

Maria Tiziana Corasaniti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142
papers

8,790
citations

40
h-index

91
g-index

156
ext. papers

9,949
ext. citations

4.9
avg, IF

5.23
L-index

#	Paper	IF	Citations
142	Preclinical Characterization of Antinociceptive Effect of Bergamot Essential Oil and of Its Fractions for Rational Translation in Complementary Therapy.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	3
141	Dementia and COVID-19: A Case Report and Literature Review on Pain Management.. <i>Pharmaceutics</i> , 2022 , 15,	5.2	4
140	Pharmacological Treatment of Pain and Agitation in Severe Dementia and Responsiveness to Change of the Italian Mobilization Observation Behavior Intensity Dementia (I-MOBID2) Pain Scale: Study Protocol. <i>Brain Sciences</i> , 2022 , 12, 573	3.4	1
139	Translational Value of the Transdermal Administration of Bergamot Essential Oil and of Its Fractions. <i>Pharmaceutics</i> , 2022 , 14, 1006	6.4	1
138	New trends in pharmacological control of neuropsychiatric symptoms of dementia. <i>Current Opinion in Pharmacology</i> , 2021 , 61, 69-76	5.1	4
137	Development and Translation of NanoBEO, a Nanotechnology-Based Delivery System of Bergamot Essential Oil Deprived of Furocoumarins, in the Control of Agitation in Severe Dementia. <i>Pharmaceutics</i> , 2021 , 13,	6.4	11
136	Efficacy of Essential Oils in Pain: A Systematic Review and Meta-Analysis of Preclinical Evidence. <i>Frontiers in Pharmacology</i> , 2021 , 12, 640128	5.6	9
135	Role of CGRP pathway polymorphisms in migraine: a systematic review and impact on CGRP mAbs migraine therapy. <i>Journal of Headache and Pain</i> , 2021 , 22, 87	8.8	5
134	Pattern of treatment of behavioural and psychological symptoms of dementia and pain: evidence on pharmacoutilization from a large real-world sample and from a centre for cognitive disturbances and dementia. <i>European Journal of Clinical Pharmacology</i> , 2021 , 77, 241-249	2.8	15
133	Bergamot rehabilitation Against agitation in dementia (BRAINAID): Study protocol for a randomized, double-blind, placebo-controlled trial to assess the efficacy of furocoumarin-free bergamot loaded in a nanotechnology-based delivery system of the essential oil in the treatment of agitation in elderly affected by severe dementia. <i>Phytotherapy Research</i> , 2021 , 35, 5333-5338	6.7	9
132	Natural Products: Evidence for Neuroprotection to Be Exploited in Glaucoma. <i>Nutrients</i> , 2020 , 12,	6.7	8
131	Effects of Aging on Formalin-Induced Pain Behavior and Analgesic Activity of Gabapentin in C57BL/6 Mice. <i>Frontiers in Pharmacology</i> , 2020 , 11, 663	5.6	9
130	The Role of Autophagy in Glaucomatous Optic Neuropathy. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 121	5.7	14
129	Pharmacokinetic Interactions between Herbal Medicines and Drugs: Their Mechanisms and Clinical Relevance. <i>Life</i> , 2020 , 10,	3	12
128	Role of 5-HT1A Receptor in the Anxiolytic-Relaxant Effects of Bergamot Essential Oil in Rodent. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
127	Exploitation of aromatherapy in dementia Impact on pain and neuropsychiatric symptoms 2020 , 713-726		1
126	Pattern of triptans use: a retrospective prescription study in Calabria, Italy. <i>Neural Regeneration Research</i> , 2020 , 15, 1340-1343	4.5	6

125	Effects of caloric restriction on retinal aging and neurodegeneration. <i>Progress in Brain Research</i> , 2020 , 256, 189-207	2.9	4
124	Impact of nutraceuticals on glaucoma: A systematic review. <i>Progress in Brain Research</i> , 2020 , 257, 141-154	4.9	6
123	Effects of the autophagy modulators d-limonene and chloroquine on vimentin levels in SH-SY5Y cells. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 533, 764-769	3.4	2
122	Opioids in Post-stroke Pain: A Systematic Review and Meta-Analysis. <i>Frontiers in Pharmacology</i> , 2020 , 11, 587050	5.6	15
121	Evidence on the neuroprotective properties of brimonidine in glaucoma. <i>Progress in Brain Research</i> , 2020 , 257, 155-166	2.9	2
120	Pain Assessment and Treatment in Dementia at the Time of Coronavirus Disease COVID-19. <i>Frontiers in Neurology</i> , 2020 , 11, 890	4.1	18
119	The tricyclic antidepressant clomipramine inhibits neuronal autophagic flux. <i>Scientific Reports</i> , 2019 , 9, 4881	4.9	8
118	New Trends in Migraine Pharmacology: Targeting Calcitonin Gene-Related Peptide (CGRP) With Monoclonal Antibodies. <i>Frontiers in Pharmacology</i> , 2019 , 10, 363	5.6	35
117	Anxiolytic-Like Effects of Bergamot Essential Oil Are Insensitive to Flumazenil in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019 , 2019, 2156873	2.3	20
116	Neuropharmacology of the Neuropsychiatric Symptoms of Dementia and Role of Pain: Essential Oil of Bergamot as a Novel Therapeutic Approach. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
115	Eptinezumab for the treatment of migraine. <i>Drugs of Today</i> , 2019 , 55, 695-703	2.5	12
114	Neuropharmacological Properties of the Essential Oil of Bergamot for the Clinical Management of Pain-Related BPSDs. <i>Current Medicinal Chemistry</i> , 2019 , 26, 3764-3774	4.3	21
113	Diabetic retinopathy and age-related macular degeneration: a survey of pharmacoutilization and cost in Calabria, Italy. <i>Neural Regeneration Research</i> , 2019 , 14, 1445-1448	4.5	2
112	Azithromycin Affords Neuroprotection in Rat Undergone Transient Focal Cerebral Ischemia. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1256	5.1	6
111	Early LC3 lipidation induced by d-limonene does not rely on mTOR inhibition, ERK activation and ROS production and it is associated with reduced clonogenic capacity of SH-SY5Y neuroblastoma cells. <i>Phytomedicine</i> , 2018 , 40, 98-105	6.5	16
110	Antinociceptive effect of inhalation of the essential oil of bergamot in mice. <i>Phytotherapy Research</i> , 2018 , 129, 20-24	3.2	27
109	Rational Basis for Nutraceuticals in the Treatment of Glaucoma. <i>Current Neuropharmacology</i> , 2018 , 16, 1004-1017	7.6	14
108	Glaucoma and Alzheimer Disease: One Age-Related Neurodegenerative Disease of the Brain. <i>Current Neuropharmacology</i> , 2018 , 16, 971-977	7.6	69

107	Evidence for accuracy of pain assessment and painkillers utilization in neuropsychiatric symptoms of dementia in Calabria region, Italy. <i>Neural Regeneration Research</i> , 2018 , 13, 1619-1621	4.5	17
106	Rapamycin and fasting sustain autophagy response activated by ischemia/reperfusion injury and promote retinal ganglion cell survival. <i>Cell Death and Disease</i> , 2018 , 9, 981	9.8	53
105	Aromatherapy and Aromatic Plants for the Treatment of Behavioural and Psychological Symptoms of Dementia in Patients with Alzheimer's Disease: Clinical Evidence and Possible Mechanisms. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017 , 2017, 9416305	2.3	23
104	Bergamot Essential Oil Attenuates Anxiety-Like Behaviour in Rats. <i>Molecules</i> , 2017 , 22,	4.8	35
103	The need for better access to pain treatment: learning from drug consumption trends in the USA. <i>Functional Neurology</i> , 2017 , 22, 229-230	2.2	20
102	Post-ischemic treatment with azithromycin protects ganglion cells against retinal ischemia/reperfusion injury in the rat. <i>Molecular Vision</i> , 2017 , 23, 911-921	2.3	16
101	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
100	Azithromycin protects mice against ischemic stroke injury by promoting macrophage transition towards M2 phenotype. <i>Experimental Neurology</i> , 2016 , 275 Pt 1, 116-25	5.7	61
99	Caspase-1-independent Maturation of IL-1 β in Ischemic Brain Injury: is there a Role for Gelatinases?. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 729-37	3.2	10
98	Rational Basis for the Use of Bergamot Essential Oil in Complementary Medicine to Treat Chronic Pain. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 721-8	3.2	15
97	Retinal ganglion cell death in glaucoma: Exploring the role of neuroinflammation. <i>European Journal of Pharmacology</i> , 2016 , 787, 134-42	5.3	59
96	Autophagy dysregulation and the fate of retinal ganglion cells in glaucomatous optic neuropathy. <i>Progress in Brain Research</i> , 2015 , 220, 87-105	2.9	24
95	Spinal autophagy is differently modulated in distinct mouse models of neuropathic pain. <i>Molecular Pain</i> , 2015 , 11, 3	3.4	39
94	Natural compounds and retinal ganglion cell neuroprotection. <i>Progress in Brain Research</i> , 2015 , 220, 257-81	2.8	12
93	Links among glaucoma, neurodegenerative, and vascular diseases of the central nervous system. <i>Progress in Brain Research</i> , 2015 , 221, 49-65	2.9	42
92	Exploitation of cytotoxicity of some essential oils for translation in cancer therapy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 397821	2.3	59
91	Intravitreal injection of forskolin, homotaurine, and L-carnosine affords neuroprotection to retinal ganglion cells following retinal ischemic injury. <i>Molecular Vision</i> , 2015 , 21, 718-29	2.3	29
90	Role of D-Limonene in autophagy induced by bergamot essential oil in SH-SY5Y neuroblastoma cells. <i>PLoS ONE</i> , 2014 , 9, e113682	3.7	32

89	Early reperfusion injury is associated to MMP2 and IL-1 β elevation in cortical neurons of rats subjected to middle cerebral artery occlusion. <i>Neuroscience</i> , 2014 , 277, 755-63	3.9	25
88	The essential oil of bergamot stimulates reactive oxygen species production in human polymorphonuclear leukocytes. <i>Phytotherapy Research</i> , 2014 , 28, 1232-9	6.7	26
87	Understanding the multifaceted role of inflammatory mediators in ischemic stroke. <i>Current Medicinal Chemistry</i> , 2014 , 21, 2098-117	4.3	31
86	Implication of limonene and linalyl acetate in cytotoxicity induced by bergamot essential oil in human neuroblastoma cells. <i>Phytotherapy Research</i> , 2013 , 27, 48-57	3.2	51
85	Peripherally injected linalool and bergamot essential oil attenuate mechanical allodynia via inhibiting spinal ERK phosphorylation. <i>Pharmacology Biochemistry and Behavior</i> , 2013 , 103, 735-41	3.9	31
84	In search of new targets for retinal neuroprotection: is there a role for autophagy?. <i>Current Opinion in Pharmacology</i> , 2013 , 13, 72-7	5.1	24
83	Impairment of neuronal glutamate uptake and modulation of the glutamate transporter GLT-1 induced by retinal ischemia. <i>PLoS ONE</i> , 2013 , 8, e69250	3.7	18
82	Death in pain: peripheral nerve injury and spinal neurodegenerative mechanisms. <i>Current Opinion in Pharmacology</i> , 2012 , 12, 49-54	5.1	3
81	Modulation of RAGE isoforms expression in the brain and plasma of rats exposed to transient focal cerebral ischemia. <i>Neurochemical Research</i> , 2012 , 37, 1508-16	4.6	13
80	New trends in pain research: from basic research to clinical translation. <i>Functional Neurology</i> , 2012 , 27, 253-5	2.2	
79	Local Peripheral Effects of α -Caryophyllene through CB $_2$ Receptors in Neuropathic Pain in Mice. <i>Pharmacology & Pharmacy</i> , 2012 , 03, 397-403	0.3	13
78	Toxic profile of bergamot essential oil on survival and proliferation of SH-SY5Y neuroblastoma cells. <i>Food and Chemical Toxicology</i> , 2011 , 49, 2780-92	4.7	22
77	Intraplantar injection of bergamot essential oil induces peripheral antinociception mediated by opioid mechanism. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 97, 436-43	3.9	59
76	Autophagy impairment in a mouse model of neuropathic pain. <i>Molecular Pain</i> , 2011 , 7, 83	3.4	59
75	Neuroprotection by leptin in a rat model of permanent cerebral ischemia: effects on STAT3 phosphorylation in discrete cells of the brain. <i>Cell Death and Disease</i> , 2011 , 2, e238	9.8	40
74	Calpain-mediated cleavage of Beclin-1 and autophagy deregulation following retinal ischemic injury in vivo. <i>Cell Death and Disease</i> , 2011 , 2, e144	9.8	142
73	Identification of distinct cellular pools of interleukin-1 β during the evolution of the neuroinflammatory response induced by transient middle cerebral artery occlusion in the brain of rat. <i>Brain Research</i> , 2010 , 1313, 259-69	3.7	29
72	Neuropharmacology of the essential oil of bergamot. <i>Phytotherapy Research</i> , 2010 , 24, 453-61	3.2	81

71	(-)-Linalool attenuates allodynia in neuropathic pain induced by spinal nerve ligation in c57/bl6 mice. <i>International Review of Neurobiology</i> , 2009 , 85, 221-35	4.4	26
70	Intraplantar injection of bergamot essential oil into the mouse hindpaw: effects on capsaicin-induced nociceptive behaviors. <i>International Review of Neurobiology</i> , 2009 , 85, 237-48	4.4	34
69	Identification of novel pharmacological targets to minimize excitotoxic retinal damage. <i>International Review of Neurobiology</i> , 2009 , 85, 407-23	4.4	24
68	Prevention of Glutamate Accumulation and Upregulation of Phospho-Akt may Account for Neuroprotection Afforded by Bergamot Essential Oil against Brain Injury Induced by Focal Cerebral Ischemia in Rat. <i>International Review of Neurobiology</i> , 2009 , 85, 389-405	4.4	23
67	Post-ischemic brain damage: pathophysiology and role of inflammatory mediators. <i>FEBS Journal</i> , 2009 , 276, 13-26	5.7	316
66	Effects of systemic administration of the essential oil of bergamot (BEO) on gross behaviour and EEG power spectra recorded from the rat hippocampus and cerebral cortex. <i>Functional Neurology</i> , 2009 , 24, 107-12	2.2	23
65	Modulation of pro-survival and death-associated pathways under retinal ischemia/reperfusion: effects of NMDA receptor blockade. <i>Journal of Neurochemistry</i> , 2008 , 107, 1347-57	6	42
64	Potential roles of (endo)cannabinoids in the treatment of glaucoma: from intraocular pressure control to neuroprotection. <i>Progress in Brain Research</i> , 2008 , 173, 451-64	2.9	40
63	Brain regional and cellular localization of gelatinase activity in rat that have undergone transient middle cerebral artery occlusion. <i>Neuroscience</i> , 2008 , 152, 8-17	3.9	56
62	Rational basis for the development of coenzyme Q10 as a neurotherapeutic agent for retinal protection. <i>Progress in Brain Research</i> , 2008 , 173, 575-82	2.9	48
61	17Beta-estradiol prevents retinal ganglion cell loss induced by acute rise of intraocular pressure in rat. <i>Progress in Brain Research</i> , 2008 , 173, 583-90	2.9	58
60	The essential oil of bergamot enhances the levels of amino acid neurotransmitters in the hippocampus of rat: implication of monoterpene hydrocarbons. <i>Pharmacological Research</i> , 2007 , 55, 255-62	10.2	42
59	Neuroprotective effect of nitroglycerin in a rodent model of ischemic stroke: evaluation of Bcl-2 expression. <i>International Review of Neurobiology</i> , 2007 , 82, 423-35	4.4	17
58	Identification of transglutaminase 3 splicing isoforms. <i>Journal of Investigative Dermatology</i> , 2007 , 127, 1791-4	4.3	2
57	Cell signaling pathways in the mechanisms of neuroprotection afforded by bergamot essential oil against NMDA-induced cell death in vitro. <i>British Journal of Pharmacology</i> , 2007 , 151, 518-29	8.6	77
56	Modulation of the endocannabinoid system by focal brain ischemia in the rat is involved in neuroprotection afforded by 17beta-estradiol. <i>FEBS Journal</i> , 2007 , 274, 4464-775	5.7	43
55	Evidence implicating matrix metalloproteinases in the mechanism underlying accumulation of IL-1beta and neuronal apoptosis in the neocortex of HIV/gp120-exposed rats. <i>International Review of Neurobiology</i> , 2007 , 82, 407-21	4.4	18
54	Early upregulation of matrix metalloproteinases following reperfusion triggers neuroinflammatory mediators in brain ischemia in rat. <i>International Review of Neurobiology</i> , 2007 , 82, 149-69	4.4	48

53	Evidence to implicate early modulation of interleukin-1beta expression in the neuroprotection afforded by 17beta-estradiol in male rats undergone transient middle cerebral artery occlusion. <i>International Review of Neurobiology</i> , 2007 , 82, 357-72	4.4	29
52	Involvement of the endocannabinoid system in retinal damage after high intraocular pressure-induced ischemia in rats. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 2997-3004		93
51	Retinal damage caused by high intraocular pressure-induced transient ischemia is prevented by coenzyme Q10 in rat. <i>International Review of Neurobiology</i> , 2007 , 82, 397-406	4.4	90
50	17beta-estradiol protects SH-SY5Y Cells against HIV-1 gp120-induced cell death: evidence for a role of estrogen receptors. <i>NeuroToxicology</i> , 2005 , 26, 905-13	4.4	17
49	17beta-estradiol reduces neuronal apoptosis induced by HIV-1 gp120 in the neocortex of rat. <i>NeuroToxicology</i> , 2005 , 26, 893-903	4.4	26
48	From clinical evidence to molecular mechanisms underlying neuroprotection afforded by estrogens. <i>Pharmacological Research</i> , 2005 , 52, 119-32	10.2	163
47	Neuroprotection by the caspase-1 inhibitor Ac-YVAD-(acyloxy)mk in experimental neuroAIDS is independent from IL-1beta generation. <i>Cell Death and Differentiation</i> , 2005 , 12 Suppl 1, 999-1001	12.7	13
46	Enhanced anandamide degradation is associated with neuronal apoptosis induced by the HIV-1 coat glycoprotein gp120 in the rat neocortex. <i>Journal of Neurochemistry</i> , 2004 , 89, 1293-300	6	19
45	Involvement of a glutamergic mechanism in gamma-dendrotoxin-induced hippocampal neuronal cell loss in the rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 94, 132-8	3.1	6
44	Inducible nitric oxide synthase is involved in the mechanisms of cocaine enhanced neuronal apoptosis induced by HIV-1 gp120 in the neocortex of rat. <i>Neuroscience Letters</i> , 2004 , 356, 183-6	3.3	34
43	Estradiol reduces cytochrome c translocation and minimizes hippocampal damage caused by transient global ischemia in rat. <i>Neuroscience Letters</i> , 2004 , 368, 87-91	3.3	50
42	The Tat antagonist neomycin B hexa-arginine conjugate inhibits gp-120-induced death of human neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2003 , 84, 1237-45	6	20
41	Neurobiological mediators of neuronal apoptosis in experimental neuroAIDS. <i>Toxicology Letters</i> , 2003 , 139, 199-206	4.4	15
40	Caspase-1 inhibitors abolish deleterious enhancement of COX-2 expression induced by HIV-1 gp120 in human neuroblastoma cells. <i>Toxicology Letters</i> , 2003 , 139, 213-9	4.4	22
39	Cholesterol-dependent modulation of the toxicity of HIV-1 coat protein gp120 in human neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2002 , 82, 1444-52	6	10
38	Abnormal expression of neuronal nitric oxide synthase triggers limbic seizures and hippocampal damage in rat. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 291, 255-60	3.4	27
37	Exploitation of the HIV-1 coat glycoprotein, gp120, in neurodegenerative studies in vivo. <i>Journal of Neurochemistry</i> , 2001 , 79, 1-8	6	31
36	Evidence that increases of mitochondrial immunoreactive IL-1beta by HIV-1 gp120 implicate in situ cleavage of pro-IL-1beta in the neocortex of rat. <i>Journal of Neurochemistry</i> , 2001 , 78, 611-8	6	23

35	HIV-1 coat protein gp120 stimulates interleukin-1beta secretion from human neuroblastoma cells: evidence for a role in the mechanism of cell death. <i>British Journal of Pharmacology</i> , 2001 , 134, 1344-50	8.6	29
34	Evidence that the HIV-1 coat protein gp120 causes neuronal apoptosis in the neocortex of rat via a mechanism involving CXCR4 chemokine receptor. <i>Neuroscience Letters</i> , 2001 , 312, 67-70	3.3	58
33	gp120 induces cell death in human neuroblastoma cells through the CXCR4 and CCR5 chemokine receptors. <i>Journal of Neurochemistry</i> , 2000 , 74, 2373-9	6	96
32	HIV-1 coat glycoprotein gp120 induces apoptosis in rat brain neocortex by deranging the arachidonate cascade in favor of prostanoids. <i>Journal of Neurochemistry</i> , 2000 , 75, 196-203	6	29
31	Apoptosis induced by gp120 in the neocortex of rat involves enhanced expression of cyclooxygenase type 2 and is prevented by NMDA receptor antagonists and by the 21-aminosteroid U-74389G. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 274, 664-9	3.4	40
30	Involvement of interleukin-1beta in the mechanism of human immunodeficiency virus type 1 (HIV-1) recombinant protein gp120-induced apoptosis in the neocortex of rat. <i>Neuroscience</i> , 1999 , 89, 1051-66	3.9	75
29	Paraquat: a useful tool for the in vivo study of mechanisms of neuronal cell death. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998 , 83, 1-7		53
28	The HIV envelope protein gp120 in the nervous system: interactions with nitric oxide, interleukin-1beta and nerve growth factor signalling, with pathological implications in vivo and in vitro. <i>Biochemical Pharmacology</i> , 1998 , 56, 153-6	6	39
27	HIV-1 gp120-induced apoptosis in the rat neocortex involves enhanced expression of cyclo-oxygenase type 2 (COX-2). <i>Biochemical and Biophysical Research Communications</i> , 1998 , 244, 819-24	2.4	60
26	Requirement for membrane lipid peroxidation in HIV-1 gp120-induced neuroblastoma cell death. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 246, 686-9	3.4	18
25	Cytotoxic effect of HIV-1 coat glycoprotein gp120 on human neuroblastoma CHP100 cells involves activation of the arachidonate cascade. <i>Biochemical Journal</i> , 1998 , 333 (Pt 1), 45-9	3.8	53
24	The human immunodeficiency virus type 1 (HIV-1) glycoprotein gp120 reduces the expression of neuronal nitric oxide synthase in the hippocampus but not in the cerebral cortex and medial septal nucleus of rat. <i>Neuroscience Letters</i> , 1997 , 224, 75-8	3.3	13
23	S-nitrosylation regulates apoptosis. <i>Nature</i> , 1997 , 388, 432-3	50.4	408
22	Nitric oxide-donor compounds inhibit lipoxygenase activity. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 219, 128-33	3.4	41
21	NMDA and HIV-1 coat protein, GP120, produce necrotic but not apoptotic cell death in human CHP100 neuroblastoma cultures via a mechanism involving calpain. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 229, 299-304	3.4	34
20	Intracerebral injection of human immunodeficiency virus type 1 coat protein gp120 differentially affects the expression of nerve growth factor and nitric oxide synthase in the hippocampus of rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 928-33	11.5	58
19	The HIV-1 gp120 causes ultrastructural changes typical of apoptosis in the rat cerebral cortex. <i>NeuroReport</i> , 1996 , 7, 1722-4	1.7	58
18	Nitric oxide modulates agonist-evoked Ca ²⁺ release and influx responses in PC12-64 cells. <i>European Journal of Pharmacology</i> , 1995 , 289, 113-23		18

17	Death of cultured human neuroblastoma cells induced by HIV-1 gp120 is prevented by NMDA receptor antagonists and inhibitors of nitric oxide and cyclooxygenase. <i>Experimental Neurology</i> , 1995 , 4, 315-21		45
16	HIV-1 gp120 produces DNA fragmentation in the cerebral cortex of rat. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 211, 130-6	3-4	62
15	Does the HIV-1 coat protein gp120 produce brain damage?. <i>Trends in Pharmacological Sciences</i> , 1994 , 15, 362-3	13-2	4
14	N-methyl-D-aspartate-induced excessive formation of nitric oxide in CHP100 neuroblastoma cells produces death of BMEL melanoma cells in co-culture. <i>Neuropharmacology</i> , 1994 , 33, 1071-7	5-5	8
13	Lithium and tacrine increase the expression of nitric oxide synthase mRNA in the hippocampus of rat. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 197, 1132-9	3-4	56
12	Determination of paraquat in rat brain by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1993 , 643, 419-25	4-5	38
11	Neurotoxic effects induced by intracerebral and systemic injection of paraquat in rats. <i>Human and Experimental Toxicology</i> , 1992 , 11, 535-9	3-4	34
10	Evidence that CHP100 neuroblastoma cell death induced by N-methyl-D-aspartate involves L-arginine-nitric oxide pathway activation. <i>Neuroscience Letters</i> , 1992 , 147, 221-3	3-3	30
9	Epileptogenic effects of skin extracts from the Australian frog <i>Pseudophryne coriacea</i> after intracerebral microinfusion in rats. <i>Toxicol</i> , 1992 , 30, 197-201	2-8	1
8	Production of limbic motor seizures and brain damage by systemic and intracerebral injections of paraquat in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1992 , 71, 443-8		36
7	Age-related changes in Cu,Zn superoxide dismutase, Se-dependent and -independent glutathione peroxidase and catalase activities in specific areas of rat brain. <i>Mechanisms of Ageing and Development</i> , 1991 , 61, 287-97	5-6	48
6	High vulnerability of dentate granule cells to the neuropathological effects induced by intrahippocampal injection of tetanus toxin. <i>Neuropharmacology</i> , 1991 , 30, 803-8	5-5	8
5	Determination of paraquat in rat brain using ion-pair solid-phase extraction and reversed-phase high-performance liquid chromatography with ultraviolet detection. <i>Biomedical Applications</i> , 1990 , 527, 189-95		36
4	Behavioural and neuropathological effects produced by tetanus toxin injected into the hippocampus of rats. <i>Neuropharmacology</i> , 1990 , 29, 765-70	5-5	25
3	Behavioural and electrocortical changes induced by muscimol in rats withdrawn from chronic treatment with diazepam. <i>Neuropharmacology</i> , 1987 , 26, 725-30	5-5	3
2	Behavioural and ECoG spectrum power effects after intraventricular injection of drugs altering dopaminergic transmission in rats. <i>Neuropharmacology</i> , 1987 , 26, 1047-52	5-5	14
1	Electrocortical spectrum power effects of different classes of neuroleptics in rats. <i>Journal of Psychiatric Research</i> , 1987 , 21, 93-9	5-2	4