Antonio Contestabile

List of Publications by Year
in descending order

60 papers	3,773 citations	147801 31 h-index	133252 59 g-index
61 all docs	61 docs citations	61 times ranked	5097 citing authors

#	Article	IF	Citations
1	Zinc supplementation in rats impairs hippocampal-dependent memory consolidation and dampens post-traumatic recollection of stressful event. European Neuropsychopharmacology, 2016, 26, 1070-1082.	0.7	12
2	Changing paradigm to target microglia in neurodegenerative diseases: from anti-inflammatory strategy to active immunomodulation. Expert Opinion on Therapeutic Targets, 2016, 20, 627-640.	3.4	53
3	Chronic valproic acid administration impairs contextual memory and dysregulates hippocampal GSK-3Î² in rats. Pharmacology Biochemistry and Behavior, 2013, 106, 8-15.	2.9	20
4	Histone Acetylation in Neurodevelopment. Current Pharmaceutical Design, 2013, 19, 5043-5050.	1.9	26
5	Neuronal-glial Interactions Define the Role of Nitric Oxide in Neural Functional Processes. Current Neuropharmacology, 2012, 10, 303-310.	2.9	28
6	Role of Nitric Oxide in Cerebellar Development and Function: Focus on Granule Neurons. Cerebellum, 2012, 11, 50-61.	2.5	51
7	Neuronal-glial Interactions Define the Role of Nitric Oxide in Neural Functional Processes. Current Neuropharmacology, 2012, 10, 303-310.	2.9	25
8	The history of the cholinergic hypothesis. Behavioural Brain Research, 2011, 221, 334-340.	2.2	319
9	Nitric Oxide Control of Proliferation in Nerve Cells and in Tumor Cells of Nervous Origin. Current Pharmaceutical Design, 2010, 16, 440-450.	1.9	15
10	Nitric Oxide Control of MYCN Expression and Multi Drug Resistance Genes in Tumours of Neural Origin. Current Pharmaceutical Design, 2010, 16, 431-439.	1.9	13
11	Valproic Acid is Neuroprotective in the Rotenone Rat Model of Parkinsonâ€™s Disease: Involvement of Î±-Synuclein. Neurotoxicity Research, 2010, 17, 130-141.	2.7	167
12	Biochemical, Molecular and Epigenetic Mechanisms of Valproic Acid Neuroprotection. Current Molecular Pharmacology, 2009, 2, 95-109.	1.5	195
13	Benefits of Caloric Restriction on Brain Aging and Related Pathological States: Understanding Mechanisms to Devise Novel Therapies. Current Medicinal Chemistry, 2009, 16, 350-361.	2.4	35
14	Chronic Dietary Administration of Valproic Acid Protects Neurons of the Rat Nucleus Basalis Magnocellularis from Ibotenic Acid Neurotoxicity. Neurotoxicity Research, 2009, 15, 127-132.	2.7	24
15	Neuroprotection of microglial conditioned medium on 6â€hydroxydopamineâ€induced neuronal death: role of transforming growth factor betaâ€2. Journal of Neurochemistry, 2009, 110, 545-556.	3.9	61
16	The Place of Choline Acetyltransferase Activity Measurement in the â€œCholinergic Hypothesisâ€•of Neurodegenerative Diseases. Neurochemical Research, 2008, 33, 318-327.	3.3	56
17	Neuroprotection of microglia conditioned media from apoptotic death induced by staurosporine and glutamate in cultures of rat cerebellar granule cells. Neuroscience Letters, 2008, 448, 74-78.	2.1	9
18	Regulation of transcription factors by nitric oxide in neurons and in neural-derived tumor cells. Progress in Neurobiology, 2008, 84, 317-328.	5.7	80

#	Article	IF	Citations
19	In vitro and in vivo toxicity of type 2 ribosome-inactivating proteins lanceolin and stenodactylin on glial and neuronal cells. NeuroToxicology, 2007, 28, 637-644.	3.0	22
20	Alphaâ€synuclein protects cerebellar granule neurons against 6â€hydroxydopamineâ€induced death. Journal of Neurochemistry, 2007, 103, 518-530.	3.9	49
21	Choline acetyltransferase activity at different ages in brain of Ts65Dn mice, an animal model for Down's syndrome and related neurodegenerative diseases. Journal of Neurochemistry, 2006, 97, 515-526.	3.9	63
22	Overactivation of LPS-stimulated microglial cells by co-cultured neurons or neuron-conditioned medium. Journal of Neuroimmunology, 2006, 172, 104-111.	2.3	31
23	Subchronic Rolipram Delivery Activates Hippocampal CREB and Arc, Enhances Retention and Slows Down Extinction of Conditioned Fear. Neuropsychopharmacology, 2006, 31, 278-286.	5.4	101
24	Proliferation of cerebellar precursor cells is negatively regulated by nitric oxide in newborn rat. Journal of Cell Science, 2006, 119, 3161-3170.	2.0	35
25	Postnatal neurogenesis in the dentate gyrus of the guinea pig. Hippocampus, 2005, 15, 285-301.	1.9	52
26	Nitric oxide negatively regulates proliferation and promotes neuronal differentiation through N-Myc downregulation. Journal of Cell Science, 2004, 117, 4727-4737.	2.0	69
27	Nitric oxide regulates cGMP-dependent cAMP-responsive element binding protein phosphorylation and Bcl-2 expression in cerebellar neurons: implication for a survival role of nitric oxide. Journal of Neurochemistry, 2004, 82, 1282-1289.	3.9	128
28	Role of nitric oxide in the regulation of neuronal proliferation, survival and differentiation. Neurochemistry International, 2004, 45, 903-914.	3.8	149
29	Selective alteration of DNA fragmentation and caspase activity in the spinal cord of aged rats and effect of dietary restriction. Brain Research, 2003, 992, 137-141.	2.2	13
30	Developmental expression of the cell cycle and apoptosis controlling gene, Lot1, in the rat cerebellum and in cultures of cerebellar granule cells. Developmental Brain Research, 2003, 142, 193-202.	1.7	21
31	Neuron-Conditioned Media Differentially Affect the Survival of Activated or Unstimulated Microglia: Evidence for Neuronal Control on Apoptotic Elimination of Activated Microglia. Journal of Neuropathology and Experimental Neurology, 2003, 62, 351-362.	1.7	25
32	Brain Nitric Oxide and Its Dual Role in Neurodegeneration / Neuroprotection: Understanding Molecular Mechanisms to Devise Drug Approaches. Current Medicinal Chemistry, 2003, 10, 2147-2174.	2.4	79
33	Nitric Oxide Protects Neuroblastoma Cells from Apoptosis Induced by Serum Deprivation through cAMP-response Element-binding Protein (CREB) Activation. Journal of Biological Chemistry, 2002, 277, 49896-49902.	3.4	76
34	Reciprocal Interactions Between Microglia and Neurons: From Survival to Neuropathology. Reviews in the Neurosciences, 2002, 13, 221-42.	2.9	188
35	Regional alterations of the NO/NOS system in the aging brain: a biochemical, histochemical and immunochemical study in the rat. Brain Research, 2002, 933, 31-41.	2.2	47
36	Akt pathway mediates a cGMP-dependent survival role of nitric oxide in cerebellar granule neurones. Journal of Neurochemistry, 2002, 81, 218-228.	3.9	81

#	Article	IF	Citations
37	NMDA receptor-dependent CREB activation in survival of cerebellar granule cells duringin vivoandin vitrodevelopment. European Journal of Neuroscience, 2002, 16, 1490-1498.	2.6	59
38	Ornithine Decarboxylase Activity During Development of Cerebellar Granule Neurons. Journal of Neurochemistry, 2002, 71, 1898-1904.	3.9	13
39	Cerebellar granule cells as a model to study mechanisms of neuronal apoptosis or survival in vivo and in vitro. Cerebellum, 2002, 1, 41-55.	2.5	180
40	Characterization of ceramide-induced apoptotic death in cerebellar granule cells in culture. Neurochemistry International, 2001, 39, 11-18.	3.8	33
41	Sustained, long-lasting inhibition of nitric oxide synthase aggravates the neural damage in some models of excitotoxic brain injury. Brain Research Bulletin, 2001, 56, 29-35.	3.0	14
42	Topography of neurochemical alterations in the CNS of aged rats. International Journal of Developmental Neuroscience, 2001, 19, 109-116.	1.6	14
43	Antioxidant strategies for neurodegenerative diseases. Expert Opinion on Therapeutic Patents, 2001, 11, 573-585.	5.0	9
44	Microglial cells protect cerebellar granule neurons from apoptosis: Evidence for reciprocal signaling. Glia, 2001, 36, 271-280.	4.9	78
45	Blockade of the NMDA receptor increases developmental apoptotic elimination of granule neurons and activates caspases in the rat cerebellum. European Journal of Neuroscience, 2000, 12, 3117-3123.	2.6	81
46	Roles of NMDA receptor activity and nitric oxide production in brain development. Brain Research Reviews, 2000, 32, 476-509.	9.0	309
47	Partial neuroprotection of in vivo excitotoxic brain damage by chronic administration of the red wine antioxidant agent, trans-resveratrol in rats. Neuroscience Letters, 2000, 281, 123-126.	2.1	226
48	Developmental effects of in vivo and in vitro inhibition of nitric oxide synthase in neurons. Brain Research, 1999, 839, 164-172.	2.2	37
49	Alteration of neuronal nitric oxide synthase activity and expression in the cerebellum and the forebrain of microencephalic rats. Brain Research, 1998, 793, 54-60.	2.2	10
50	Neuronal nitric oxide synthase is permanently decreased in the cerebellum of rats subjected to chronic neonatal blockade of N-methyl-d-aspartate receptors. Neuroscience Letters, 1998, 258, 1-4.	2.1	21
51	Differential Toxicity of Protease Inhibitors in Cultures of Cerebellar Granule Neurons. Experimental Neurology, 1998, 153, 335-341.	4.1	8
52	Neurotoxicity of Polyamines and Pharmacological Neuroprotection in Cultures of Rat Cerebellar Granule Cells. Experimental Neurology, 1997, 148, 157-166.	4.1	49
53	Ischemic and excitotoxic damage to brain slices from normal and microencephalic rats. Neuroscience Letters, 1997, 233, 53-57.	2.1	7
54	Chronic pre-explant blockade of the NMDA receptor affects survival of cerebellar granule cells explanted in vitro. Developmental Brain Research, 1997, 99, 112-117.	1.7	20

#	Article	IF	Citations
55	Toxicity of ricin and volkensin, two ribosome-inactivating proteins, to microglia, astrocyte, and neuron cultures. , 1997, 20, 203-209.		18
56	Inhibition of free radical production or free radical scavenging protects from the excitotoxic cell death mediated by glutamate in cultures of cerebellar granule neurons. Brain Research, 1996, 728, 1-6.	2.2	115
57	Simultaneous blockade of non-NMDA ionotropic receptors and NMDA receptor-associated ionophore partially protects hippocampal slices from protein synthesis impairment due to simulated ischemia. Hippocampus, 1995, 5, 91-97.	1.9	19
58	Decreased excitotoxic sensitivity in the olfactory cortex of adult rats after neonatal NMDA blockade. NeuroReport, 1994, 5, 2141-2144.	1.2	4
59	Chronic neonatal NMDA blockade results in long-term cholinergic increase in the rat spinal cord. NeuroReport, 1994, 5, 2023-2025.	1.2	9
60	Ribosome-inactivating Proteins from Plants as Agents for Suicide Transport and Immunolesioning in the Nervous System. European Journal of Neuroscience, 1993, 5, 1292-1301.	2.6	22