Giovanni Laviola

List of Publications by Year in Descending Order

234 papers	10,066 citations	52 h-index	88 g-index
247 ext. papers	10,880 ext. citations	4.7 avg, IF	6.06 L-index

#	Paper	IF	Citations
234	The presence of a potential competitor modulates risk preferences in rats.. *Behavioural Processes*, **2022**, 196, 104602	1.6	
233	DAT-truncated epigenetics: heterozigosity of the grand-mother rat temperates the vulnerable phenotype in second-generation offspring.. *International Journal of Developmental Neuroscience*, **2022**,	2.7	1
232	"Himalayan Bridge": A New Unstable Suspended Bridge to Investigate RodentsRVenturesome Behavior. *Frontiers in Behavioral Neuroscience*, **2021**, 15, 637074	3.5	1
231	Aberrant Early in Life Stimulation of the Stress-Response System Affects Emotional Contagion and Oxytocin Regulation in Adult Male Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
230	Treatment with the Bacterial Toxin CNF1 Selectively Rescues Cognitive and Brain Mitochondrial Deficits in a Female Mouse Model of Rett Syndrome Carrying a MeCP2-Null Mutation. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
229	Social Interactions of Dat-Het Epi-Genotypes Differing for Maternal Origins: The Development of a New Preclinical Model of Socio-Sexual Apathy. *Biomedicines*, **2021**, 9,	4.8	2
228	Stimulation of the Serotonin Receptor 7 Restores Brain Histone H3 Acetylation and MeCP2 Corepressor Protein Levels in a Female Mouse Model of Rett Syndrome. *Journal of Neuropathology and Experimental Neurology*, **2021**, 80, 265-273	3.1	1
227	Callous unemotional trait-like mice and their stressed dams. *Psychoneuroendocrinology*, **2021**, 131, 105296	3.6	2
226	Anti-dopamine D2 receptor antibodies in chronic tic disorders. *Developmental Medicine and Child Neurology*, **2020**, 62, 1205-1212	3.3	10
225	Striatal dynamics as determinants of reduced gambling vulnerability in the NHE rat model of ADHD. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2020**, 100, 109886	5.5	3
224	Anatomical and behavioral impact of a lentiviral tool tapping onto hippocampal serotonin reuptake in rats. *Synapse*, **2020**, 74, e22138	2.4	
223	Antibodies to neuronal surface proteins in Tourette Syndrome: Lack of evidence in a European paediatric cohort. *Brain, Behavior, and Immunity*, **2019**, 81, 665-669	16.6	14
222	Brain-Immune Alterations and Mitochondrial Dysfunctions in a Mouse Model of Paediatric Autoimmune Disorder Associated with Streptococcus: Exacerbation by Chronic Psychosocial Stress. *Journal of Clinical Medicine*, **2019**, 8,	5.1	1
221	Reduced adolescent risk-assessment and lower nicotinic beta-2 expression in rats exposed to nicotine through lactation by forcedly drinking dams. *Neuroscience*, **2019**, 413, 64-76	3.9	4
220	Rett syndrome before regression: A time window of overlooked opportunities for diagnosis and intervention. *Neuroscience and Biobehavioral Reviews*, **2019**, 107, 115-135	9	14
219	Methylphenidate administration promotes sociability and reduces aggression in a mouse model of callousness. *Psychopharmacology*, **2019**, 236, 2593-2611	4.7	5
218	Towards a consensus on developmental regression. *Neuroscience and Biobehavioral Reviews*, **2019**, 107, 3-5	9	7

217	Rescue of prepulse inhibition deficit and brain mitochondrial dysfunction by pharmacological stimulation of the central serotonin receptor 7 in a mouse model of CDKL5 Deficiency Disorder. *Neuropharmacology*, **2019**, 144, 104-114	5.5	22
216	Novelty-related behavior of young and adult dopamine transporter knockout rats: Implication for cognitive and emotional phenotypic patterns. *Genes, Brain and Behavior*, **2018**, 17, e12463	3.6	19
215	Pronounced Hyperactivity, Cognitive Dysfunctions, and BDNF Dysregulation in Dopamine Transporter Knock-out Rats. *Journal of Neuroscience*, **2018**, 38, 1959-1972	6.6	82
214	Social modulation of risky decision-making in rats (Rattus norvegicus) and tufted capuchin monkeys (Sapajus spp.). *Behavioural Brain Research*, **2018**, 347, 37-48	3.4	9
213	Can laboratory animals violate behavioural norms? Towards a preclinical model of conduct disorder. *Neuroscience and Biobehavioral Reviews*, **2018**, 91, 102-111	9	5
212	Potential for diagnosis versus therapy monitoring of attention deficit hyperactivity disorder: a new epigenetic biomarker interacting with both genotype and auto-immunity. *European Child and Adolescent Psychiatry*, **2018**, 27, 241-252	5.5	30
211	Chronic treatment with the phytocannabinoid Cannabidivarin (CBDV) rescues behavioural alterations and brain atrophy in a mouse model of Rett syndrome. *Neuropharmacology*, **2018**, 140, 121-129	5.5	34
210	Behavioral Phenotyping of Dopamine Transporter Knockout Rats: Compulsive Traits, Motor Stereotypies, and Anhedonia. *Frontiers in Psychiatry*, **2018**, 9, 43	5	49
209	Inside the Developing Brain to Understand Teen Behavior From Rat Models: Metabolic, Structural, and Functional-Connectivity Alterations Among Limbic Structures Across Three Pre-adolescent Stages. *Frontiers in Behavioral Neuroscience*, **2018**, 12, 208	3.5	6
208	Intranasal oxytocin administration promotes emotional contagion and reduces aggression in a mouse model of callousness. *Neuropharmacology*, **2018**, 143, 250-267	5.5	26
207	Neonatal corticosterone mitigates autoimmune neuropsychiatric disorders associated with streptococcus in mice. *Scientific Reports*, **2018**, 8, 10188	4.9	10
206	Proof of nicotine transfer to rat pups through maternal breast feeding to evaluate the neurobehavioral consequences of nicotine exposure. *Annali Dell'Istituto Superiore Di Sanita*, **2018**, 54, 176-184	1.6	1
205	Stimulation of the brain serotonin receptor 7 rescues mitochondrial dysfunction in female mice from two models of Rett syndrome. *Neuropharmacology*, **2017**, 121, 79-88	5.5	31
204	Internet Addiction in adolescence: Neurobiological, psychosocial and clinical issues. *Neuroscience and Biobehavioral Reviews*, **2017**, 76, 174-184	9	125
203	Low empathy-like behaviour in male mice associates with impaired sociability, emotional memory, physiological stress reactivity and variations in neurobiological regulations. *PLoS ONE*, **2017**, 12, e0188907	3.7	26
202	Persistent Unresolved Inflammation in the -308 Female Mutated Mouse Model of Rett Syndrome. *Mediators of Inflammation*, **2017**, 2017, 9467819	4.3	12
201	LP-211, a selective 5-HT receptor agonist, increases novelty-preference and promotes risk-prone behavior in rats. *Synapse*, **2017**, 71, e21995	2.4	11
200	Enhanced limbic/impaired cortical-loop connection onto the hippocampus of NHE rats: Application of resting-state functional connectivity in a preclinical ADHD model. *Behavioural Brain Research*, **2017**, 333, 171-178	3.4	3

199	Down-regulation of serotonin and dopamine transporter genes in individual rats expressing a gambling-prone profile: A possible role for epigenetic mechanisms. *Neuroscience*, **2017**, 340, 101-116	3.9	13
198	Polymorphism of the 3RUTR of the dopamine transporter gene (DAT) in New World monkeys. *Primates*, **2017**, 58, 169-178	1.7	8
197	Interleukin-18 modulation in autism spectrum disorders. *Journal of Neuroinflammation*, **2016**, 13, 2	10.1	19
196	Genes and sex hormones interaction in neurodevelopmental disorders. *Neuroscience and Biobehavioral Reviews*, **2016**, 67, 9-24	9	20
195	Disrupted Circadian Rhythm as a Common Player in Developmental Models of Neuropsychiatric Disorders. *Current Topics in Behavioral Neurosciences*, **2016**, 29, 155-181	3.4	11
194	Pediatric Autoimmune Disorders Associated with Streptococcal Infections and TouretteR Syndrome in Preclinical Studies. *Frontiers in Neuroscience*, **2016**, 10, 310	5.1	11
193	The subjective value of probabilistic outcomes: Impact of reward magnitude on choice with uncertain rewards in rats. *Neuroscience Letters*, **2016**, 617, 225-31	3.3	12
192	Commentary on the special issue "The Adolescent Brain": How can we run operant paradigms in a preclinical adolescent model? Technical tips and future perspectives. *Neuroscience and Biobehavioral Reviews*, **2016**, 70, 323-328	9	3
191	Mitochondrial free radical overproduction due to respiratory chain impairment in the brain of a mouse model of Rett syndrome: protective effect of CNF1. *Free Radical Biology and Medicine*, **2015**, 83, 167-77	7.8	54
190	Interaction between the endocannabinoid and serotonergic system in the exhibition of head twitch response in four mouse strains. *Neurotoxicity Research*, **2015**, 27, 275-83	4.3	12
189	Modulation of Rho GTPases rescues brain mitochondrial dysfunction, cognitive deficits and aberrant synaptic plasticity in female mice modeling Rett syndrome. *European Neuropsychopharmacology*, **2015**, 25, 889-901	1.2	37
188	Persistent modification of forebrain networks and metabolism in rats following adolescent exposure to a 5-HT7 receptor agonist. *Psychopharmacology*, **2015**, 232, 75-89	4.7	29
187	Mice repeatedly exposed to Group-A Haemolytic Streptococcus show perseverative behaviors, impaired sensorimotor gating, and immune activation in rostral diencephalon. *Scientific Reports*, **2015**, 5, 13257	4.9	22
186	Stimulation of 5-HT7 receptor during adolescence determines its persistent upregulation in adult rat forebrain areas. *Synapse*, **2015**, 69, 533-42	2.4	9
185	Long-lasting beneficial effects of central serotonin receptor 7 stimulation in female mice modeling Rett syndrome. *Frontiers in Behavioral Neuroscience*, **2015**, 9, 86	3.5	34
184	Potential Therapeutic Value of a Novel FAAH Inhibitor for the Treatment of Anxiety. *PLoS ONE*, **2015**, 10, e0137034	3.7	36
183	Deficient Purposeful Use of Forepaws in Female Mice Modelling Rett Syndrome. *Neural Plasticity*, **2015**, 2015, 326184	3.3	12
182	Detection of auto-antibodies to DAT in the serum: interactions with DAT genotype and psycho-stimulant therapy for ADHD. *Journal of Neuroimmunology*, **2015**, 278, 212-22	3.5	30

181	Effects of neonatal corticosterone and environmental enrichment on retinal ERK1/2 and CREB phosphorylation in adult mice. *Experimental Eye Research*, **2014**, 128, 109-13	3.7	3
180	Prenatal corticosterone and adolescent URB597 administration modulate emotionality and CB1 receptor expression in mice. *Psychopharmacology*, **2014**, 231, 2131-44	4.7	13
179	Aberrant Behavioral and Neurobiologic Profiles in Rodents Exposed to Ethanol or Red Wine Early in Development. *Current Developmental Disorders Reports*, **2014**, 1, 173-180	1.9	9
178	Aberrant Rho GTPases signaling and cognitive dysfunction: in vivo evidence for a compelling molecular relationship. *Neuroscience and Biobehavioral Reviews*, **2014**, 46 Pt 2, 285-301	9	18
177	Oxidative brain damage in Mecp2-mutant murine models of Rett syndrome. *Neurobiology of Disease*, **2014**, 68, 66-77	7.5	86
176	A behavioural test battery to investigate tic-like symptoms, stereotypies, attentional capabilities, and spontaneous locomotion in different mouse strains. *Behavioural Brain Research*, **2014**, 267, 95-105	3.4	12
175	Modulatory effects following subchronic stimulation of brain 5-HT7-R system in mice and rats. *Reviews in the Neurosciences*, **2014**, 25, 383-400	4.7	14
174	Selective agonists for serotonin 7 (5-HT7) receptor and their applications in preclinical models: an overview. *Reviews in the Neurosciences*, **2014**, 25, 401-15	4.7	38
173	Nonhuman gamblers: lessons from rodents, primates, and robots. *Frontiers in Behavioral Neuroscience*, **2014**, 8, 33	3.5	24
172	Differential responses to acute administration of a new 5-HT7-R agonist as a function of adolescent pre-treatment: phMRI and immuno-histochemical study. *Frontiers in Behavioral Neuroscience*, **2014**, 8, 427	3.5	6
171	Mapping pathological phenotypes in reelin mutant mice. *Frontiers in Pediatrics*, **2014**, 2, 95	3.4	21
170	Pharmacological stimulation of the brain serotonin receptor 7 as a novel therapeutic approach for Rett syndrome. *Neuropsychopharmacology*, **2014**, 39, 2506-18	8.7	52
169	Individual differences in gambling proneness among rats and common marmosets: an automated choice task. *BioMed Research International*, **2014**, 2014, 927685	3	9
168	Emotional and risk seeking behavior after prepuberal subchronic or adult acute stimulation of 5-HT7-Rs in Naples High Excitability rats. *Synapse*, **2014**, 68, 159-67	2.4	18
167	Nicotine exposure during adolescence: cognitive performance and brain gene expression in adult heterozygous reeler mice. *Psychopharmacology*, **2014**, 231, 1775-87	4.7	6
166	Prepuberal stimulation of 5-HT7-R by LP-211 in a rat model of hyper-activity and attention-deficit: permanent effects on attention, brain amino acids and synaptic markers in the fronto-striatal interface. *PLoS ONE*, **2014**, 9, e83003	3.7	18
165	Genetic Modeling and Neurobehavioral Disorders: Focus on Autism **2014**, 1739-1753		
164	Behavioral responses to acute and sub-chronic administration of the synthetic cannabinoid JWH-018 in adult mice prenatally exposed to corticosterone. *Neurotoxicity Research*, **2013**, 24, 15-28	4.3	15

163	Individual differences in choice (in)flexibility but not impulsivity in the common marmoset: an automated, operant-behavior choice task. *Behavioural Brain Research*, **2013**, 256, 554-63	3.4	10
162	Animal models recapitulating the multifactorial origin of Tourette syndrome. *International Review of Neurobiology*, **2013**, 112, 211-37	4.4	20
161	Impulsivity and home-cage activity are decreased by lentivirus-mediated silencing of serotonin transporter in the rat hippocampus. *Neuroscience Letters*, **2013**, 548, 38-43	3.3	10
160	Neonatal tryptophan depletion and corticosterone supplementation modify emotional responses in adult male mice. *Psychoneuroendocrinology*, **2013**, 38, 24-39	5	25
159	Novel highly potent serotonin 5-HT7 receptor ligands: structural modifications to improve pharmacokinetic properties. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 6083-6	2.9	5
158	Gambling proneness in rats during the transition from adolescence to young adulthood: a home-cage method. *Neuropharmacology*, **2013**, 67, 444-54	5.5	18
157	Neonatal exposure to low dose corticosterone persistently modulates hippocampal mineralocorticoid receptor expression and improves locomotor/exploratory behaviour in a mouse model of Rett syndrome. *Neuropharmacology*, **2013**, 68, 174-83	5.5	23
156	Rett syndrome treatment in mouse models: searching for effective targets and strategies. *Neuropharmacology*, **2013**, 68, 106-15	5.5	38
155	Nicotine restores Wt-like levels of reelin and GAD67 gene expression in brain of heterozygous reeler mice. *Neurotoxicity Research*, **2013**, 24, 205-15	4.3	12
154	Theoretical and practical considerations behind the use of laboratory animals for the study of Tourette syndrome. *Neuroscience and Biobehavioral Reviews*, **2013**, 37, 1085-100	9	20
153	Emotional, endocrine and brain anandamide response to social challenge in infant male rats. *Psychoneuroendocrinology*, **2013**, 38, 2152-62	5	14
152	The Directive 2010/63/EU on animal experimentation may skew the conclusions of pharmacological and behavioural studies. *Scientific Reports*, **2013**, 3, 2380	4.9	22
151	Characterization of neonatal vocal and motor repertoire of reelin mutant mice. *PLoS ONE*, **2013**, 8, e64407	3.7	35
150	NGF and BDNF long-term variations in the thyroid, testis and adrenal glands of a mouse model of fetal alcohol spectrum disorders. *Annali Dell'Istituto Superiore Di Sanita*, **2013**, 49, 383-90	1.6	13
149	Adaptive and Maladaptive Regulations in Response to Environmental Stress in Adolescent Rodents **2013**, 243-256		
148	Critical Age Windows for Neurodevelopmental Psychiatric Disorders: Evidence from Animal Models **2013**, 327-348		
147	Modulation of RhoGTPases improves the behavioral phenotype and reverses astrocytic deficits in a mouse model of Rett syndrome. *Neuropsychopharmacology*, **2012**, 37, 1152-63	8.7	81
146	Early exposure to ethanol or red wine and long-lasting effects in aged mice. A study on nerve growth factor, brain-derived neurotrophic factor, hepatocyte growth factor, and vascular endothelial growth factor. *Neurobiology of Aging*, **2012**, 33, 359-67	5.6	35

145	Modulatory effects of two novel agonists for serotonin receptor 7 on emotion, motivation and circadian rhythm profiles in mice. *Neuropharmacology*, **2012**, 62, 833-42	5.5	55
144	Compromised decision-making and increased gambling proneness following dietary serotonin depletion in rats. *Neuropharmacology*, **2012**, 62, 1640-50	5.5	49
143	Immunization with DAT fragments is associated with long-term striatal impairment, hyperactivity and reduced cognitive flexibility in mice. *Behavioral and Brain Functions*, **2012**, 8, 54	4.1	12
142	Insulin receptor β-subunit haploinsufficiency impairs hippocampal late-phase LTP and recognition memory. *NeuroMolecular Medicine*, **2012**, 14, 262-9	4.6	51
141	Prenatal stress and peripubertal stimulation of the endocannabinoid system differentially regulate emotional responses and brain metabolism in mice. *PLoS ONE*, **2012**, 7, e41821	3.7	14
140	Choice with delayed or uncertain reinforcers in rats: influence of timeout duration and session length. *Synapse*, **2012**, 66, 792-806	2.4	15
139	Monomorphic region of the serotonin transporter promoter gene in New World monkeys. *American Journal of Primatology*, **2012**, 74, 1028-34	2.5	7
138	Brain processes in discounting: consequences of adolescent methylphenidate exposure. *Current Topics in Behavioral Neurosciences*, **2012**, 9, 113-43	3.4	16
137	The endocannabinoid system in the regulation of emotions throughout lifespan: a discussion on therapeutic perspectives. *Journal of Psychopharmacology*, **2012**, 26, 150-63	4.6	41
136	Critical Age Windows for Neurodevelopmental Psychiatric Disorders: Evidence from Animal Models **2012**, 275-296		2
135	Differential response to specific 5-Ht(7) versus whole-serotonergic drugs in rat forebrains: a phMRI study. *NeuroImage*, **2011**, 58, 885-94	7.9	23
134	Social encounter with a novel partner in adolescent rats: activation of the central endocannabinoid system. *Behavioural Brain Research*, **2011**, 220, 140-5	3.4	29
133	Cholinergic hypofunction in MeCP2-308 mice: beneficial neurobehavioural effects of neonatal choline supplementation. *Behavioural Brain Research*, **2011**, 221, 623-9	3.4	47
132	Effects of maternal L-tryptophan depletion and corticosterone administration on neurobehavioral adjustments in mouse dams and their adolescent and adult daughters. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2011**, 35, 1479-92	5.5	19
131	Critical age windows for neurodevelopmental psychiatric disorders: evidence from animal models. *Neurotoxicity Research*, **2011**, 19, 286-307	4.3	101
130	Early-stress regulates resilience, vulnerability and experimental validity in laboratory rodents through mother-offspring hormonal transfer. *Neuroscience and Biobehavioral Reviews*, **2011**, 35, 1534-43	9	100
129	Neurobehavioral adaptations to methylphenidate: the issue of early adolescent exposure. *Neuroscience and Biobehavioral Reviews*, **2011**, 35, 1722-39	9	78
128	Longitudinal effects of environmental enrichment on behaviour and physiology of pigs reared on an intensive-stock farm. *Italian Journal of Animal Science*, **2011**, 10, e52	2.2	7

127	Early postnatal behavioral changes in the Mecp2-308 truncation mouse model of Rett syndrome. *Genes, Brain and Behavior*, **2010**, 9, 213-23	3.6	116
126	Cognitive impulsivity in animal models: role of response time and reinforcing rate in delay intolerance with two-choice operant tasks. *Neuropharmacology*, **2010**, 58, 694-701	5.5	15
125	Investigating Rett Syndrome Through Genetic Mouse Models: Presymptomatic, Clearly Symptomatic Phases, and Innovative Therapeutic Approaches. *Neuromethods*, **2010**, 151-178	0.4	2
124	Social withdrawal and gambling-like profile after lentiviral manipulation of DAT expression in the rat accumbens. *International Journal of Neuropsychopharmacology*, **2010**, 13, 1329-42	5.8	27
123	Abnormal behavioral and neurotrophic development in the younger sibling receiving less maternal care in a communal nursing paradigm in rats. *Psychoneuroendocrinology*, **2010**, 35, 392-402	5	48
122	Perseverative responding and neuroanatomical alterations in adult heterozygous reeler mice are mitigated by neonatal estrogen administration. *Psychoneuroendocrinology*, **2010**, 35, 1374-87	5	45
121	A trouble shared is a trouble halved: social context and status affect pain in mouse dyads. *PLoS ONE* , **2009**, 4, e4143	3.7	22
120	Long-term consequences of URB597 administration during adolescence on cannabinoid CB1 receptor binding in brain areas. *Brain Research*, **2009**, 1257, 25-31	3.7	32
119	Peculiar response to methylphenidate in adolescent compared to adult rats: a phMRI study. *Psychopharmacology*, **2009**, 203, 143-53	4.7	30
118	Methylphenidate to adolescent rats drives enduring changes of accumbal Htr7 expression: implications for impulsive behavior and neuronal morphology. *Genes, Brain and Behavior*, **2009**, 8, 356-68	3.6	65
117	Detrimental psychophysiological effects of early maternal deprivation in adolescent and adult rodents: altered responses to cannabinoid exposure. *Neuroscience and Biobehavioral Reviews*, **2009**, 33, 498-507	9	69
116	Gene-environment interaction during early development in the heterozygous reeler mouse: clues for modelling of major neurobehavioral syndromes. *Neuroscience and Biobehavioral Reviews*, **2009**, 33, 560-72	9	64
115	The application of Russell and Burch 3R principle in rodent models of neurodegenerative disease: the case of Parkinson's disease. *Neuroscience and Biobehavioral Reviews*, **2009**, 33, 18-32	9	36
114	Home cage testing of delay discounting in rats. *Behavior Research Methods*, **2009**, 41, 1169-76	6.1	26
113	Gender differences in delay-discounting under mild food restriction. *Behavioural Brain Research*, **2009**, 200, 134-43	3.4	44
112	Increased impulsive behavior and risk proneness following lentivirus-mediated dopamine transporter over-expression in rats' nucleus accumbens. *Neuroscience*, **2009**, 159, 47-58	3.9	76
111	Resilience and vulnerability are dose-dependently related to neonatal stressors in mice. *Hormones and Behavior*, **2009**, 56, 391-8	3.7	57
110	Early exposure to ethanol but not red wine at the same alcohol concentration induces behavioral and brain neurotrophin alterations in young and adult mice. *NeuroToxicology*, **2009**, 30, 59-71	4.4	45

109	Hepatocyte growth factor, vascular endothelial growth factor, glial cell-derived neurotrophic factor and nerve growth factor are differentially affected by early chronic ethanol or red wine intake. *Toxicology Letters*, **2009**, 188, 208-13	4.4	34
108	Effects of enriched environment on animal models of neurodegenerative diseases and psychiatric disorders. *Neurobiology of Disease*, **2008**, 31, 159-68	7.5	222
107	Behavioral effects of 6-bromoflavanone and 5-methoxy-6,8-dibromoflavanone as anxiolytic compounds. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2008**, 32, 128-34	5.5	31
106	The effect of early maternal separation on brain derived neurotrophic factor and monoamine levels in adult heterozygous reeler mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2008**, 32, 1269-76	5.5	49
105	Altered emotionality, spatial memory and cholinergic function in caveolin-1 knock-out mice. *Behavioural Brain Research*, **2008**, 188, 255-62	3.4	31
104	Mouse models of Rett syndrome: from behavioural phenotyping to preclinical evaluation of new therapeutic approaches. *Behavioural Pharmacology*, **2008**, 19, 501-17	2.4	85
103	Autoantibodies against opioid or glutamate receptors are associated with changes in morphine reward and physical dependence in mice. *Psychopharmacology*, **2008**, 197, 535-48	4.7	13
102	Moderate neonatal stress decreases within-group variation in behavioral, immune and HPA responses in adult mice. *PLoS ONE*, **2007**, 2, e1015	3.7	52
101	Early adversity and alcohol availability persistently modify serotonin and hypothalamic-pituitary-adrenal-axis metabolism and related behavior: what experimental research on rodents and primates can tell us. *Neuroscience and Biobehavioral Reviews*, **2007**, 31, 172-80	9	28
100	Impulsivity-anxiety-related behavior and profiles of morphine-induced analgesia in heterozygous reeler mice. *Brain Research*, **2007**, 1131, 173-80	3.7	45
99	Subchronic nicotine exposure in adolescence induces long-term effects on hippocampal and striatal cannabinoid-CB1 and mu-opioid receptors in rats. *European Journal of Pharmacology*, **2007**, 557, 37-43	5.3	49
98	Enhancement of endocannabinoid signalling during adolescence: Modulation of impulsivity and long-term consequences on metabolic brain parameters in early maternally deprived rats. *Pharmacology Biochemistry and Behavior*, **2007**, 86, 334-45	3.9	54
97	1H MRS-detectable metabolic brain changes and reduced impulsive behavior in adult rats exposed to methylphenidate during adolescence. *Neurotoxicology and Teratology*, **2007**, 29, 116-25	3.9	43
96	Increased ethanol intake after prenatal ethanol exposure: studies with animals. *Neuroscience and Biobehavioral Reviews*, **2007**, 31, 181-91	9	99
95	Neurobehavioural disorders in the infant reeler mouse model: interaction of genetic vulnerability and consequences of maternal separation. *Behavioural Brain Research*, **2007**, 177, 142-9	3.4	41
94	Preexposure during or following adolescence differently affects nicotine-rewarding properties in adult rats. *Psychopharmacology*, **2006**, 184, 382-90	4.7	70
93	Response to novelty, social and self-control behaviors, in rats exposed to neonatal anoxia: modulatory effects of an enriched environment. *Psychopharmacology*, **2006**, 184, 155-65	4.7	32
92	Paradoxical effects of prenatal acetylcholinesterase blockade on neuro-behavioral development and drug-induced stereotypies in reeler mutant mice. *Psychopharmacology*, **2006**, 187, 331-44	4.7	59

91	Delay aversion but preference for large and rare rewards in two choice tasks: implications for the measurement of self-control parameters. *BMC Neuroscience*, **2006**, 7, 52	3.2	49
90	Methylphenidate administration to adolescent rats determines plastic changes on reward-related behavior and striatal gene expression. *Neuropsychopharmacology*, **2006**, 31, 1946-56	8.7	105
89	Specific changes in levels of autoantibodies to glutamate and opiate receptors induced by morphine administration in rats. *Neuroscience Letters*, **2006**, 403, 1-5	3.3	11
88	Motor impulsivity in APP-SWE mice: a model of Alzheimer's disease. *Behavioural Pharmacology*, **2006**, 17, 525-33	2.4	19
87	Long-term effects of neonatal basal forebrain cholinergic lesions on radial maze learning and impulsivity in rats. *Behavioural Pharmacology*, **2006**, 17, 517-24	2.4	11
86	Short-term effects of adolescent methylphenidate exposure on brain striatal gene expression and sexual/endocrine parameters in male rats. *Annals of the New York Academy of Sciences*, **2006**, 1074, 52-73	6.5	49
85	Aspects of spatial memory and behavioral disinhibition in Tg2576 transgenic mice as a model of Alzheimer's disease. *Behavioural Brain Research*, **2005**, 156, 225-32	3.4	104
84	D-amphetamine-related reinforcing effects are reduced in mice exposed prenatally to estrogenic endocrine disruptors. *Brain Research Bulletin*, **2005**, 65, 235-40	3.9	50
83	Scoring of social interactions and play in mice during adolescence. *Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]*, **2005**, Chapter 13, Unit13.10	1	46
82	Behavioural, neural and cardiovascular adaptations in mice lacking the NPY Y1 receptor. *Neuroscience and Biobehavioral Reviews*, **2005**, 29, 113-23	9	20
81	Sub-neurotoxic neonatal anoxia induces subtle behavioural changes and specific abnormalities in brain group-I metabotropic glutamate receptors in rats. *Journal of Neurochemistry*, **2005**, 95, 137-45	6	27
80	Behavioral and neurochemical vulnerability during adolescence in mice: studies with nicotine. *Neuropsychopharmacology*, **2004**, 29, 869-78	8.7	124
79	Beneficial effects of enriched environment on adolescent rats from stressed pregnancies. *European Journal of Neuroscience*, **2004**, 20, 1655-64	3.5	130
78	Prenatal stress affects 3,4-methylenedioxymethamphetamine pharmacokinetics and drug-induced motor alterations in adolescent female rats. *European Journal of Pharmacology*, **2004**, 489, 89-92	5.3	30
77	Social withdrawal, neophobia, and stereotyped behavior in developing rats exposed to neonatal asphyxia. *Psychopharmacology*, **2004**, 175, 196-205	4.7	50
76	Acetyl-L-carnitine reduces impulsive behaviour in adolescent rats. *Psychopharmacology*, **2004**, 176, 296-304	4.7	43
75	Single episode of maternal deprivation and adult depressive profile in mice: interaction with cannabinoid exposure during adolescence. *Behavioural Brain Research*, **2004**, 154, 231-8	3.4	70
74	Chronic treatment with imipramine reverses immobility behaviour, hippocampal corticosteroid receptors and cortical 5-HT(1A) receptor mRNA in prenatally stressed rats. *Neuropharmacology*, **2004**, 47, 841-7	5.5	103

73	Effects of chronic psychosocial stress on cardiac autonomic responsiveness and myocardial structure in mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 286, H2133-40	5.2	47
72	Health-promoting factors and animal welfare. *Annali Dell'Istituto Superiore Di Sanita*, **2004**, 40, 187-93	1.6	1
71	Evidence for enhanced neurobehavioral vulnerability to nicotine during periadolescence in rats. *Journal of Neuroscience*, **2003**, 23, 4712-6	6.6	232
70	Intrauterine position has long-term influence on brain mu-opioid receptor density and behaviour in mice. *Psychoneuroendocrinology*, **2003**, 28, 386-400	5	20
69	The spontaneously hypertensive-rat as an animal model of ADHD: evidence for impulsive and non-impulsive subpopulations. *Neuroscience and Biobehavioral Reviews*, **2003**, 27, 639-51	9	154
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List of Publications

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