Giacinto Bagetta

List of Publications by Year in Descending Order

227 papers	7,489 citations	45 h-index	76 g-index
263 ext. papers	8,898 ext. citations	4.9 avg, IF	5.66 L-index

#	Paper	IF	Citations
227	Preclinical Characterization of Antinociceptive Effect of Bergamot Essential Oil and of Its Fractions for Rational Translation in Complementary Therapy.. *Pharmaceutics*, **2022**, 14,	6.4	3
226	PEA-OXA ameliorates allodynia, neuropsychiatric and adipose tissue remodeling induced by social isolation.. *Neuropharmacology*, **2022**, 108978	5.5	0
225	Dementia and COVID-19: A Case Report and Literature Review on Pain Management.. *Pharmaceuticals*, **2022**, 15,	5.2	4
224	ROBOCOP (ROBOtic Care of Poststroke Pain): Study Protocol for a Randomized Trial to Assess Robot-Assisted Functional and Motor Recovery and Impact on Poststroke Pain Development.. *Frontiers in Neurology*, **2022**, 13, 813282	4.1	1
223	Ischemic Preconditioning Modulates the Peripheral Innate Immune System to Promote Anti-Inflammatory and Protective Responses in Mice Subjected to Focal Cerebral Ischemia.. *Frontiers in Immunology*, **2022**, 13, 825834	8.4	1
222	Homo-AMPA in the periaqueductal grey modulates pain and rostral ventromedial medulla activity in diabetic neuropathic mice.. *Neuropharmacology*, **2022**, 109047	5.5	0
221	CBR, CBR and TRPV1 expression and modulation in in vivo, animal glaucoma models: A systematic review.. *Biomedicine and Pharmacotherapy*, **2022**, 150, 112981	7.5	0
220	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. *Brain Sciences*, **2022**, 12, 573	3.4	1
219	Translational Value of the Transdermal Administration of Bergamot Essential Oil and of Its Fractions. *Pharmaceutics*, **2022**, 14, 1006	6.4	1
218	Pain and agitation treatment in severe dementia patients: The need for Italian Mobilization□Observation□Behavior□Intensity□Dementia (I-MOBID2) pain scale translation, adaptation and validation with psychometric testing. *Biomedicine and Pharmacotherapy*, **2022**, 150, 113013	7.5	1
217	Is there a rational basis for cannabinoids research and development in ocular pain therapy? A systematic review of preclinical evidence. *Biomedicine and Pharmacotherapy*, **2021**, 146, 112505	7.5	2
216	New trends in pharmacological control of neuropsychiatric symptoms of dementia. *Current Opinion in Pharmacology*, **2021**, 61, 69-76	5.1	4
215	Development and Translation of NanoBEO, a Nanotechnology-Based Delivery System of Bergamot Essential Oil Deprived of Furocumarins, in the Control of Agitation in Severe Dementia. *Pharmaceutics*, **2021**, 13,	6.4	11
214	Efficacy of Essential Oils in Pain: A Systematic Review and Meta-Analysis of Preclinical Evidence. *Frontiers in Pharmacology*, **2021**, 12, 640128	5.6	9
213	Systemic administration of sunflower oil exerts neuroprotection in a mouse model of transient focal cerebral ischaemia. *Journal of Pharmacy and Pharmacology*, **2021**,	4.8	2
212	Role of CGRP pathway polymorphisms in migraine: a systematic review and impact on CGRP mAbs migraine therapy. *Journal of Headache and Pain*, **2021**, 22, 87	8.8	5
211	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. *European Journal of Clinical Pharmacology*, **2021**, 77, 241-249	2.8	15

210	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. *Phytotherapy Research*, **2021**, 35, 5333-5338	6.7	9
209	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
208	Aromatherapy in Stroke Patients: Is it Time to Begin?. *Frontiers in Behavioral Neuroscience*, **2021**, 15, 749353	3.3	2
207	Natural Products: Evidence for Neuroprotection to Be Exploited in Glaucoma. *Nutrients*, **2020**, 12,	6.7	8
206	Effects of Aging on Formalin-Induced Pain Behavior and Analgesic Activity of Gabapentin in C57BL/6 Mice. *Frontiers in Pharmacology*, **2020**, 11, 663	5.6	9
205	Modulation of Cerebral Store-operated Calcium Entry-regulatory Factor (SARAF) and Peripheral Orai1 Following Focal Cerebral Ischemia and Preconditioning in Mice. *Neuroscience*, **2020**, 441, 8-21	3.9	11
204	The Role of Autophagy in Glaucomatous Optic Neuropathy. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 121	5.7	14
203	Pharmacokinetic Interactions between Herbal Medicines and Drugs: Their Mechanisms and Clinical Relevance. *Life*, **2020**, 10,	3	12
202	Role of 5-HT1A Receptor in the Anxiolytic-Relaxant Effects of Bergamot Essential Oil in Rodent. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	11
201	Multicentre translational Trial of Remote Ischaemic Conditioning in Acute Ischaemic Stroke (TRICS): protocol of multicentre, parallel group, randomised, preclinical trial in female and male rat and mouse from the Italian Stroke Organization (ISO) Basic Science network.. *BMJ Open Science*, **2020**, 4, e100063	4.6	5
200	Exploitation of aromatherapy in dementia: impact on pain and neuropsychiatric symptoms **2020**, 713-726		1
199	Pattern of triptans use: a retrospective prescription study in Calabria, Italy. *Neural Regeneration Research*, **2020**, 15, 1340-1343	4.5	6
198	Effects of caloric restriction on retinal aging and neurodegeneration. *Progress in Brain Research*, **2020**, 256, 189-207	2.9	4
197	Impact of nutraceuticals on glaucoma: A systematic review. *Progress in Brain Research*, **2020**, 257, 141-154	2.9	6
196	Behavioral Effects of Continuously Administered Bergamot Essential Oil on Mice With Partial Sciatic Nerve Ligation. *Frontiers in Pharmacology*, **2020**, 11, 1310	5.6	6
195	Effects of the autophagy modulators d-limonene and chloroquine on vimentin levels in SH-SY5Y cells. *Biochemical and Biophysical Research Communications*, **2020**, 533, 764-769	3.4	2
194	Contribution of Histamine to Nociceptive Behaviors Induced by Intrathecally Administered Cholecystokinin-8. *Frontiers in Pharmacology*, **2020**, 11, 590918	5.6	1
193	Opioids in Post-stroke Pain: A Systematic Review and Meta-Analysis. *Frontiers in Pharmacology*, **2020**, 11, 587050	5.6	15

192	Evidence on the neuroprotective properties of brimonidine in glaucoma. *Progress in Brain Research*, **2020**, 257, 155-166	2.9	2
191	Brain networks reorganization and functional disability in glaucoma. *Progress in Brain Research*, **2020**, 257, 65-76	2.9	2
190	Pain Assessment and Treatment in Dementia at the Time of Coronavirus Disease COVID-19. *Frontiers in Neurology*, **2020**, 11, 890	4.1	18
189	The tricyclic antidepressant clomipramine inhibits neuronal autophagic flux. *Scientific Reports*, **2019**, 9, 4881	4.9	8
188	New Trends in Migraine Pharmacology: Targeting Calcitonin Gene-Related Peptide (CGRP) With Monoclonal Antibodies. *Frontiers in Pharmacology*, **2019**, 10, 363	5.6	35
187	Anxiolytic-Like Effects of Bergamot Essential Oil Are Insensitive to Flumazenil in Rats. *Evidence-based Complementary and Alternative Medicine*, **2019**, 2019, 2156873	2.3	20
186	Neuropharmacology of the Neuropsychiatric Symptoms of Dementia and Role of Pain: Essential Oil of Bergamot as a Novel Therapeutic Approach. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	21
185	Eptinezumab for the treatment of migraine. *Drugs of Today*, **2019**, 55, 695-703	2.5	12
184	Neuropharmacological Properties of the Essential Oil of Bergamot for the Clinical Management of Pain-Related BPSDs. *Current Medicinal Chemistry*, **2019**, 26, 3764-3774	4.3	21
183	Diabetic retinopathy and age-related macular degeneration: a survey of pharmacoutilization and cost in Calabria, Italy. *Neural Regeneration Research*, **2019**, 14, 1445-1448	4.5	2
182	Azithromycin Affords Neuroprotection in Rat Undergone Transient Focal Cerebral Ischemia. *Frontiers in Neuroscience*, **2019**, 13, 1256	5.1	6
181	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. *Phytomedicine*, **2018**, 40, 98-105	6.5	16
180	Neuroprotective agents in the management of glaucoma. *Eye*, **2018**, 32, 938-945	4.4	52
179	Paradigm Shift to Neuroimmunomodulation for Translational Neuroprotection in Stroke. *Frontiers in Neuroscience*, **2018**, 12, 241	5.1	14
178	On the Role of Store-Operated Calcium Entry in Acute and Chronic Neurodegenerative Diseases. *Frontiers in Molecular Neuroscience*, **2018**, 11, 87	6.1	45
177	Antinociceptive effect of inhalation of the essential oil of bergamot in mice. *Fitoterap*, **2018**, 129, 20-24	3.2	27
176	Glaucoma and Alzheimer Disease: One Age-Related Neurodegenerative Disease of the Brain. *Current Neuropharmacology*, **2018**, 16, 971-977	7.6	69
175	Evidence for accuracy of pain assessment and painkillers utilization in neuropsychiatric symptoms of dementia in Calabria region, Italy. *Neural Regeneration Research*, **2018**, 13, 1619-1621	4.5	17

174	Rapamycin and fasting sustain autophagy response activated by ischemia/reperfusion injury and promote retinal ganglion cell survival. *Cell Death and Disease*, **2018**, 9, 981	9.8	53
173	Possible involvement of the peripheral Mu-opioid system in antinociception induced by bergamot essential oil to allodynia after peripheral nerve injury. *Neuroscience Letters*, **2018**, 686, 127-132	3.3	5
172	Polarization of Microglia/Macrophages in Brain Ischaemia: Relevance for Stroke Therapy. *Springer Series in Translational Stroke Research*, **2017**, 303-328	0.1	
171	Neuroprotective Therapy for Stroke and Ischemic Disease. *Springer Series in Translational Stroke Research*, **2017**,	0.1	11
170	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. *Evidence-based Complementary and Alternative Medicine*, **2017**, 2017, 9416305	2.3	23
169	Bergamot Essential Oil Attenuates Anxiety-Like Behaviour in Rats. *Molecules*, **2017**, 22,	4.8	35
168	Excitatory and inhibitory amino acid neurotransmitters in stroke: from neurotoxicity to ischemic tolerance. *Current Opinion in Pharmacology*, **2017**, 35, 111-119	5.1	37
167	16. Role of nitric oxide and nerve growth factor in the mechanisms of neurotoxicity induced by the HIV-1 coat protein gp l 20 in rat **2017**, 145-154		
166	22. Evidence that nitric oxide induces apoptotic cell death in the lateral geniculate nucleus of dark-reared rabbits **2017**, 219-226		
165	The need for better access to pain treatment: learning from drug consumption trends in the USA. *Functional Neurology*, **2017**, 22, 229-230	2.2	20
164	Post-ischemic treatment with azithromycin protects ganglion cells against retinal ischemia/reperfusion injury in the rat. *Molecular Vision*, **2017**, 23, 911-921	2.3	16
163	Opioids Resistance in Chronic Pain Management. *Current Neuropharmacology*, **2017**, 15, 444-456	7.6	32
162	Rescuing Ischemic Brain Injury by Targeting the Immune Response through Repositioned Drugs **2017**, 287-302		
161	Drug repurposing for immune modulation in acute ischemic stroke. *Current Opinion in Pharmacology*, **2016**, 26, 124-30	5.1	32
160	Azithromycin protects mice against ischemic stroke injury by promoting macrophage transition towards M2 phenotype. *Experimental Neurology*, **2016**, 275 Pt 1, 116-25	5.7	61
159	Involvement of spinal glutamate in nociceptive behavior induced by intrathecal administration of hemokinin-1 in mice. *Neuroscience Letters*, **2016**, 617, 236-9	3.3	6
158	Caspase-1-independent Maturation of IL-1 In Ischemic Brain Injury: is there a Role for Gelatinases?. *Mini-Reviews in Medicinal Chemistry*, **2016**, 16, 729-37	3.2	10
157	Rational Basis for the Use of Bergamot Essential Oil in Complementary Medicine to Treat Chronic Pain. *Mini-Reviews in Medicinal Chemistry*, **2016**, 16, 721-8	3.2	15

156	Retinal ganglion cell death in glaucoma: Exploring the role of neuroinflammation. *European Journal of Pharmacology*, **2016**, 787, 134-42	5.3	59
155	New strategies for neuroprotection in glaucoma, a disease that affects the central nervous system. *European Journal of Pharmacology*, **2016**, 787, 119-26	5.3	29
154	Poly(ADP-ribose) polymerase is not involved in the neuroprotection exerted by azithromycin against ischemic stroke in mice. *European Journal of Pharmacology*, **2016**, 791, 518-522	5.3	13
153	Neuroprotective Properties of a Macrolide Antibiotic in a Mouse Model of Middle Cerebral Artery Occlusion: Characterization of the Immunomodulatory Effects and Validation of the Efficacy of Intravenous Administration. *Assay and Drug Development Technologies*, **2016**, 14, 298-307	2.1	16
152	Autophagy dysregulation and the fate of retinal ganglion cells in glaucomatous optic neuropathy. *Progress in Brain Research*, **2015**, 220, 87-105	2.9	24
151	Spinal autophagy is differently modulated in distinct mouse models of neuropathic pain. *Molecular Pain*, **2015**, 11, 3	3.4	39
150	Natural compounds and retinal ganglion cell neuroprotection. *Progress in Brain Research*, **2015**, 220, 257-81	2.9	12
149	Links among glaucoma, neurodegenerative, and vascular diseases of the central nervous system. *Progress in Brain Research*, **2015**, 221, 49-65	2.9	42
148	Exploitation of cytotoxicity of some essential oils for translation in cancer therapy. *Evidence-based Complementary and Alternative Medicine*, **2015**, 2015, 397821	2.3	59
147	Effect of plantar subcutaneous administration of bergamot essential oil and linalool on formalin-induced nociceptive behavior in mice. *Biomedical Research*, **2015**, 36, 47-54	1.5	26
146	Rational modulation of the innate immune system for neuroprotection in ischemic stroke. *Frontiers in Neuroscience*, **2015**, 9, 147	5.1	140
145	Activation of RXR/PPAR□ underlies neuroprotection by bexarotene in ischemic stroke. *Pharmacological Research*, **2015**, 102, 298-307	10.2	44
144	Intravitreal injection of forskolin, homotaurine, and L-carnosine affords neuroprotection to retinal ganglion cells following retinal ischemic injury. *Molecular Vision*, **2015**, 21, 718-29	2.3	29
143	Drug repurposing and beyond: the fundamental role of pharmacology. *Functional Neurology*, **2015**, 30, 79-81	2.2	4
142	Role of D-Limonene in autophagy induced by bergamot essential oil in SH-SY5Y neuroblastoma cells. *PLoS ONE*, **2014**, 9, e113682	3.7	32
141	Early reperfusion injury is associated to MMP2 and IL-1□ elevation in cortical neurons of rats subjected to middle cerebral artery occlusion. *Neuroscience*, **2014**, 277, 755-63	3.9	25
140	Neuroprotection by the PARP inhibitor PJ34 modulates cerebral and circulating RAGE levels in rats exposed to focal brain ischemia. *European Journal of Pharmacology*, **2014**, 744, 91-7	5.3	17
139	The essential oil of bergamot stimulates reactive oxygen species production in human polymorphonuclear leukocytes. *Phytotherapy Research*, **2014**, 28, 1232-9	6.7	26

138	Understanding the multifaceted role of inflammatory mediators in ischemic stroke. *Current Medicinal Chemistry*, **2014**, 21, 2098-117	4.3	31
137	Implication of limonene and linalyl acetate in cytotoxicity induced by bergamot essential oil in human neuroblastoma cells. *Fitoterapia*, **2013**, 89, 48-57	3.2	51
136	Peripherally injected linalool and bergamot essential oil attenuate mechanical allodynia via inhibiting spinal ERK phosphorylation. *Pharmacology Biochemistry and Behavior*, **2013**, 103, 735-41	3.9	31
135	Involvement of peripheral cannabinoid and opioid receptors in β-caryophyllene-induced antinociception. *European Journal of Pain*, **2013**, 17, 664-75	3.7	83
134	Brain involvement in glaucoma: advanced neuroimaging for understanding and monitoring a new target for therapy. *Current Opinion in Pharmacology*, **2013**, 13, 128-33	5.1	52
133	In search of new targets for retinal neuroprotection: is there a role for autophagy?. *Current Opinion in Pharmacology*, **2013**, 13, 72-7	5.1	24
132	Impairment of neuronal glutamate uptake and modulation of the glutamate transporter GLT-1 induced by retinal ischemia. *PLoS ONE*, **2013**, 8, e69250	3.7	18
131	The involvement of the spinal release of glutamate and nitric oxide in peripheral noxious stimulation-induced pain-related behaviors--study in mouse spinal microdialysis. *Neuroscience Letters*, **2012**, 515, 111-4	3.3	3
130	Death in pain: peripheral nerve injury and spinal neurodegenerative mechanisms. *Current Opinion in Pharmacology*, **2012**, 12, 49-54	5.1	3
129	New trends in pain research: from basic research to clinical translation. *Functional Neurology*, **2012**, 27, 253-5	2.2	
128	Autophagy: a new way to retinal neuroprotection. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7	
127	Dermorphin tetrapeptide analogs as potent and long-lasting analgesics with pharmacological profiles distinct from morphine. *Peptides*, **2011**, 32, 421-7	3.8	24
126	The protective role of catalase against cerebral ischemia in vitro and in vivo. *International Journal of Immunopathology and Pharmacology*, **2011**, 24, 735-47	3	28
125	Intraplantar injection of bergamot essential oil induces peripheral antinociception mediated by opioid mechanism. *Pharmacology Biochemistry and Behavior*, **2011**, 97, 436-43	3.9	59
124	IkappaB-alpha expression following transient focal cerebral ischemia is modulated by nitric oxide. *Brain Research*, **2011**, 1372, 145-51	3.7	23
123	Autophagy impairment in a mouse model of neuropathic pain. *Molecular Pain*, **2011**, 7, 83	3.4	59
122	Neuroprotection by leptin in a rat model of permanent cerebral ischemia: effects on STAT3 phosphorylation in discrete cells of the brain. *Cell Death and Disease*, **2011**, 2, e238	9.8	40
121	Calpain-mediated cleavage of Beclin-1 and autophagy deregulation following retinal ischemic injury in vivo. *Cell Death and Disease*, **2011**, 2, e144	9.8	142

120	Identification of distinct cellular pools of interleukin-1beta during the evolution of the neuroinflammatory response induced by transient middle cerebral artery occlusion in the brain of rat. *Brain Research*, **2010**, 1313, 259-69	3.7	29
119	Neuropharmacology of the essential oil of bergamot. *Fitoterapia*, **2010**, 81, 453-61	3.2	81
118	Alterations of the endocannabinoid system in an animal model of migraine: evaluation in cerebral areas of rat. *Cephalalgia*, **2010**, 30, 296-302	6.1	45
117	(-)-Linalool attenuates allodynia in neuropathic pain induced by spinal nerve ligation in c57/bl6 mice. *International Review of Neurobiology*, **2009**, 85, 221-35	4.4	26
116	Intraplantar injection of bergamot essential oil into the mouse hindpaw: effects on capsaicin-induced nociceptive behaviors. *International Review of Neurobiology*, **2009**, 85, 237-48	4.4	34
115	Identification of novel pharmacological targets to minimize excitotoxic retinal damage. *International Review of Neurobiology*, **2009**, 85, 407-23	4.4	24
114	Oxidative stress in stroke pathophysiology validation of hydrogen peroxide metabolism as a pharmacological target to afford neuroprotection. *International Review of Neurobiology*, **2009**, 85, 363-74	4.4	27
113	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. *International Review of Neurobiology*, **2009**, 85, 389-405	4.4	23
112	Post-ischemic brain damage: in search of novel neurotherapeutics. *FEBS Journal*, **2009**, 276, 1	5.7	1
111	Post-ischemic brain damage: the endocannabinoid system in the mechanisms of neuronal death. *FEBS Journal*, **2009**, 276, 2-12	5.7	35
110	Post-ischemic brain damage: pathophysiology and role of inflammatory mediators. *FEBS Journal*, **2009**, 276, 13-26	5.7	316
109	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. *Functional Neurology*, **2009**, 24, 107-12	2.2	23
108	Modulation of pro-survival and death-associated pathways under retinal ischemia/reperfusion: effects of NMDA receptor blockade. *Journal of Neurochemistry*, **2008**, 107, 1347-57	6	42
107	Potential roles of (endo)cannabinoids in the treatment of glaucoma: from intraocular pressure control to neuroprotection. *Progress in Brain Research*, **2008**, 173, 451-64	2.9	40
106	Brain regional and cellular localization of gelatinase activity in rat that have undergone transient middle cerebral artery occlusion. *Neuroscience*, **2008**, 152, 8-17	3.9	56
105	Rational basis for the development of coenzyme Q10 as a neurotherapeutic agent for retinal protection. *Progress in Brain Research*, **2008**, 173, 575-82	2.9	48
104	17Beta-estradiol prevents retinal ganglion cell loss induced by acute rise of intraocular pressure in rat. *Progress in Brain Research*, **2008**, 173, 583-90	2.9	58
103	The essential oil of bergamot enhances the levels of amino acid neurotransmitters in the hippocampus of rat: implication of monoterpene hydrocarbons. *Pharmacological Research*, **2007**, 55, 255-62	10.2	42

102	Neuroprotective effect of nitroglycerin in a rodent model of ischemic stroke: evaluation of Bcl-2 expression. *International Review of Neurobiology*, **2007**, 82, 423-35	4.4	17
101	Identification of transglutaminase 3 splicing isoforms. *Journal of Investigative Dermatology*, **2007**, 127, 1791-4	4.3	2
100	Cell signaling pathways in the mechanisms of neuroprotection afforded by bergamot essential oil against NMDA-induced cell death in vitro. *British Journal of Pharmacology*, **2007**, 151, 518-29	8.6	77
99	Modulation of the endocannabinoid system by focal brain ischemia in the rat is involved in neuroprotection afforded by 17beta-estradiol. *FEBS Journal*, **2007**, 274, 4464-775	5.7	43
98	Evidence implicating matrix metalloproteinases in the mechanism underlying accumulation of IL-1beta and neuronal apoptosis in the neocortex of HIV/gp120-exposed rats. *International Review of Neurobiology*, **2007**, 82, 407-21	4.4	18
97	Early upregulation of matrix metalloproteinases following reperfusion triggers neuroinflammatory mediators in brain ischemia in rat. *International Review of Neurobiology*, **2007**, 82, 149-69	4.4	48
96	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. *International Review of Neurobiology*, **2007**, 82, 357-72	4.4	29
95	Involvement of the endocannabinoid system in retinal damage after high intraocular pressure-induced ischemia in rats. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 2997-3004		93
94	Retinal damage caused by high intraocular pressure-induced transient ischemia is prevented by coenzyme Q10 in rat. *International Review of Neurobiology*, **2007**, 82, 397-406	4.4	90
93	Extracellular signal-regulated kinase (ERK) and nitric oxide synthase mediate intrathecal morphine-induced nociceptive behavior. *Neuropharmacology*, **2007**, 52, 1237-43	5.5	28
92	Outcomes of a pharmacoepidemiological survey on the antibiotic treatment of uncomplicated acute cystitis in community. *Pharmacological Research*, **2006**, 53, 193-6	10.2	3
91	17beta-estradiol protects SH-SY5Y Cells against HIV-1 gp120-induced cell death: evidence for a role of estrogen receptors. *NeuroToxicology*, **2005**, 26, 905-13	4.4	17
90	17beta-estradiol reduces neuronal apoptosis induced by HIV-1 gp120 in the neocortex of rat. *NeuroToxicology*, **2005**, 26, 893-903	4.4	26
89	Neurochemical evidence to implicate elevated glutamate in the mechanisms of high intraocular pressure (IOP)-induced retinal ganglion cell death in rat. *NeuroToxicology*, **2005**, 26, 935-41	4.4	121
88	From clinical evidence to molecular mechanisms underlying neuroprotection afforded by estrogens. *Pharmacological Research*, **2005**, 52, 119-32	10.2	163
87	Neuroprotection by the caspase-1 inhibitor Ac-YVAD-(acyloxy)mk in experimental neuroAIDS is independent from IL-1beta generation. *Cell Death and Differentiation*, **2005**, 12 Suppl 1, 999-1001	12.7	13
86	Rational use of antibiotics in acute uncomplicated cystitis: a pharmaco-epidemiological study. *Journal of Chemotherapy*, **2005**, 17, 184-8	2.3	0
85	Enhanced anandamide degradation is associated with neuronal apoptosis induced by the HIV-1 coat glycoprotein gp120 in the rat neocortex. *Journal of Neurochemistry*, **2004**, 89, 1293-300	6	19

84	Involvement of a glutamergic mechanism in gamma-dendrotoxin-induced hippocampal neuronal cell loss in the rat. *Basic and Clinical Pharmacology and Toxicology*, **2004**, 94, 132-8	3.1	6
83	p73-alpha is capable of inducing scotin and ER stress. *Oncogene*, **2004**, 23, 3721-5	9.2	48
82	Transglutaminase 5 is acetylated at the N-terminal end. *Amino Acids*, **2004**, 26, 425-30	3.5	2
81	Inducible nitric oxide synthase is involved in the mechanisms of cocaine enhanced neuronal apoptosis induced by HIV-1 gp120 in the neocortex of rat. *Neuroscience Letters*, **2004**, 356, 183-6	3.3	34
80	Estradiol reduces cytochrome c translocation and minimizes hippocampal damage caused by transient global ischemia in rat. *Neuroscience Letters*, **2004**, 368, 87-91	3.3	50
79	Apoptosis in the mechanisms of neuronal plasticity in the developing visual system. *European Journal of Ophthalmology*, **2003**, 13 Suppl 3, S36-43	1.9	15
78	Neurobiological mediators of neuronal apoptosis in experimental neuroAIDS. *Toxicology Letters*, **2003**, 139, 199-206	4.4	15
77	Excitotoxic mechanisms of apoptosis in the mammalian visual system following monocular visual deprivation. *Basic and Clinical Pharmacology and Toxicology*, **2002**, 91, 153-7		4
76	Cholesterol-dependent modulation of the toxicity of HIV-1 coat protein gp120 in human neuroblastoma cells. *Journal of Neurochemistry*, **2002**, 82, 1444-52	6	10
75	Abnormal expression of neuronal nitric oxide synthase triggers limbic seizures and hippocampal damage in rat. *Biochemical and Biophysical Research Communications*, **2002**, 291, 255-60	3.4	27
74	Exploitation of the HIV-1 coat glycoprotein, gp120, in neurodegenerative studies in vivo. *Journal of Neurochemistry*, **2001**, 79, 1-8	6	31
73	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. *Journal of Neurochemistry*, **2001**, 78, 611-8	6	23
72	CXCR4-activated astrocyte glutamate release via TNFalpha: amplification by microglia triggers neurotoxicity. *Nature Neuroscience*, **2001**, 4, 702-10	25.5	876
71	HIV-1 coat protein gp120 stimulates interleukin-1beta secretion from human neuroblastoma cells: evidence for a role in the mechanism of cell death. *British Journal of Pharmacology*, **2001**, 134, 1344-50	8.6	29
70	Functional role of inducible nitric oxide synthase on mouse colonic motility. *Neuroscience Letters*, **2001**, 311, 101-4	3.3	15
69	Evidence that the HIV-1 coat protein gp120 causes neuronal apoptosis in the neocortex of rat via a mechanism involving CXCR4 chemokine receptor. *Neuroscience Letters*, **2001**, 312, 67-70	3.3	58
68	HIV-1 coat glycoprotein gp120 induces apoptosis in rat brain neocortex by deranging the arachidonate cascade in favor of prostanoids. *Journal of Neurochemistry*, **2000**, 75, 196-203	6	29
67	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. *Biochemical and Biophysical Research Communications*, **2000**, 274, 664-9	3.4	40

66	Apoptosis in the dorsal lateral geniculate nucleus after monocular deprivation involves glutamate signaling, NO production, and PARP activation. *Biochemical and Biophysical Research Communications*, **2000**, 278, 360-7	3.4	17
65	Effects of alpha-dendrotoxin and dendrotoxin K on extracellular excitatory amino acids and on electroencephalograph spectral power in the hippocampus of anaesthetised rats. *Neuroscience Letters*, **2000**, 293, 183-6	3.3	9
64	Systemic administration of cocaine, given alone or in combination with sensory stimuli, differentially affects L-arginine-nitric oxide metabolism in discrete regions of the brain of rat. *Neuroscience Letters*, **1999**, 266, 153-6	3.3	7
63	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. *Neuroscience*, **1999**, 89, 1051-66	3.9	75
62	Paraquat: a useful tool for the in vivo study of mechanisms of neuronal cell death. *Basic and Clinical Pharmacology and Toxicology*, **1998**, 83, 1-7		53
61	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. *Biochemical Pharmacology*, **1998**, 56, 153-6	6	39
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