

Jau-Shyong Hong

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.

391
papers

31,333
citations

84
h-index

165
g-index

402
ext. papers

33,759
ext. citations

5.5
avg, IF

7
L-index

#	Paper	IF	Citations
391	Microglial Nox2 Plays a Key Role in the Pathogenesis of Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2021 , 12, 638381	8.4	5
390	Microglial Activation Mediates Noradrenergic Locus Coeruleus Neurodegeneration via Complement Receptor 3 in a Rotenone-Induced Parkinson's Disease Mouse Model. <i>Journal of Inflammation Research</i> , 2021 , 14, 1341-1356	4.8	6
389	Add-on memantine may improve cognitive functions and attenuate inflammation in middle- to old-aged bipolar II disorder patients. <i>Journal of Affective Disorders</i> , 2021 , 279, 229-238	6.6	2
388	Microglial activation contributes to cognitive impairments in rotenone-induced mouse Parkinson's disease model. <i>Journal of Neuroinflammation</i> , 2021 , 18, 4	10.1	19
387	A novel role of NLRP3-generated IL-1 β in the acute-chronic transition of peripheral lipopolysaccharide-elicited neuroinflammation: implications for sepsis-associated neurodegeneration. <i>Journal of Neuroinflammation</i> , 2020 , 17, 64	10.1	22
386	Through Reducing ROS Production, IL-10 Suppresses Caspase-1-Dependent IL-1 β Maturation, thereby Preventing Chronic Neuroinflammation and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
385	Nicotinamide Adenine Dinucleotide Phosphate Oxidase and Neurodegenerative Diseases: Mechanisms and Therapy. <i>Antioxidants and Redox Signaling</i> , 2020 , 33, 374-393	8.4	14
384	Combination of dextromethorphan and memantine in treating bipolar spectrum disorder: a 12-week double-blind randomized clinical trial. <i>International Journal of Bipolar Disorders</i> , 2020 , 8, 11	5.4	5
383	Gene: Its Effects on the Neuropsychological Functions in Patients with Opioid Use Disorder Undergoing Methadone Maintenance Treatment. <i>Clinical Psychopharmacology and Neuroscience</i> , 2020 , 18, 136-144	3.4	2
382	Dextromethorphan Protect the Valproic Acid Induced Downregulation of Neutrophils in Patients with Bipolar Disorder. <i>Clinical Psychopharmacology and Neuroscience</i> , 2020 , 18, 145-152	3.4	1
381	Locus coeruleus neurons are most sensitive to chronic neuroinflammation-induced neurodegeneration. <i>Brain, Behavior, and Immunity</i> , 2020 , 87, 359-368	16.6	18
380	Estrogen receptor β phosphorylated at Ser216 confers inflammatory function to mouse microglia. <i>Cell Communication and Signaling</i> , 2020 , 18, 117	7.5	8
379	Norepinephrine depleting toxin DSP-4 and LPS alter gut microbiota and induce neurotoxicity in β synuclein mutant mice. <i>Scientific Reports</i> , 2020 , 10, 15054	4.9	2
378	Loss of Brain Norepinephrine Elicits Neuroinflammation-Mediated Oxidative Injury and Selective Caudo-Rostral Neurodegeneration. <i>Molecular Neurobiology</i> , 2019 , 56, 2653-2669	6.2	31
377	Valproate is protective against 6-OHDA-induced dopaminergic neurodegeneration in rodent midbrain: A potential role of BDNF up-regulation. <i>Journal of the Formosan Medical Association</i> , 2019 , 118, 420-428	3.2	6
376	Noradrenergic dysfunction accelerates LPS-elicited inflammation-related ascending sequential neurodegeneration and deficits in non-motor/motor functions. <i>Brain, Behavior, and Immunity</i> , 2019 , 81, 374-387	16.6	21
375	Correlation between interleukin-6 levels and methadone maintenance therapy outcomes. <i>Drug and Alcohol Dependence</i> , 2019 , 204, 107516	4.9	9

374	Ultralow doses of dextromethorphan protect mice from endotoxin-induced sepsis-like hepatotoxicity. <i>Chemico-Biological Interactions</i> , 2019 , 303, 50-56	5	3
373	The pentose phosphate pathway regulates chronic neuroinflammation and dopaminergic neurodegeneration. <i>Journal of Neuroinflammation</i> , 2019 , 16, 255	10.1	28
372	Low-Grade Inflammation Aggravates Rotenone Neurotoxicity and Disrupts Circadian Clock Gene Expression in Rats. <i>Neurotoxicity Research</i> , 2019 , 35, 421-431	4.3	10
371	Physiological Concentration of Prostaglandin E Exerts Anti-inflammatory Effects by Inhibiting Microglial Production of Superoxide Through a Novel Pathway. <i>Molecular Neurobiology</i> , 2018 , 55, 8001-8013	6.3	8
370	Add-On Memantine Treatment for Bipolar II Disorder Comorbid with Alcohol Dependence: A 12-Week Follow-Up Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 1044-1050	3.7	6
369	Sulfotransferase 4A1 Increases Its Expression in Mouse Neurons as They Mature. <i>Drug Metabolism and Disposition</i> , 2018 , 46, 860-864	4	7
368	PKC-dependent p47phox activation mediates methamphetamine-induced dopaminergic neurotoxicity. <i>Free Radical Biology and Medicine</i> , 2018 , 115, 318-337	7.8	28
367	Minimally Toxic Dose of Lipopolysaccharide and β Synuclein Oligomer Elicit Synergistic Dopaminergic Neurodegeneration: Role and Mechanism of Microglial NOX2 Activation. <i>Molecular Neurobiology</i> , 2018 , 55, 619-632	6.2	19
366	Correlation of cytokines, BDNF levels, and memory function in patients with opioid use disorder undergoing methadone maintenance treatment. <i>Drug and Alcohol Dependence</i> , 2018 , 191, 6-13	4.9	7
365	Hypertension and Diagnosis of Parkinson's Disease: A Meta-Analysis of Cohort Studies. <i>Frontiers in Neurology</i> , 2018 , 9, 162	4.1	30
364	Ginsenoside Re protects methamphetamine-induced dopaminergic neurotoxicity in mice via upregulation of dynorphin-mediated δ opioid receptor and downregulation of substance P-mediated neurokinin 1 receptor. <i>Journal of Neuroinflammation</i> , 2018 , 15, 52	10.1	22
363	Memory Impairment and Plasma BDNF Correlates of the Polymorphism in Patients With Bipolar II Disorder. <i>Frontiers in Genetics</i> , 2018 , 9, 583	4.5	5
362	Effect of memantine on C-reactive protein and lipid profiles in bipolar disorder. <i>Journal of Affective Disorders</i> , 2017 , 221, 151-157	6.6	1
361	NADPH oxidase-derived HO mediates the regulatory effects of microglia on astrogliosis in experimental models of Parkinson's disease. <i>Redox Biology</i> , 2017 , 12, 162-170	11.3	39
360	The Deacetylase HDAC6 Mediates Endogenous Neuritic Tau Pathology. <i>Cell Reports</i> , 2017 , 20, 2169-2183	10.6	43
359	Long-term heroin use was associated with the downregulation of systemic platelets, BDNF, and TGF- β 1, and it contributed to the disruption of executive function in Taiwanese Han Chinese. <i>Drug and Alcohol Dependence</i> , 2017 , 179, 139-145	4.9	10
358	More inflammation but less brain-derived neurotrophic factor in antisocial personality disorder. <i>Psychoneuroendocrinology</i> , 2017 , 85, 42-48	5	5
357	Inflammation-Mediated Neurodegeneration: Models, Mechanisms, and Therapeutic Interventions for Neurodegenerative Diseases 2017 , 1255-1278		

356	Roles of Microglia in Inflammation-Mediated Neurodegeneration: Models, Mechanisms, and Therapeutic Interventions for Parkinson's Disease. <i>Advances in Neurotoxicology</i> , 2017 , 1, 185-209	1.6	2
355	PKC δ knockout mice are protected from para-methoxymethamphetamine-induced mitochondrial stress and associated neurotoxicity in the striatum of mice. <i>Neurochemistry International</i> , 2016 , 100, 146-158	4.4	19
354	Comparing clinical responses and the biomarkers of BDNF and cytokines between subthreshold bipolar disorder and bipolar II disorder. <i>Scientific Reports</i> , 2016 , 6, 27431	4.9	11
353	Identification of a specific β synuclein peptide (β Syn 29-40) capable of eliciting microglial superoxide production to damage dopaminergic neurons. <i>Journal of Neuroinflammation</i> , 2016 , 13, 158	10.1	18
352	Neurons and astroglia govern microglial endotoxin tolerance through macrophage colony-stimulating factor receptor-mediated ERK1/2 signals. <i>Brain, Behavior, and Immunity</i> , 2016 , 55, 260-272	16.6	23
351	Apocynin prevents mitochondrial burdens, microglial activation, and pro-apoptosis induced by a toxic dose of methamphetamine in the striatum of mice via inhibition of p47phox activation by ERK. <i>Journal of Neuroinflammation</i> , 2016 , 13, 12	10.1	61
350	The Differential Levels of Inflammatory Cytokines and BDNF among Bipolar Spectrum Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19,	5.8	19
349	Critical role of the Mac1/NOX2 pathway in mediating reactive microgliosis-generated chronic neuroinflammation and progressive neurodegeneration. <i>Current Opinion in Pharmacology</i> , 2016 , 26, 54-60	5.1	42
348	Aging and Microglial Activation in Neurodegenerative Diseases. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016 , 107-131		
347	The DRD3 Ser9Gly Polymorphism Predicted Metabolic Change in Drug-Naive Patients With Bipolar II Disorder. <i>Medicine (United States)</i> , 2016 , 95, e3488	1.8	4
346	Clozapine metabolites protect dopaminergic neurons through inhibition of microglial NADPH oxidase. <i>Journal of Neuroinflammation</i> , 2016 , 13, 110	10.1	27
345	TPH1 and 5-HTTLPR Genes Specifically Interact in Opiate Dependence but Not in Alcohol Dependence. <i>European Addiction Research</i> , 2016 , 22, 201-9	4.6	4
344	Post-treatment with an ultra-low dose of NADPH oxidase inhibitor diphenyleneiodonium attenuates disease progression in multiple Parkinson's disease models. <i>Brain</i> , 2015 , 138, 1247-62	11.2	73
343	Neuroinflammation in Neurological Dysfunction and Degeneration 2015 , 385-407		1
342	A novel role of microglial NADPH oxidase in mediating extra-synaptic function of norepinephrine in regulating brain immune homeostasis. <i>Glia</i> , 2015 , 63, 1057-72	9	43
341	Low-dose add-on memantine treatment may improve cognitive performance and self-reported health conditions in opioid-dependent patients undergoing methadone-maintenance-therapy. <i>Scientific Reports</i> , 2015 , 5, 9708	4.9	7
340	PGE2 Inhibits IL-10 Production via EP2-Mediated β Arrestin Signaling in Neuroinflammatory Condition. <i>Molecular Neurobiology</i> , 2015 , 52, 587-600	6.2	18
339	β Synuclein, a chemoattractant, directs microglial migration via H ₂ O ₂ -dependent Lyn phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1926-35	11.5	102

338	The BDNF Val66Met polymorphism and plasma brain-derived neurotrophic factor levels in Han Chinese heroin-dependent patients. <i>Scientific Reports</i> , 2015 , 5, 8148	4.9	12
337	Correlation of plasma brain-derived neurotrophic factor and metabolic profiles in drug-naïve patients with bipolar II disorder after a twelve-week pharmacological intervention. <i>Acta Psychiatrica Scandinavica</i> , 2015 , 131, 120-8	6.5	12
336	ALDH2 polymorphism, associated with attenuating negative symptoms in patients with schizophrenia treated with add-on dextromethorphan. <i>Journal of Psychiatric Research</i> , 2015 , 69, 50-6	5.2	5
335	Microglial regulation of immunological and neuroprotective functions of astroglia. <i>Glia</i> , 2015 , 63, 118-319		68
334	Low-dose memantine attenuated methadone dose in opioid-dependent patients: a 12-week double-blind randomized controlled trial. <i>Scientific Reports</i> , 2015 , 5, 10140	4.9	14
333	Substance P enhances microglial density in the substantia nigra through neurokinin-1 receptor/NADPH oxidase-mediated chemotaxis in mice. <i>Clinical Science</i> , 2015 , 129, 757-67	6.5	16
332	A placebo-controlled trial of dextromethorphan as an adjunct in opioid-dependent patients undergoing methadone maintenance treatment. <i>International Journal of Neuropsychopharmacology</i> , 2015 , 18, pyv008	5.8	11
331	Liposomal melatonin rescues methamphetamine-elicited mitochondrial burdens, pro-apoptosis, and dopaminergic degeneration through the inhibition PKC β gene. <i>Journal of Pineal Research</i> , 2015 , 58, 86-106	10.4	48
330	The BDNF Val66Met polymorphism and plasma brain-derived neurotrophic factor levels in Han Chinese patients with bipolar disorder and schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 51, 99-104	5.5	33
329	Subpicomolar diphenyleneiodonium inhibits microglial NADPH oxidase with high specificity and shows great potential as a therapeutic agent for neurodegenerative diseases. <i>Glia</i> , 2014 , 62, 2034-43	9	36
328	Inducible nitric oxide synthase is key to peroxynitrite-mediated, LPS-induced protein radical formation in murine microglial BV2 cells. <i>Free Radical Biology and Medicine</i> , 2014 , 73, 51-9	7.8	64
327	Substance P exacerbates dopaminergic neurodegeneration through neurokinin-1 receptor-independent activation of microglial NADPH oxidase. <i>Journal of Neuroscience</i> , 2014 , 34, 12490-503	6.6	58
326	Genotype variant associated with add-on memantine in bipolar II disorder. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 189-97	5.8	8
325	Therapeutic effects of add-on low-dose dextromethorphan plus valproic acid in bipolar disorder. <i>European Neuropsychopharmacology</i> , 2014 , 24, 1753-9	1.2	25
324	Oxidative Stress, Neuroinflammation, and Neurodegeneration 2014 , 81-104		4
323	The effects of add-on low-dose memantine on cytokine levels in bipolar II depression: a 12-week double-blind, randomized controlled trial. <i>Journal of Clinical Psychopharmacology</i> , 2014 , 34, 337-43	1.7	34
322	Role and mechanism of microglial activation in iron-induced selective and progressive dopaminergic neurodegeneration. <i>Molecular Neurobiology</i> , 2014 , 49, 1153-65	6.2	54
321	Post-insult valproate treatment potentially improved functional recovery in patients with acute middle cerebral artery infarction. <i>American Journal of Translational Research (discontinued)</i> , 2014 , 6, 820-30		3

320	Add-on memantine to valproate treatment increased HDL-C in bipolar II disorder. <i>Journal of Psychiatric Research</i> , 2013 , 47, 1343-8	5.2	18
319	Suppressed pro-inflammatory response of microglia in CX3CR1 knockout mice. <i>Journal of Neuroimmunology</i> , 2013 , 257, 110-5	3.5	43
318	NADPH oxidase and aging drive microglial activation, oxidative stress, and dopaminergic neurodegeneration following systemic LPS administration. <i>Glia</i> , 2013 , 61, 855-68	9	181
317	Preparation of rodent primary cultures for neuron-glia, mixed glia, enriched microglia, and reconstituted cultures with microglia. <i>Methods in Molecular Biology</i> , 2013 , 1041, 231-40	1.4	37
316	Research on the premotor symptoms of Parkinson's disease: clinical and etiological implications. <i>Environmental Health Perspectives</i> , 2013 , 121, 1245-52	8.4	54
315	CD11b/CD18 (Mac-1) is a novel surface receptor for extracellular double-stranded RNA to mediate cellular inflammatory responses. <i>Journal of Immunology</i> , 2013 , 190, 115-25	5.3	59
314	Dextromethorphan inhibits activations and functions in dendritic cells. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 125643		14
313	Inflammation's Association with Metabolic Profiles before and after a Twelve-Week Clinical Trial in Drug-Naïve Patients with Bipolar II Disorder. <i>PLoS ONE</i> , 2013 , 8, e66847	3.7	33
312	Human neuromelanin: an endogenous microglial activator for dopaminergic neuron death. <i>Frontiers in Bioscience - Elite</i> , 2013 , 5, 1-11	1.6	27
311	Impairment of an electroconvulsive stimulus on reconsolidation of memories established by conditioning. <i>Chinese Journal of Physiology</i> , 2013 , 56, 44-51	1.6	3
310	Naloxone inhibits immune cell function by suppressing superoxide production through a direct interaction with gp91phox subunit of NADPH oxidase. <i>Journal of Neuroinflammation</i> , 2012 , 9, 32	10.1	48
309	Clozapine protects dopaminergic neurons from inflammation-induced damage by inhibiting microglial overactivation. <i>Journal of NeuroImmune Pharmacology</i> , 2012 , 7, 187-201	6.9	65
308	Fluoxetine protects neurons against microglial activation-mediated neurotoxicity. <i>Parkinsonism and Related Disorders</i> , 2012 , 18 Suppl 1, S213-7	3.6	83
307	NADPH oxidases: novel therapeutic targets for neurodegenerative diseases. <i>Trends in Pharmacological Sciences</i> , 2012 , 33, 295-303	13.2	153
306	Neuroprotective and neurogenesis agent for treating bipolar II disorder: add-on memantine to mood stabilizer works. <i>Medical Hypotheses</i> , 2012 , 79, 280-3	3.8	9
305	Endogenous dynorphin protects against neurotoxin-elicited nigrostriatal dopaminergic neuron damage and motor deficits in mice. <i>Journal of Neuroinflammation</i> , 2012 , 9, 124	10.1	60
304	Inflammation in patients with schizophrenia: the therapeutic benefits of risperidone plus add-on dextromethorphan. <i>Journal of NeuroImmune Pharmacology</i> , 2012 , 7, 656-64	6.9	30
303	Dextromethorphan attenuated inflammation and combined opioid use in humans undergoing methadone maintenance treatment. <i>Journal of NeuroImmune Pharmacology</i> , 2012 , 7, 1025-33	6.9	15

302	Low-dose memantine attenuated morphine addictive behavior through its anti-inflammation and neurotrophic effects in rats. <i>Journal of NeuroImmune Pharmacology</i> , 2012 , 7, 444-53	6.9	51
301	Suberoylanilide hydroxamic acid, a histone deacetylase inhibitor, protects dopaminergic neurons from neurotoxin-induced damage. <i>British Journal of Pharmacology</i> , 2012 , 165, 494-505	8.6	51
300	Rotenone activates phagocyte NADPH oxidase by binding to its membrane subunit gp91phox. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 303-13	7.8	40
299	Role of oxidative stress in epileptic seizures. <i>Neurochemistry International</i> , 2011 , 59, 122-37	4.4	262
298	Gene-environment interactions: key to unraveling the mystery of Parkinson's disease. <i>Progress in Neurobiology</i> , 2011 , 94, 1-19	10.9	127
297	Verapamil protects dopaminergic neuron damage through a novel anti-inflammatory mechanism by inhibition of microglial activation. <i>Neuropharmacology</i> , 2011 , 60, 373-80	5.5	44
296	Amantadine protects dopamine neurons by a dual action: reducing activation of microglia and inducing expression of GDNF in astroglia [corrected]. <i>Neuropharmacology</i> , 2011 , 61, 574-82	5.5	67
295	Transcriptional Factor NF- κ B as a Target for Therapy in Parkinson's Disease. <i>Parkinson's Disease</i> , 2011 , 2011, 216298	2.6	54
294	Neuropsychotoxic and neuroprotective potentials of dextromethorphan and its analogs. <i>Journal of Pharmacological Sciences</i> , 2011 , 116, 137-48	3.7	27
293	Low dose dextromethorphan attenuates moderate experimental autoimmune encephalomyelitis by inhibiting NOX2 and reducing peripheral immune cells infiltration in the spinal cord. <i>Neurobiology of Disease</i> , 2011 , 44, 63-72	7.5	34
292	Neuromelanin activates microglia and induces degeneration of dopaminergic neurons: implications for progression of Parkinson's disease. <i>Neurotoxicity Research</i> , 2011 , 19, 63-72	4.3	169
291	Pro-inflammatory cytokines and lipopolysaccharide induce changes in cell morphology, and upregulation of ERK1/2, iNOS and sPLA ₂ expression in astrocytes and microglia. <i>Journal of Neuroinflammation</i> , 2011 , 8, 121	10.1	114
290	Microglial MAC1 receptor and PI3K are essential in mediating β amyloid peptide-induced microglial activation and subsequent neurotoxicity. <i>Journal of Neuroinflammation</i> , 2011 , 8, 3	10.1	62
289	Dextromethorphan efficiently increases bactericidal activity, attenuates inflammatory responses, and prevents group A streptococcal sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 967-73	5.9	13
288	HMGB1 acts on microglia Mac1 to mediate chronic neuroinflammation that drives progressive neurodegeneration. <i>Journal of Neuroscience</i> , 2011 , 31, 1081-92	6.6	251
287	α -adrenergic receptor activation prevents rodent dopaminergic neurotoxicity by inhibiting microglia via a novel signaling pathway. <i>Journal of Immunology</i> , 2011 , 186, 4443-54	5.3	86
286	Neuroinflammation and β synuclein dysfunction potentiate each other, driving chronic progression of neurodegeneration in a mouse model of Parkinson's disease. <i>Environmental Health Perspectives</i> , 2011 , 119, 807-14	8.4	227
285	Ten years of Nature Reviews Neuroscience: insights from the highly cited. <i>Nature Reviews Neuroscience</i> , 2010 , 11, 718-26	13.5	26

284	Inhibition of IkappaB kinase-beta protects dopamine neurons against lipopolysaccharide-induced neurotoxicity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 333, 822-33	4.7	72
283	Resveratrol protects dopamine neurons against lipopolysaccharide-induced neurotoxicity through its anti-inflammatory actions. <i>Molecular Pharmacology</i> , 2010 , 78, 466-77	4.3	133
282	Reactive microgliosis: extracellular micro-calpain and microglia-mediated dopaminergic neurotoxicity. <i>Brain</i> , 2010 , 133, 808-21	11.2	88
281	Low-dose lipopolysaccharide selectively sensitizes hypoxic ischemia-induced white matter injury in the immature brain. <i>Pediatric Research</i> , 2010 , 68, 41-7	3.2	46
280	Neuroinflammation is a key player in Parkinson's disease and a prime target for therapy. <i>Journal of Neural Transmission</i> , 2010 , 117, 971-9	4.3	229
279	Neuropsychopharmacological understanding for therapeutic application of morphinans. <i>Archives of Pharmacal Research</i> , 2010 , 33, 1575-87	6.1	6
278	Astrogliosis in CNS pathologies: is there a role for microglia?. <i>Molecular Neurobiology</i> , 2010 , 41, 232-41	6.2	215
277	Soluble factor effects on glial cell reactivity at the surface of gel-coated microwires. <i>Journal of Neuroscience Methods</i> , 2010 , 190, 180-7	3	13
276	Dextromethorphan reduces oxidative stress and inhibits atherosclerosis and neointima formation in mice. <i>Cardiovascular Research</i> , 2009 , 82, 161-9	9.9	32
275	Prostaglandin E2 released from activated microglia enhances astrocyte proliferation in vitro. <i>Toxicology and Applied Pharmacology</i> , 2009 , 238, 64-70	4.6	39
274	beta2 Adrenergic receptor activation induces microglial NADPH oxidase activation and dopaminergic neurotoxicity through an ERK-dependent/protein kinase A-independent pathway. <i>Glia</i> , 2009 , 57, 1600-9	9	31
273	Glycogen synthase kinase-3 negatively regulates anti-inflammatory interleukin-10 for lipopolysaccharide-induced iNOS/NO biosynthesis and RANTES production in microglial cells. <i>Immunology</i> , 2009 , 128, e275-86	7.8	98
272	Control protocol for robust in vitro glial scar formation around microwires: essential roles of bFGF and serum in gliosis. <i>Journal of Neuroscience Methods</i> , 2009 , 181, 170-7	3	29
271	Novel neuroprotective mechanisms of memantine: increase in neurotrophic factor release from astroglia and anti-inflammation by preventing microglial activation. <i>Neuropsychopharmacology</i> , 2009 , 34, 2344-57	8.7	130
270	Microglial NADPH Oxidase Mediates Leucine Enkephalin Dopaminergic Neuroprotection. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1053, 107-120	6.5	2
269	Role of Inflammation in the Pathogenesis of Parkinson's Disease. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1053, 151-152	6.5	1
268	(+)-Morphine attenuates the (-)-morphine-produced conditioned place preference and the mu-opioid receptor-mediated dopamine increase in the posterior nucleus accumbens of the rat. <i>European Journal of Pharmacology</i> , 2008 , 587, 147-54	5.3	17
267	Increased systemic and brain cytokine production and neuroinflammation by endotoxin following ethanol treatment. <i>Journal of Neuroinflammation</i> , 2008 , 5, 10	10.1	369

266	Squamosamide derivative FLZ protects dopaminergic neurons against inflammation-mediated neurodegeneration through the inhibition of NADPH oxidase activity. <i>Journal of Neuroinflammation</i> , 2008 , 5, 21	10.1	36
265	Endotoxin induces a delayed loss of TH-IR neurons in substantia nigra and motor behavioral deficits. <i>NeuroToxicology</i> , 2008 , 29, 864-70	4.4	53
264	Why neurodegenerative diseases are progressive: uncontrolled inflammation drives disease progression. <i>Trends in Immunology</i> , 2008 , 29, 357-65	14.4	544
263	Histone deacetylase inhibitors up-regulate astrocyte GDNF and BDNF gene transcription and protect dopaminergic neurons. <i>International Journal of Neuropsychopharmacology</i> , 2008 , 11, 1123-34	5.8	208
262	Potent anti-inflammatory and neuroprotective effects of TGF-beta1 are mediated through the inhibition of ERK and p47phox-Ser345 phosphorylation and translocation in microglia. <i>Journal of Immunology</i> , 2008 , 181, 660-8	5.3	105
261	Macrophage antigen complex-1 mediates reactive microgliosis and progressive dopaminergic neurodegeneration in the MPTP model of Parkinson's disease. <i>Journal of Immunology</i> , 2008 , 181, 7194-204	5.2	101
260	Diesel exhaust particles induce oxidative stress, proinflammatory signaling, and P-glycoprotein up-regulation at the blood-brain barrier. <i>FASEB Journal</i> , 2008 , 22, 2723-33	0.9	198
259	Formyl-methionyl-leucyl-phenylalanine-induced dopaminergic neurotoxicity via microglial activation: a mediator between peripheral infection and neurodegeneration?. <i>Environmental Health Perspectives</i> , 2008 , 116, 593-8	8.4	33
258	Curcumin protects dopaminergic neuron against LPS induced neurotoxicity in primary rat neuron/glia culture. <i>Neurochemical Research</i> , 2008 , 33, 2044-53	4.6	72
257	Molecular consequences of activated microglia in the brain: overactivation induces apoptosis. <i>Journal of Neurochemistry</i> , 2008 , 77, 182-189	6	13
256	A pivotal role of matrix metalloproteinase-3 activity in dopaminergic neuronal degeneration via microglial activation. <i>FASEB Journal</i> , 2007 , 21, 179-87	0.9	163
255	Histone deacetylase inhibitors exhibit anti-inflammatory and neuroprotective effects in a rat permanent ischemic model of stroke: multiple mechanisms of action. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 321, 892-901	4.7	428
254	Sinomenine, a natural dextrorotatory morphinan analog, is anti-inflammatory and neuroprotective through inhibition of microglial NADPH oxidase. <i>Journal of Neuroinflammation</i> , 2007 , 4, 23	10.1	108
253	Systemic LPS causes chronic neuroinflammation and progressive neurodegeneration. <i>Glia</i> , 2007 , 55, 453-62	14.9	1449
252	Microglial PHOX and Mac-1 are essential to the enhanced dopaminergic neurodegeneration elicited by A30P and A53T mutant alpha-synuclein. <i>Glia</i> , 2007 , 55, 1178-88	9	126
251	MAC1 mediates LPS-induced production of superoxide by microglia: the role of pattern recognition receptors in dopaminergic neurotoxicity. <i>Glia</i> , 2007 , 55, 1362-73	9	78
250	Microglia-mediated neurotoxicity: uncovering the molecular mechanisms. <i>Nature Reviews Neuroscience</i> , 2007 , 8, 57-69	13.5	2906
249	Stereoselective action of (+)-morphine over (-)-morphine in attenuating the (-)-morphine-produced antinociception via the naloxone-sensitive sigma receptor in the mouse. <i>European Journal of Pharmacology</i> , 2007 , 571, 145-51	5.3	22

248	Cadmium-induced toxicity in rat primary mid-brain neuroglia cultures: role of oxidative stress from microglia. <i>Toxicological Sciences</i> , 2007 , 98, 488-94	4.4	60
247	Microglia-mediated neurotoxicity is inhibited by morphine through an opioid receptor-independent reduction of NADPH oxidase activity. <i>Journal of Immunology</i> , 2007 , 179, 1198-209	5.3	74
246	Chronic microglial activation and progressive dopaminergic neurotoxicity. <i>Biochemical Society Transactions</i> , 2007 , 35, 1127-32	5.1	240
245	Valproic acid and other histone deacetylase inhibitors induce microglial apoptosis and attenuate lipopolysaccharide-induced dopaminergic neurotoxicity. <i>Neuroscience</i> , 2007 , 149, 203-12	3.9	204
244	NADPH oxidase inhibitor DPI is neuroprotective at femtomolar concentrations through inhibition of microglia over-activation. <i>Parkinsonism and Related Disorders</i> , 2007 , 13 Suppl 3, S316-20	3.6	39
243	Proteomic analysis of microglial contribution to mouse strain-dependent dopaminergic neurotoxicity. <i>Glia</i> , 2006 , 53, 567-82	9	55
242	Pituitary adenylate cyclase-activating polypeptide (PACAP) 38 and PACAP4-6 are neuroprotective through inhibition of NADPH oxidase: potent regulators of microglia-mediated oxidative stress. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 595-603	4.7	64
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