo Model of CDKL5 Deficiency Disorder. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5950.	1.8	10
6	A GABAB receptor antagonist rescues functional and structural impairments in the perirhinal cortex of a mouse model of CDKL5 deficiency disorder. <i>Neurobiology of Disease</i> , 2021, 153, 105304.	2.1	9
7	C57BL/6J and DBA/2J strains present opposite sex differences in flash visual evoked potential latency: A possible confusing factor in gender studies on neurological diseasesâ€™ transgenic models. <i>Brain Research Bulletin</i> , 2021, 176, 18-24.	1.4	0
8	Mechanical Nociception in Mice and Rats: Measurement with Automated von Frey Equipment. <i>Methods in Molecular Biology</i> , 2021, 2201, 195-198.	0.4	2
9	Astrocytic microdomains from mouse cortex gain molecular control over long-term information storage and memory retention. <i>Communications Biology</i> , 2021, 4, 1152.	2.0	9
10	Induction of a High in Rats and : Role of in Rats and. <i>Methods in Molecular Biology</i> , 2021, 2201, 247-251.	0.4	0
11	Pharmacotherapy with sertraline rescues brain development and behavior in a mouse model of CDKL5 deficiency disorder. <i>Neuropharmacology</i> , 2020, 167, 107746.	2.0	12
12	The Bacterial Toxin CNF1 Protects Human Neuroblastoma SH-SY5Y Cells against 6-Hydroxydopamine-Induced Cell Damage: The Hypothesis of CNF1-Promoted Autophagy as an Antioxidant Strategy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3390.	1.8	5
13	Timing of Treatment with the Flavonoid 7,8-DHF Critically Impacts on Its Effects on Learning and Memory in the Ts65Dn Mouse. <i>Antioxidants</i> , 2019, 8, 163.	2.2	15
14	Functional and Structural Impairments in the Perirhinal Cortex of a Mouse Model of CDKL5 Deficiency Disorder Are Rescued by a TrkB Agonist. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 169.	1.8	35
15	Cross-disease analysis of Alzheimerâ€™s disease and type-2 Diabetes highlights the role of autophagy in the pathophysiology of two highly comorbid diseases. <i>Scientific Reports</i> , 2019, 9, 3965.	1.6	66
16	Altered globotriaosylceramide accumulation and mucosal neuronal fiber density in the colon of the Fabry disease mouse model. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13529.	1.6	4
17	CDKL5 protein substitution therapy rescues neurological phenotypes of a mouse model of CDKL5 disorder. <i>Human Molecular Genetics</i> , 2018, 27, 1572-1592.	1.4	49
18	Treatment with the GSK-3 β inhibitor Tideglusib improves hippocampal development and memory performance in juvenile, but not adult, <i>Cdkl5</i> knockout mice. <i>European Journal of Neuroscience</i> , 2018, 47, 1054-1066.	1.2	33

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19	Heterozygous CDKL5 Knockout Female Mice Are a Valuable Animal Model for CDKL5 Disorder. <i>Neural Plasticity</i> , 2018, 2018, 1-18.	1.0	39
20	CSF tau is associated with impaired cortical plasticity, cognitive decline and astrocyte survival only in APOE4-positive Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 13728.	1.6	57
21	A flavonoid agonist of the TrkB receptor for BDNF improves hippocampal neurogenesis and hippocampus-dependent memory in the Ts65Dn mouse model of DS. <i>Experimental Neurology</i> , 2017, 298, 79-96.	2.0	50
22	Apolipoprotein E4 Elicits Lysosomal Cathepsin D Release, Decreased Thioredoxin-1 Levels, and Apoptosis. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 601-617.	1.2	31
23	HDAC4: a key factor underlying brain developmental alterations in CDKL5 disorder. <i>Human Molecular Genetics</i> , 2016, 25, 3887-3907.	1.4	77
24	Early effects of A β 1-42 oligomers injection in mice: Involvement of PI3K/Akt/GSK3 and MAPK/ERK1/2 pathways. <i>Behavioural Brain Research</i> , 2016, 314, 106-115.	1.2	57
25	Short- and long-term effects of neonatal pharmacotherapy with epigallocatechin-3-gallate on hippocampal development in the Ts65Dn mouse model of Down syndrome. <i>Neuroscience</i> , 2016, 333, 277-301.	1.1	60
26	Increased expression of Trpv1 in peripheral terminals mediates thermal nociception in Fabry disease mouse model. <i>Molecular Pain</i> , 2016, 12, 174480691666372.	1.0	28
27	Mesenchymal stromal cell-based therapy: Regulatory and translational aspects in gastroenterology. <i>World Journal of Gastroenterology</i> , 2016, 22, 9057.	1.4	9
28	Alterations in brain leptin signalling in spite of unchanged CSF leptin levels in Alzheimer's disease. <i>Aging Cell</i> , 2015, 14, 122-129.	3.0	56
29	Inhibition of GSK3 β rescues hippocampal development and learning in a mouse model of CDKL5 disorder. <i>Neurobiology of Disease</i> , 2015, 82, 298-310.	2.1	55
30	Long-term effects of neonatal treatment with fluoxetine on cognitive performance in Ts65Dn mice. <i>Neurobiology of Disease</i> , 2015, 74, 204-218.	2.1	44
31	Mechanical Nociception Measurement in Mice and Rats with Automated Von Frey Equipment. <i>Methods in Molecular Biology</i> , 2015, 1230, 229-231.	0.4	8
32	Induction of a High Alcohol Consumption in Rats and Mice: Role of Opioid Receptors. <i>Methods in Molecular Biology</i> , 2015, 1230, 309-312.	0.4	0
33	Pain Related Channels Are Differentially Expressed in Neuronal and Non-Neuronal Cells of Glabrous Skin of Fabry Knockout Male Mice. <i>PLoS ONE</i> , 2014, 9, e108641.	1.1	44
34	Human apolipoprotein E4 modulates the expression of Pin1, Sirtuin 1, and Presenilin 1 in brain regions of targeted replacement apoE mice. <i>Neuroscience</i> , 2014, 256, 360-369.	1.1	26
35	Different alcohol exposures induce selective alterations on the expression of dynorphin and nociceptin systems related genes in rat brain. <i>Addiction Biology</i> , 2013, 18, 425-433.	1.4	66
36	In Vitro Effects of a Chemically Modified Titanium Surface on Ethanol-Exposed Osteoblasts. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 1639-1647.	0.6	0

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37	CNF1 Increases Brain Energy Level, Counteracts Neuroinflammatory Markers and Rescues Cognitive Deficits in a Murine Model of Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e65898.	1.1	37
38	Combination of Apolipoprotein E4 and High Carbohydrate Diet Reduces Hippocampal BDNF and Arc Levels and Impairs Memory in Young Mice. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 341-355.	1.2	38
39	Excitotoxic lesion of the perirhinal cortex impairs spatial working memory in a delayed-alternation task. <i>Behavioural Brain Research</i> , 2012, 230, 349-354.	1.2	3
40	Dissociation of antidepressant-like activity of escitalopram and nortriptyline on behaviour and hippocampal BDNF expression in female rats. <i>Journal of Psychopharmacology</i> , 2011, 25, 1378-1387.	2.0	22
41	Long-term suppression of forebrain neurogenesis and loss of neuronal progenitor cells following prolonged alcohol dependence in rats. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 583-593.	1.0	73
42	Nicotinic Acetylcholine Receptors in the Mesolimbic Pathway: Primary Role of Ventral Tegmental Area $\alpha 6 \beta 2^*$ Receptors in Mediating Systemic Nicotine Effects on Dopamine Release, Locomotion, and Reinforcement. <i>Journal of Neuroscience</i> , 2010, 30, 5311-5325.	1.7	208
43	The Tyrosine Kinase Receptor RET Interacts in Vivo with Aryl Hydrocarbon Receptor-Interacting Protein to Alter Survivin Availability. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2571-2578.	1.8	64
44	Acute ethanol challenge inhibits glycogen synthase kinase-3 β in the rat prefrontal cortex. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 275.	1.0	23
45	Antimicrobial effect of MTAD, Tetraclean, Cloreximid, and sodium hypochlorite on three common endodontic pathogens. <i>Indian Journal of Dental Research</i> , 2009, 20, 391.	0.1	16
46	Chronic alcohol abuse and endosseous implants: Linkage of in vitro osteoblast dysfunction to titanium osseointegration rate. <i>Toxicology</i> , 2008, 243, 138-144.	2.0	14
47	Neuroplasticity in brain reward circuitry following a history of ethanol dependence. <i>European Journal of Neuroscience</i> , 2008, 27, 1912-1922.	1.2	82
48	PRECLINICAL STUDY: Long-lasting tolerance to alcohol following a history of dependence. <i>Addiction Biology</i> , 2008, 13, 26-30.	1.4	37
49	Upregulation of Voluntary Alcohol Intake, Behavioral Sensitivity to Stress, and Amygdala Crhr1 Expression Following a History of Dependence. <i>Biological Psychiatry</i> , 2008, 63, 139-145.	0.7	294
50	Olanzapine counteracts stress-induced anxiety-like behavior in rats. <i>Neuroscience Letters</i> , 2008, 438, 146-149.	1.0	26
51	Deletion of TrkB in adult progenitors alters newborn neuron integration into hippocampal circuits and increases anxiety-like behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15570-15575.	3.3	350
52	Modulation of voluntary ethanol consumption by beta-arrestin 2. <i>FASEB Journal</i> , 2008, 22, 2552-2560.	0.2	39
53	Genetic Impairment of Frontocortical Endocannabinoid Degradation and High Alcohol Preference. <i>Neuropsychopharmacology</i> , 2007, 32, 117-126.	2.8	147
54	Comparative Evaluation of Antimicrobial Efficacy of Sodium Hypochlorite, MTAD, and Tetraclean Against <i>Enterococcus faecalis</i> Biofilm. <i>Journal of Endodontics</i> , 2007, 33, 852-855.	1.4	116

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55	Water T-maze, an improved method to assess spatial working memory in rats: Pharmacological validation. <i>Neuroscience Letters</i> , 2007, 422, 213-216.	1.0	27
56	Buprenorphine Reduces Alcohol Drinking Through Activation of the Nociceptin/Orphanin FQ-NOP Receptor System. <i>Biological Psychiatry</i> , 2007, 61, 4-12.	0.7	85
57	Plasticity and impact of the central renin-angiotensin system during development of ethanol dependence. <i>Journal of Molecular Medicine</i> , 2007, 85, 1089-1097.	1.7	19
58	Intermittent exposure to ethanol vapor affects osteoblast behaviour more severely than estrogen deficiency does. <i>Toxicology</i> , 2007, 237, 168-176.	2.0	18
59	An ionotropic but not a metabotropic glutamate agonist potentiates the pharmacological effects of olanzapine in the rat. <i>Behavioural Pharmacology</i> , 2005, 16, 635-642.	0.8	2
60	Suppression of ethanol self-administration by the neuropeptide Y (NPY) Y2 receptor antagonist BIIE0246: evidence for sensitization in rats with a history of dependence. <i>Neuroscience Letters</i> , 2005, 375, 129-133.	1.0	84
61	Corticotropin-Releasing Hormone (CRH) mRNA Expression in Rat Central Amygdala in Cannabinoid Tolerance and Withdrawal: Evidence for an Allostatic Shift?. <i>Neuropsychopharmacology</i> , 2004, 29, 15-22.	2.8	36
62	c-fos antisense oligonucleotides increase firing rate of striatal neurons in the anaesthetized rat. <i>Brain Research</i> , 2004, 1000, 192-194.	1.1	4
63	Persistent behavioral and autonomic supersensitivity to stress following prenatal stress exposure in rats. <i>Behavioural Brain Research</i> , 2003, 140, 75-80.	1.2	37
64	Behavioural analysis of melanin-concentrating hormone in rats: evidence for orexigenic and anxiolytic properties. <i>Regulatory Peptides</i> , 2003, 114, 109-114.	1.9	55
65	A temporal threshold for induction of persistent alcohol preference: behavioral evidence in a rat model of intermittent intoxication.. <i>Journal of Studies on Alcohol and Drugs</i> , 2003, 64, 445-449.	2.4	87
66	Long-lasting increase in voluntary ethanol consumption and transcriptional regulation in the rat brain after intermittent exposure to alcohol. <i>FASEB Journal</i> , 2002, 16, 27-35.	0.2	306
67	Anxiogenic-like action of centrally administered glucagon-like peptide-1 in a punished drinking test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002, 26, 119-122.	2.5	43
68	Altered gene expression of Na ⁺ /Ca ²⁺ exchanger isoforms NCX1, NCX2 and NCX3 in chronic ischemic rat brain. <i>Neuroscience Letters</i> , 2002, 332, 21-24.	1.0	9
69	Leptin suppression of hypothalamic NPY expression and feeding, but not amygdala NPY expression and experimental anxiety. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 71, 425-430.	1.3	18
70	Adenosine/dopamine interaction: implications for the treatment of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2001, 7, 235-241.	1.1	118
71	Differential Expression of NPY and Its Receptors in Alcohol-Preferring AA and Alcohol-Avoiding ANA Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 1564-1569.	1.4	81
72	Local 5,7-Dihydroxytryptamine Lesions of Rat Amygdala Release of Punished Drinking, Unaffected Plus-Maze Behavior and Ethanol Consumption. <i>Neuropsychopharmacology</i> , 2001, 24, 430-440.	2.8	41

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73	Behavioral insensitivity to restraint stress, absent fear suppression of behavior and impaired spatial learning in transgenic rats with hippocampal neuropeptide Y overexpression. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12852-12857.	3.3	289
74	Stimulation of adenosine A1 receptors attenuates dopamine D1 receptor-mediated increase of NGFI-A, c-fos and jun-B mRNA levels in the dopamine-denervated striatum and dopamine D1 receptor-mediated turning behaviour. European Journal of Neuroscience, 1999, 11, 3884-3892.	1.2	30
75	Adenosine A2A and group I metabotropic glutamate receptors synergistically modulate the binding characteristics of dopamine D2 receptors in the rat striatum. Neuropharmacology, 1999, 38, 129-140.	2.0	82
76	Multiple intramembrane receptor-receptor interactions in the regulation of striatal dopamine D2 receptors. NeuroReport, 1999, 10, 2051-2054.	0.6	21
77	Age-related alteration of the adenosine/dopamine balance in the rat striatum. Brain Research, 1998, 795, 297-300.	1.1	29
78	Atypical neuromodulatory profile of glutapyrone, a representative of a novel 'class' of amino acid-containing dipeptide-mimicking 1,4-dihydropyridine (DHP) compounds: in vitro and in vivo studies. European Neuropsychopharmacology, 1998, 8, 329-347.	0.3	29
79	Acetylcholine receptors containing the $\beta 2$ subunit are involved in the reinforcing properties of nicotine. Nature, 1998, 391, 173-177.	13.7	1,239
80	Differential effects of selective adenosine A1 and A2A receptor agonists on dopamine receptor agonist-induced behavioural responses in rats. European Journal of Pharmacology, 1998, 347, 153-158.	1.7	77
81	Endothelin-1 induced lesions of the frontoparietal cortex of the rat. A possible model of focal cortical ischemia. NeuroReport, 1997, 8, 2623-2629.	0.6	97
82	EFFECTS OF COMPETITIVE AND NON-COMPETITIVE NMDA RECEPTOR ANTAGONISTS ON BEHAVIORAL RESPONSES INDUCED BY 7-OH-DPAT AND QUINPIROLE IN RATS. Pharmacological Research, 1997, 36, 203-209.	3.1	6
83	Adenosine A2A Agonists: A Potential New Type of Atypical Antipsychotic. Neuropsychopharmacology, 1997, 17, 82-91.	2.8	149
84	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
85	The secretory trypsin inhibitor like-peptide, PEC-60 increases dopamine D2 receptor agonist induced inhibition of GABA release in the dorsolateral neostriatum of the awake freely moving rat. An in vivo microdialysis study. Regulatory Peptides, 1996, 61, 111-117.	1.9	6
86	Intrastriatally injected c-fos antisense oligonucleotide interferes with striatonigral but not striatopallidal A -aminobutyric acid transmission in the conscious rat. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14134-14139.	3.3	43
87	Effect of NMDA receptor antagonists on D1, D2 and D1/D2 mediated behaviors in intact rats. Psychopharmacology, 1996, 123, 187-190.	1.5	15
88	The competitive NMDA antagonists CGP 43487 and APV potentiate dopaminergic function. Psychopharmacology, 1995, 118, 310-315.	1.5	10
89	D-Cycloserine decreases both D1 and D2 dopamine receptors number and their function in rat brain. Pharmacology Biochemistry and Behavior, 1994, 48, 351-356.	1.3	7
90	The NMDA positive modulator d-cycloserine inhibits dopamine-mediated behaviors in the rat. Neuropharmacology, 1994, 33, 55-59.	2.0	19

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91	PEC-60 increases dopamine but not GABA release in the dorsolateral neostriatum of the halothane anaesthetized rat. An in vivo microdialysis study. <i>Neuroscience Letters</i> , 1994, 177, 53-57.	1.0	13
92	Repeated administrations of (α^*)-deprenyl increase [3 H]MK801 binding in rat brain and antagonize the impairment of passive avoidance conditioning induced by receptor antagonists. <i>Neuroscience Letters</i> , 1994, 165, 113-116.	1.0	5
93	The modulation of dopaminergic transmission in the striatum by MK-801 is independent of presynaptic mechanisms. <i>Neuropharmacology</i> , 1992, 31, 1111-1114.	2.0	28