Michele Zoli

List of Publications by Year
in descending order

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221 papers	16,973 citations	20817 60 h-index	16183 124 g-index
221 all docs	221 docs citations	221 times ranked	11514 citing authors

#	Article	IF	Citations
1	Evidence of a dual mechanism of action underlying the anti-proliferative and cytotoxic effects of ammonium-alkyloxy-stilbene-based Î±7- and Î±9-nicotinic ligands on glioblastoma cells. Pharmacological Research, 2022, 175, 105959.	7.1	9
2	Choline and nicotine increase glioblastoma cell proliferation by binding and activating Î±7- and Î±9-containing nicotinic receptors. Pharmacological Research, 2021, 163, 105336.	7.1	30
3	Altered mRNA Levels of Stress-Related Peptides in Mouse Hippocampus and Caudate-Putamen in Withdrawal after Long-Term Intermittent Exposure to Tobacco Smoke or Electronic Cigarette Vapour. International Journal of Molecular Sciences, 2021, 22, 599.	4.1	9
4	Mild to Severe Neurological Manifestations of COVID-19: Cases Reports. International Journal of Environmental Research and Public Health, 2021, 18, 3673.	2.6	16
5	A regional and cellular analysis of the early intracellular and extracellular accumulation of AÎ² in the brain of 5XFAD mice. Neuroscience Letters, 2021, 754, 135869.	2.1	7
6	Dorsal and ventral striatal neuronal subpopulations differentially disrupt male mouse copulatory behavior. European Neuropsychopharmacology, 2021, 49, 23-37.	0.7	3
7	S100B dysregulation during brain development affects synaptic SHANK protein networks via alteration of zinc homeostasis. Translational Psychiatry, 2021, 11, 562.	4.8	7
8	Î±9-Containing Nicotinic Receptors in Cancer. Frontiers in Cellular Neuroscience, 2021, 15, 805123.	3.7	8
9	Novel peptide-conjugated nanomedicines for brain targeting: In vivo evidence. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 28, 102226.	3.3	20
10	Persistent cognitive and affective alterations at late withdrawal stages after long-term intermittent exposure to tobacco smoke or electronic cigarette vapour: Behavioural changes and their neurochemical correlates. Pharmacological Research, 2020, 158, 104941.	7.1	12
11	Neuromorphic Organic Devices that Specifically Discriminate Dopamine from Its Metabolites by Nonspecific Interactions. Advanced Functional Materials, 2020, 30, 2002141.	14.9	21
12	Distribution and Relative Abundance of S100 Proteins in the Brain of the APP23 Alzheimerâ€™s Disease Model Mice. Frontiers in Neuroscience, 2019, 13, 640.	2.8	31
13	Nanomedicine Against AÎ² Aggregation by Î²â€“Sheet Breaker Peptide Delivery: In Vitro Evidence. Pharmaceutics, 2019, 11, 572.	4.5	18
14	Application of CRISPR/Cas9 editing and digital droplet PCR in human iPSCs to generate novel knock-in reporter lines to visualize dopaminergic neurons. Stem Cell Research, 2019, 41, 101656.	0.7	11
15	The novel hybrid agonist HyNDA-1 targets the D3R-nAChR heteromeric complex in dopaminergic neurons. Biochemical Pharmacology, 2019, 163, 154-168.	4.4	14
16	Increased sensitivity to Î”9-THC-induced rewarding effects after seven-week exposure to electronic and tobacco cigarettes in mice. European Neuropsychopharmacology, 2019, 29, 566-576.	0.7	14
17	Reduced plaque size and inflammation in the APP23 mouse model for Alzheimerâ€™s disease after chronic application of polymeric nanoparticles for CNS targeted zinc delivery. Journal of Trace Elements in Medicine and Biology, 2018, 49, 210-221.	3.0	64
18	Exploiting interfacial phenomena in organic bioelectronics: Conformable devices for bidirectional communication with living systems. Colloids and Surfaces B: Biointerfaces, 2018, 168, 143-147.	5.0	5

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19	Development of a simple and sensitive liquid chromatography triple quadrupole mass spectrometry (LCâ€“MS/MS) method for the determination of cannabidiol (CBD), Î” 9 -tetrahydrocannabinol (THC) and its metabolites in rat whole blood after oral administration of a single high dose of CBD. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 25-32.	2.8	50
20	LPS-induced histone H3 phospho(Ser10)-acetylation(Lys14) regulates neuronal and microglial neuroinflammatory response. Brain, Behavior, and Immunity, 2018, 74, 277-290.	4.1	39
21	Increased expression of CRF and CRF-receptors in dorsal striatum, hippocampus, and prefrontal cortex after the development of nicotine sensitization in rats. Drug and Alcohol Dependence, 2018, 189, 12-20.	3.2	16
22	Analysis and Quantification of GPCR Allosteric Receptorâ€“Receptor Interactions Using Radioligand Binding Assays: The A2AR-D2R Heteroreceptor Complex Example. Neuromethods, 2018, , 1-14.	0.3	0
23	Alpha6-Containing Nicotinic Acetylcholine Receptors Mediate Nicotine-Induced Structural Plasticity in Mouse and Human iPSC-Derived Dopaminergic Neurons. Frontiers in Pharmacology, 2018, 9, 572.	3.5	7
24	Deletion of Maged1 in mice abolishes locomotor and reinforcing effects of cocaine. EMBO Reports, 2018, 19, .	4.5	16
25	Untargeted rat brain metabolomics after oral administration of a single high dose of cannabidiol. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 1-11.	2.8	21
26	Genetic variation in CHRNA7 and CHRFAM7A is associated with nicotine dependence and response to varenicline treatment. European Journal of Human Genetics, 2018, 26, 1824-1831.	2.8	13
27	Neuronal and Extraneuronal Nicotinic Acetylcholine Receptors. Current Neuropharmacology, 2018, 16, 338-349.	2.9	172
28	Serum protein changes in a rat model of chronic pain show a correlation between animal and humans. Scientific Reports, 2017, 7, 41723.	3.3	26
29	In vivo study of the role of Î±6â€containing nicotinic acetylcholine receptor in retinal function using subtypeâ€specific RDPâ€MII(E11R) toxin. FASEB Journal, 2017, 31, 192-202.	0.5	2
30	Nicotine inside neurons. Oncotarget, 2016, 7, 81977-81978.	1.8	1
31	Activity and circadian rhythm influence synaptic Shank3 protein levels in mice. Journal of Neurochemistry, 2016, 138, 887-895.	3.9	21
32	Alterations in alpha5* nicotinic acetylcholine receptors result in midbrain- and hippocampus-dependent behavioural and neural impairments. Psychopharmacology, 2016, 233, 3297-3314.	3.1	18
33	MicroRNA-101 Regulates Multiple Developmental Programs to Constrain Excitation in Adult Neural Networks. Neuron, 2016, 92, 1337-1351.	8.1	73
34	A genome-wide analysis in cluster headache points to neprilysin and PACAP receptor gene variants. Journal of Headache and Pain, 2016, 17, 114.	6.0	38
35	Repeated nicotine exposure modulates prodynorphin and pronociceptin levels in the reward pathway. Drug and Alcohol Dependence, 2016, 166, 150-158.	3.2	8
36	Whole organic electronic synapses for dopamine detection. , 2016, , .		8

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37	Heterosynaptic GABAergic plasticity bidirectionally driven by the activity of pre- and postsynaptic NMDA receptors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9898-9903.	7.1	23
38	Chronic nicotine and withdrawal affect glutamatergic but not nicotinic receptor expression in the mesocorticolimbic pathway in a region-specific manner. Pharmacological Research, 2016, 103, 167-176.	7.1	32
39	â€œHeart-cutâ€•bidimensional achiral-chiral liquid chromatography applied to the evaluation of stereoselective metabolism, in vivo biological activity and brain response to chiral drug candidates targeting the central nervous system. Journal of Chromatography A, 2016, 1443, 152-161.	3.7	15
40	7-Chloro-5-(furan-3-yl)-3-methyl-4H-benzo[e][1,2,4]thiadiazine 1,1-Dioxide as Positive Allosteric Modulator of Î±-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor. The End of the Unsaturated-Inactive Paradigm?. ACS Chemical Neuroscience, 2016, 7, 149-160.	3.5	15
41	O015. Evaluation of the genetic polymorphism of the Î±3 (CHRNA3) and Î±5 (CHRNA5) nicotinic receptor subunits, in patients with cluster headache. Journal of Headache and Pain, 2015, 16, A88.	6.0	4
42	Proteomic research of proteins involved in pain expression in an animal model of chronic pain. Journal of Headache and Pain, 2015, 16, A8.	6.0	0
43	Endocytosis of Nanomedicines: The Case of Glycopeptide Engineered PLGA Nanoparticles. Pharmaceutics, 2015, 7, 74-89.	4.5	46
44	Different physiological and behavioural effects of e-cigarette vapour and cigarette smoke in mice. European Neuropsychopharmacology, 2015, 25, 1775-1786.	0.7	76
45	Bifunctional compounds targeting both D2 and non-Î±7 nACh receptors: Design, synthesis and pharmacological characterization. European Journal of Medicinal Chemistry, 2015, 101, 367-383.	5.5	12
46	PEG-g-chitosan nanoparticles functionalized with the monoclonal antibody OX26 for brain drug targeting. Nanomedicine, 2015, 10, 1735-1750.	3.3	60
47	Exploiting Bacterial Pathways for BBB Crossing with PLGA Nanoparticles Modified with a Mutated Form of Diphtheria Toxin (CRM197): In Vivo Experiments. Molecular Pharmaceutics, 2015, 12, 3672-3684.	4.6	36
48	Diversity of native nicotinic receptor subtypes in mammalian brain. Neuropharmacology, 2015, 96, 302-311.	4.1	209
49	Nicotinic, glutamatergic and dopaminergic synaptic transmission and plasticity in the mesocorticolimbic system: Focus on nicotine effects. Progress in Neurobiology, 2015, 124, 1-27.	5.7	81
50	Application of Polymeric Nanoparticles for CNS Targeted Zinc Delivery In Vivo. CNS and Neurological Disorders - Drug Targets, 2015, 14, 1041-1053.	1.4	12
51	Insight on the fate of CNS-targeted nanoparticles. Part I: Rab5-dependent cell-specific uptake and distribution. Journal of Controlled Release, 2014, 174, 195-201.	9.9	63
52	Insight on the fate of CNS-targeted nanoparticles. Part II: Intercellular neuronal cell-to-cell transport. Journal of Controlled Release, 2014, 177, 96-107.	9.9	48
53	The Novel Î±₇Î²₂-Nicotinic Acetylcholine Receptor Subtype Is Expressed in Mouse and Human Basal Forebrain: Biochemical and Pharmacological Characterization. Molecular Pharmacology, 2014, 86, 306-317.	2.3	68
54	<scp>CC</scp>4, a dimer of cytisine, is a selective partial agonist at Î±4Î²2/Î±6Î²2 <scp>nAChR</scp> with improved selectivity for tobacco smoking cessation. British Journal of Pharmacology, 2013, 168, 835-849.	5.4	31

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55	Brain-targeted polymeric nanoparticles: in vivo evidence of different routes of administration in rodents. Nanomedicine, 2013, 8, 1373-1383.	3.3	26
56	Nicotine-Induced Structural Plasticity in Mesencephalic Dopaminergic Neurons Is Mediated by Dopamine D3 Receptors and Akt-mTORC1 Signaling. Molecular Pharmacology, 2013, 83, 1176-1189.	2.3	61
57	Calcineurin A versus NS5A-TP2/HD Domain Containing 2: A Case Study of Site-directed Low-frequency Random Mutagenesis for Dissecting Target Specificity of Peptide Aptamers. Molecular and Cellular Proteomics, 2013, 12, 1939-1952.	3.8	1
58	Nicotinic Regulation of Energy Homeostasis. Nicotine and Tobacco Research, 2012, 14, 1270-1290.	2.6	62
59	An improved LCâ€“S/MS method for the quantitation of adenosine concentration in mice brain microdialysates. Journal of Pharmaceutical and Biomedical Analysis, 2012, 70, 563-566.	2.8	9
60	Simultaneous measurement of adenosine, dopamine, acetylcholine and 5-hydroxytryptamine in cerebral mice microdialysis samples by LCâ€“ESI-MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2012, 71, 183-186.	2.8	39
61	Developmental overfeeding alters hypothalamic neuropeptide mRNA levels and response to a high-fat diet in adult mice. Peptides, 2011, 32, 1371-1383.	2.4	19
62	Ryanodine receptor-2 upregulation and nicotine-mediated plasticity. EMBO Journal, 2011, 30, 194-204.	7.8	52
63	Targeting of the Arpc3 actin nucleation factor by miR-29a/b regulates dendritic spine morphology. Journal of Cell Biology, 2011, 194, 889-904.	5.2	125
64	The encapsulated strain TIGR4 of Streptococcus pneumoniae is phagocytosed but is resistant to intracellular killing by mouse microglia. Microbes and Infection, 2010, 12, 990-1001.	1.9	15
65	A Comparative Study of the Effects of the Intravenous Self-Administration or Subcutaneous Minipump Infusion of Nicotine on the Expression of Brain Neuronal Nicotinic Receptor Subtypes. Molecular Pharmacology, 2010, 78, 287-296.	2.3	51
66	Nicotinic Acetylcholine Receptors in the Mesolimbic Pathway: Primary Role of Ventral Tegmental Area Î±6Î²2* Receptors in Mediating Systemic Nicotine Effects on Dopamine Release, Locomotion, and Reinforcement. Journal of Neuroscience, 2010, 30, 5311-5325.	3.6	208
67	Rodent Habenuloâ€“Interpeduncular Pathway Expresses a Large Variety of Uncommon nAChR Subtypes, But Only the Î±3Î²4 and Î±3Î²3Î²4 Subtypes Mediate Acetylcholine Release. Journal of Neuroscience, 2009, 29, 2272-2282.	3.6	205
68	Structural and functional diversity of native brain neuronal nicotinic receptors. Biochemical Pharmacology, 2009, 78, 703-711.	4.4	422
69	Functional interaction between presynaptic nicotinic and D2 receptors on dopaminergic nerve endings of rat and mouse nucleus accumbens. Biochemical Pharmacology, 2009, 78, 916.	4.4	1
70	D2R striatopallidal neurons inhibit both locomotor and drug reward processes. Nature Neuroscience, 2009, 12, 393-395.	14.8	251
71	Neurosteroids and epileptogenesis in the pilocarpine model: Evidence for a relationship between P450scc induction and length of the latent period. Epilepsia, 2009, 50, 53-58.	5.1	50
72	Preâ€synaptic nicotinic and D₂ receptors functionally interact on dopaminergic nerve endings of rat and mouse nucleus accumbens. Journal of Neurochemistry, 2009, 108, 1507-1514.	3.9	21

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73	Exposure to an enriched environment selectively increases the functional response of the preâ€synaptic NMDA receptors which modulate noradrenaline release in mouse hippocampus. Journal of Neurochemistry, 2009, 110, 1598-1606.	3.9	54
74	Can the role of genetic factors in schizophrenia be enlightened by studies of candidate gene mutant mice behaviour?. World Journal of Biological Psychiatry, 2009, 10, 778-797.	2.6	8
75	Serum proteomic analysis during nicotine selfâ€administration, extinction and relapse in rats. Electrophoresis, 2008, 29, 1525-1533.	2.4	10
76	Regional patterns and clinical correlates of basal ganglia morphology in non-medicated schizophrenia. Schizophrenia Research, 2008, 106, 140-147.	2.0	73
77	Synapsin-I- and synapsin-II-null mice display an increased age-dependent cognitive impairment. Journal of Cell Science, 2008, 121, 3042-3051.	2.0	102
78	Neuroprotection via nAChRs: the role of nAChRs in neurodegenerative disorders such as Alzheimer's and Parkinson's disease. Frontiers in Bioscience - Landmark, 2008, 13, 492.	3.0	187
79	Cannabinoid Receptor Antagonists Counteract Sensorimotor Gating Deficits in the Phencyclidine Model of Psychosis. Neuropsychopharmacology, 2007, 32, 2098-2107.	5.4	64
80	Loss of highâ€affinity nicotinic receptors increases the vulnerability to excitotoxic lesion and decreases the positive effects of an enriched environment. FASEB Journal, 2007, 21, 4028-4037.	0.5	18
81	Selective disarrangement of the rostral telencephalic cholinergic system in heterozygous reeler mice. Neuroscience, 2007, 144, 834-844.	2.3	12
82	Nicotine withdrawal increases body weight, neuropeptide Y and Agouti-related protein expression in the hypothalamus and decreases uncoupling protein-3 expression in the brown adipose tissue in high-fat fed mice. Neuroscience Letters, 2007, 411, 72-76.	2.1	43
83	Heterogeneity and complexity of native brain nicotinic receptors. Biochemical Pharmacology, 2007, 74, 1102-1111.	4.4	260
84	Brain nicotinic acetylcholine receptors: native subtypes and their relevance. Trends in Pharmacological Sciences, 2006, 27, 482-491.	8.7	782
85	Inhibition of both Î±7* and Î²2* nicotinic acetylcholine receptors is necessary to prevent development of sensitization to cocaine-elicited increases in extracellular dopamine levels in the ventral striatum. Psychopharmacology, 2006, 187, 181-188.	3.1	34
86	Differential effects of nicotinic antagonists perfused into the nucleus accumbens or the ventral tegmental area on cocaine-induced dopamine release in the nucleus accumbens of mice. Psychopharmacology, 2006, 190, 189-199.	3.1	32
87	Neuronal nicotinic acetylcholine receptors. , 2006, , 141-157.		0
88	Heterogeneity and Selective Targeting of Neuronal Nicotinic Acetylcholine Receptor (nAChR) Subtypes Expressed on Retinal Afferents of the Superior Colliculus and Lateral Geniculate Nucleus: Identification of a New Native nAChR Subtype Î±3Î²2(Î±5 or Î²3) Enriched in Retinocollicular Afferents. Molecular Pharmacology, 2005, 68, 1162-1171.	2.3	68
89	Nicotinic Acetylcholine Receptor Subtypes Expression during Rat Retina Development and Their Regulation by Visual Experience. Molecular Pharmacology, 2004, 66, 85-96.	2.3	84
90	Alteration of hippocampal cell proliferation in mice lacking the ?2 subunit of the neuronal nicotinic acetylcholine receptor. Synapse, 2004, 54, 200-206.	1.2	71

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91	Localization of [3H]nicotine, [3H]cytisine, [3H]epibatidine, and [125I]Î±-bungarotoxin binding sites in the brain ofMacaca mulatta. Journal of Comparative Neurology, 2003, 461, 49-60.	1.6	91
92	Effects of nicotine in the dopaminergic system of mice lacking the alpha4 subunit of neuronal nicotinic acetylcholine receptors. European Journal of Neuroscience, 2003, 17, 1329-1337.	2.6	224
93	Ontogeny and Tissue-Specific Regulation of Ghrelin mRNA Expression Suggest that Ghrelin Is Primarily Involved in the Control of Extraendocrine Functions in the Rat. Neuroendocrinology, 2003, 77, 91-99.	2.5	34
94	Selective activation of central subtypes of the nicotinic acetylcholine receptor has opposite effects on neonatal excitotoxic brain injuries. FASEB Journal, 2002, 16, 423-425.	0.5	94
95	Coaggregation, Cointernalization, and Codesensitization of Adenosine A2A Receptors and Dopamine D2Receptors. Journal of Biological Chemistry, 2002, 277, 18091-18097.	3.4	450
96	Nicotine and neurodegeneration in ageing. Toxicology Letters, 2002, 127, 207-215.	0.8	63
97	Diet-induced changes in hypothalamic pro-opio-melanocortin mRNA in the rat hypothalamus. Peptides, 2002, 23, 1063-1068.	2.4	42
98	Rivastigmine antagonizes deficits in prepulse inhibition induced by selective immunolesioning of cholinergic neurons in nucleus basalis magnocellularis. Neuroscience, 2002, 114, 91-98.	2.3	32
99	Identification of the Nicotinic Receptor Subtypes Expressed on Dopaminergic Terminals in the Rat Striatum. Journal of Neuroscience, 2002, 22, 8785-8789.	3.6	369
100	Distribution and Pharmacology of Î±6-Containing Nicotinic Acetylcholine Receptors Analyzed with Mutant Mice. Journal of Neuroscience, 2002, 22, 1208-1217.	3.6	330
101	Nicotinic receptors in aging and dementia. Journal of Neurobiology, 2002, 53, 641-655.	3.6	193
102	Pharmacological manipulation of brain galaninergic system and sexual behavior in male mice. Psychopharmacology, 2002, 160, 325-330.	3.1	12
103	Characterisation of gastric ghrelin cells in man and other mammals: studies in adult and fetal tissues. Histochemistry and Cell Biology, 2002, 117, 511-519.	1.7	188
104	Ghrelin expression in gut endocrine growths. Histochemistry and Cell Biology, 2002, 117, 521-525.	1.7	57
105	Acute and long-term changes in the mesolimbic dopamine pathway after systemic or local single nicotine injections. European Journal of Neuroscience, 2002, 15, 1810-1818.	2.6	112
106	Preferential alterations in the mesolimbic dopamine pathway of heterozygous reeler mice: an emerging animal-based model of schizophrenia. European Journal of Neuroscience, 2002, 15, 1197-1205.	2.6	60
107	Heteromerization of Adenosine and Dopamine Receptor Subtypes: Relevance for Neuronal Integration in Normal and Pathological States. Advances in Behavioral Biology, 2002, , 199-204.	0.2	2
108	Selective immunolesioning of cholinergic neurons in nucleus basalis magnocellularis impairs prepulse inhibition of acoustic startle. Neuroscience, 2001, 108, 299-305.	2.3	12

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109	Molecular and Physiological Diversity of Nicotinic Acetylcholine Receptors in the Midbrain Dopaminergic Nuclei. Journal of Neuroscience, 2001, 21, 1452-1463.	3.6	626
110	Adenosine A2A agonist CGS 21680 decreases the affinity of dopamine D2 receptors for dopamine in human striatum. NeuroReport, 2001, 12, 1831-1834.	1.2	78
111	Combined Î±2-adrenergic/D2 dopamine receptor blockade fails to reproduce the ability of clozapine to reverse phencyclidine-induced deficits in prepulse inhibition of startle. Psychopharmacology, 2001, 159, 105-110.	3.1	16
112	Functional striatal hypodopaminergic activity in mice lacking adenosine A2A receptors. Journal of Neurochemistry, 2001, 78, 183-198.	3.9	68
113	Evidence for the existence of pulses of dopamine in the extracellular space of the rat striatum. Progress in Brain Research, 2000, 125, 303-308.	1.4	4
114	Localization of nAChR subunit mRNAs in the brain of Macaca mulatta. European Journal of Neuroscience, 2000, 12, 3664-3674.	2.6	139
115	Evidence for Adenosine/Dopamine Receptor Interactions Indications for Heteromerization. Neuropsychopharmacology, 2000, 23, S50-S59.	5.4	147
116	Dopamine D1 and adenosine A1 receptors form functionally interacting heteromeric complexes. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 8606-8611.	7.1	419
117	Protective Effects of Delapril Combined with Indapamide or Hydrochlorothiazide in Spontaneously Hypertensive Stroke-Prone Rats: A Comparative Dose-Response Analysis. Journal of Cardiovascular Pharmacology, 2000, 36, 321-328.	1.9	4
118	Use of knock-out mice to determine the molecular basis for the actions of nicotine. Nicotine and Tobacco Research, 1999, 1, 121-125.	2.6	28
119	Changes in nicotinic acetylcholine receptor subunit mRNAs and nicotinic binding in spontaneously hypertensive stroke prone rats. Neuroscience Letters, 1999, 277, 169-172.	2.1	28
120	On the distribution patterns of D1, D2, tyrosine hydroxylase and dopamine transporter immunoreactivities in the ventral striatum of the rat. Neuroscience, 1999, 89, 473-489.	2.3	53
121	Effects of nitric oxide inhibition on the spread of biotinylated dextran and on extracellular space parameters in the neostriatum of the male rat. Neuroscience, 1999, 91, 69-80.	2.3	22
122	Volume transmission in the CNS and its relevance for neuropsychopharmacology. Trends in Pharmacological Sciences, 1999, 20, 142-150.	8.7	304
123	Subunit and region-specific decreases in nicotinic acetylcholine receptor mRNA in the aged rat brain. Neurobiology of Aging, 1999, 20, 37-46.	3.1	25
124	Increased neurodegeneration during ageing in mice lacking high-affinity nicotine receptors. EMBO Journal, 1999, 18, 1235-1244.	7.8	193
125	Involvement of Î±6 nicotinic receptor subunit in nicotine-elicited locomotion, demonstrated by in vivo antisense oligonucleotide infusion. NeuroReport, 1999, 10, 2497-2501.	1.2	78
126	Promoter analysis of the neuronal nicotinic acetylcholine receptor Î±4gene: methylation and expression of the transgene. European Journal of Neuroscience, 1998, 10, 2244-2253.	2.6	19

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127	Brain nicotinic receptors: structure and regulation, role in learning and reinforcement1Published on the World Wide Web on 24 October 1997.1. Brain Research Reviews, 1998, 26, 198-216.	9.0	280
128	The emergence of the volume transmission concept1Published on the World Wide Web on 12 January 1998.1. Brain Research Reviews, 1998, 26, 136-147.	9.0	209
129	Integrated events in central dopamine transmission as analyzed at multiple levels. Evidence for intramembrane adenosine A2A/dopamine D2 and adenosine A1/dopamine D1 receptor interactions in the basal ganglia1Published on the World Wide Web on 12 January 1998.1. Brain Research Reviews, 1998, 26, 258-273.	9.0	266
130	Hypothalamic Neuropeptide Y and Galanin in Overweight Rats Fed a Cafeteria Diet. Peptides, 1998, 19, 157-165.	2.4	28
131	Acetylcholine receptors containing the Î²2 subunit are involved in the reinforcing properties of nicotine. Nature, 1998, 391, 173-177.	27.8	1,239
132	Identification of Four Classes of Brain Nicotinic Receptors Using Î²2 Mutant Mice. Journal of Neuroscience, 1998, 18, 4461-4472.	3.6	372
133	Contribution of nicotinic acetylcholine receptors containing the Î²2-subunit to the behavioural effects of nicotine. Biochemical Society Transactions, 1997, 25, 824-829.	3.4	33
134	Protective Effects of Delapril, Indapamide and Their Combination Chronically Administered to Stroke-Prone Spontaneously Hypertensive Rats Fed a High-Sodium Diet. Clinical Science, 1997, 93, 401-411.	4.3	27
135	Hypothalamo-pituitary-IGF-1 axis in female rats made obese by overfeeding. Life Sciences, 1997, 61, 881-889.	4.3	14
136	Neuron-Glia Cross Talk in Rat Striatum after Transient Forebrain Ischemia. Advances in Experimental Medicine and Biology, 1997, 429, 55-68.	1.6	1
137	Short- and Long-term Changes in Striatal Neurons and Astroglia After Transient Forebrain Ischemia in Rats. Stroke, 1997, 28, 1049-1059.	2.0	44
138	Regional and cellular distribution of spermidine/spermine N1-acetyltransferase (SSAT) mRNA in the rat central nervous system. Neuroscience Letters, 1996, 207, 13-16.	2.1	7
139	Computer-assisted mapping of basic fibroblast growth factor immunoreactive nerve cell populations in the rat brain. Journal of Chemical Neuroanatomy, 1996, 11, 13-35.	2.1	42
140	Spermidine/spermine N1-acetyltransferase mRNA levels show marked and region-specific changes in the early phase after transient forebrain ischemia. Molecular Brain Research, 1996, 38, 122-134.	2.3	21
141	Wiring and volume transmission in the central nervous system: The concept of closed and open synapses. Progress in Neurobiology, 1996, 49, 363-380.	5.7	125
142	Neuronal Nicotinic Receptor a6 Subunit mRNA is Selectively Concentrated in Catecholaminergic Nuclei of the Rat Brain. European Journal of Neuroscience, 1996, 8, 2428-2439.	2.6	358
143	Characterization of the hypothalamoâ€“pituitaryâ€“IGF-I axis in rats made obese by overfeeding. Journal of Endocrinology, 1996, 148, 347-353.	2.6	37
144	THE RECEPTOR MOSAIC HYPOTHESIS OF THE ENGRAM: POSSIBLE RELEVANCE OF BOOLEAN NETWORK MODELING. International Journal of Neural Systems, 1996, 07, 363-368.	5.2	18

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145	Long distance pathways of diffusion for dextran along fibre bundles in brain. Relevance for volume transmission. NeuroReport, 1995, 6, 1005-1009.	1.2	52
146	Temporal changes in sulphated glycoprotein-2 (clusterin) and ornithine decarboxylase mRNA levels in the rat testis after ethane-dimethane sulphonate-induced degeneration of Leydig cells. Journal of Developmental and Physical Disabilities, 1995, 18, 46-54.	3.6	6
147	Immunochemical localization of calcium/calmodulin-dependent protein kinase I. Synapse, 1995, 20, 75-84.	1.2	100
148	Abnormal avoidance learning in mice lacking functional high-affinity nicotine receptor in the brain. Nature, 1995, 374, 65-67.	27.8	612
149	A single (â˚)-nicotine injection causes change with a time delay in the affinity of striatal D2 receptors for antagonist, but not for agonist, nor in the D2 receptor mRNA levels in the rat substantia nigra. Brain Research, 1995, 679, 157-167.	2.2	15
150	Age-related alterations in tanycytes of the mediobasal hypothalamus of the male rat. Neurobiology of Aging, 1995, 16, 77-83.	3.1	32
151	Intercellular communication in the brain: Wiring versus volume transmission. Neuroscience, 1995, 69, 711-726.	2.3	496
152	Promoter elements conferring neuron-specific expression of the Î²2-subunit of the neuronal nicotinic acetylcholine receptor studiedin vitro and in transgenic mice. Neuroscience, 1995, 69, 807-819.	2.3	58
153	Mapping and computer assisted morphometry and microdensitometry of glucocorticoid receptor immunoreactive neurons and glial cells in the rat central nervous system. Neuroscience, 1994, 62, 843-897.	2.3	163
154	Neurochemical and Behavioral Studies on L-dopa Toxicity in the Model of Manganese Lesioned Nigrostriatal Pathway in the Rat: Evidence for a Protective Effect of the GM1 Lactone Siagoside. , 1994, , 381-407.		2
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