

Kyounggho Suk

List of Publications by Year in descending order

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270
papers

11,544
citations

23544

58
h-index

45285

90
g-index

275
all docs

275
docs citations

275
times ranked

15064
citing authors

#	ARTICLE	IF	CITATIONS
1	Microglia-Astrocyte Crosstalk: An Intimate Molecular Conversation. <i>Neuroscientist</i> , 2019, 25, 227-240.	2.6	385
2	BH3-only Protein Noxa Is a Mediator of Hypoxic Cell Death Induced by Hypoxia-inducible Factor 1 α . <i>Journal of Experimental Medicine</i> , 2004, 199, 113-124.	4.2	242
3	Flavonoid wogonin from medicinal herb is neuroprotective by inhibiting inflammatory activation of microglia. <i>FASEB Journal</i> , 2003, 17, 1-21.	0.2	241
4	Lipocalin-2 Is an Autocrine Mediator of Reactive Astrocytosis. <i>Journal of Neuroscience</i> , 2009, 29, 234-249.	1.7	232
5	Functional polarization of neuroglia: Implications in neuroinflammation and neurological disorders. <i>Biochemical Pharmacology</i> , 2016, 103, 1-16.	2.0	207
6	IFN- γ /TNF- α Synergism as the Final Effector in Autoimmune Diabetes: A Key Role for STAT1/IFN Regulatory Factor-1 Pathway in Pancreatic β Cell Death. <i>Journal of Immunology</i> , 2001, 166, 4481-4489.	0.4	201
7	Role of inflammatory molecules in the Alzheimer's disease progression and diagnosis. <i>Journal of the Neurological Sciences</i> , 2017, 376, 242-254.	0.3	196
8	Phenotypic Polarization of Activated Astrocytes: The Critical Role of Lipocalin-2 in the Classical Inflammatory Activation of Astrocytes. <i>Journal of Immunology</i> , 2013, 191, 5204-5219.	0.4	170
9	Inhibition of glial inflammatory activation and neurotoxicity by tricyclic antidepressants. <i>Neuropharmacology</i> , 2008, 55, 826-834.	2.0	163
10	Secreted protein lipocalin-2 promotes microglial M1 polarization. <i>FASEB Journal</i> , 2013, 27, 1176-1190.	0.2	159
11	A Dual Role of Lipocalin 2 in the Apoptosis and Deramification of Activated Microglia. <i>Journal of Immunology</i> , 2007, 179, 3231-3241.	0.4	151
12	Lipocalin-2 Is a Chemokine Inducer in the Central Nervous System. <i>Journal of Biological Chemistry</i> , 2011, 286, 43855-43870.	1.6	149
13	TLR4, but Not TLR2, Signals Autoregulatory Apoptosis of Cultured Microglia: A Critical Role of IFN- γ as a Decision Maker. <i>Journal of Immunology</i> , 2005, 174, 6467-6476.	0.4	148
14	Suppressive effects of flavonoid fisetin on lipopolysaccharide-induced microglial activation and neurotoxicity. <i>International Immunopharmacology</i> , 2008, 8, 484-494.	1.7	147
15	Phytochemicals as modulators of M1-M2 macrophages in inflammation. <i>Oncotarget</i> , 2018, 9, 17937-17950.	0.8	143
16	Signaling pathways of bisphenol A-induced apoptosis in hippocampal neuronal cells: Role of calcium-induced reactive oxygen species, mitogen-activated protein kinases, and nuclear factor- κ B. <i>Journal of Neuroscience Research</i> , 2008, 86, 2932-2942.	1.3	136
17	Pharmacological Modulation of Functional Phenotypes of Microglia in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 139.	1.7	136
18	Interferon γ (IFN γ) and Tumor Necrosis Factor α Synergism in ME-180 Cervical Cancer Cell Apoptosis and Necrosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 13153-13159.	1.6	133

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19	Diverse functional roles of lipocalin-2 in the central nervous system. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 135-156.	2.9	128
20	Lipocalin-2 Deficiency Attenuates Neuroinflammation and Brain Injury after Transient Middle Cerebral Artery Occlusion in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1306-1314.	2.4	127
21	Astrocyte-derived lipocalin-2 mediates hippocampal damage and cognitive deficits in experimental models of vascular dementia. <i>Glia</i> , 2017, 65, 1471-1490.	2.5	119
22	Lipocalin-2 Protein Deficiency Ameliorates Experimental Autoimmune Encephalomyelitis. <i>Journal of Biological Chemistry</i> , 2014, 289, 16773-16789.	1.6	116
23	Neuronal pentraxin receptor in cerebrospinal fluid as a potential biomarker for neurodegenerative diseases. <i>Brain Research</i> , 2009, 1265, 158-170.	1.1	111
24	Functional dissection of astrocyte-secreted proteins: Implications in brain health and diseases. <i>Progress in Neurobiology</i> , 2018, 162, 37-69.	2.8	111
25	NO as an autocrine mediator in the apoptosis of activated microglial cells: correlation between activation and apoptosis of microglial cells. <i>Brain Research</i> , 2001, 892, 380-385.	1.1	108
26	Astrocytic Orosomucoid-2 Modulates Microglial Activation and Neuroinflammation. <i>Journal of Neuroscience</i> , 2017, 37, 2878-2894.	1.7	108
27	Lipocalin-2 as a therapeutic target for brain injury: An astrocentric perspective. <i>Progress in Neurobiology</i> , 2016, 144, 158-172.	2.8	107
28	Inhibitors of Microglial Neurotoxicity: Focus on Natural Products. <i>Molecules</i> , 2011, 16, 1021-1043.	1.7	103
29	Glia as a Link between Neuroinflammation and Neuropathic Pain. <i>Immune Network</i> , 2012, 12, 41.	1.6	103
30	Decursin Inhibits Induction of Inflammatory Mediators by Blocking Nuclear Factor- κ B Activation in Macrophages. <i>Molecular Pharmacology</i> , 2006, 69, 1783-1790.	1.0	101
31	Dual Role of Inflammatory Stimuli in Activation-induced Cell Death of Mouse Microglial Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 32956-32965.	1.6	99
32	A small molecule binding HMGB1 and HMGB2 inhibits microglia-mediated neuroinflammation. <i>Nature Chemical Biology</i> , 2014, 10, 1055-1060.	3.9	99
33	Increased plasma levels of lipocalin 2 in mild cognitive impairment. <i>Journal of the Neurological Sciences</i> , 2011, 305, 28-33.	0.3	98
34	Flavonoid Baicalein Attenuates Activation-Induced Cell Death of Brain Microglia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 305, 638-645.	1.3	97
35	Microglia signaling as a target of donepezil. <i>Neuropharmacology</i> , 2010, 58, 1122-1129.	2.0	94
36	The plant flavonoid wogonin suppresses death of activated C6 rat glial cells by inhibiting nitric oxide production. <i>Neuroscience Letters</i> , 2001, 309, 67-71.	1.0	89

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37	Pathogenic Upregulation of Glial Lipocalin-2 in the Parkinsonian Dopaminergic System. <i>Journal of Neuroscience</i> , 2016, 36, 5608-5622.	1.7	89
38	Cytoprotective effect of <i>Scutellaria baicalensis</i> in CA1 hippocampal neurons of rats after global cerebral ischemia. <i>Journal of Ethnopharmacology</i> , 2001, 77, 183-188.	2.0	88
39	Hypoxia induces nitric oxide production in mouse microglia via p38 mitogen-activated protein kinase pathway. <i>Molecular Brain Research</i> , 2002, 107, 9-16.	2.5	86
40	Anti-inflammatory effects of catechols in lipopolysaccharide-stimulated microglia cells: Inhibition of microglial neurotoxicity. <i>European Journal of Pharmacology</i> , 2008, 588, 106-113.	1.7	86
41	Identification of the Hypoxia-Inducible Factor 1 α -Responsive HGTD-P Gene as a Mediator in the Mitochondrial Apoptotic Pathway. <i>Molecular and Cellular Biology</i> , 2004, 24, 3918-3927.	1.1	85
42	Plasminogen activator inhibitor type 1 regulates microglial motility and phagocytic activity. <i>Journal of Neuroinflammation</i> , 2012, 9, 149.	3.1	82
43	Reversible Induction of Pain Hypersensitivity following Optogenetic Stimulation of Spinal Astrocytes. <i>Cell Reports</i> , 2016, 17, 3049-3061.	2.9	82
44	A novel role for protein tyrosine phosphatase 1B as a positive regulator of neuroinflammation. <i>Journal of Neuroinflammation</i> , 2016, 13, 86.	3.1	81
45	Anti-allergic effects of on mast cell-mediated allergy model. <i>Toxicology and Applied Pharmacology</i> , 2005, 209, 255-262.	1.3	80
46	Minocycline suppresses hypoxic activation of rodent microglia in culture. <i>Neuroscience Letters</i> , 2004, 366, 167-171.	1.0	79
47	Neuroprotection by methanol extract of <i>Uncaria rhynchophylla</i> against global cerebral ischemia in rats. <i>Life Sciences</i> , 2002, 70, 2467-2480.	2.0	73
48	Regulation by lipocalin α_2 of neuronal cell death, migration, and morphology. <i>Journal of Neuroscience Research</i> , 2012, 90, 540-550.	1.3	73
49	Activation-induced cell death of rat astrocytes. <i>Brain Research</i> , 2001, 900, 342-347.	1.1	72
50	Plasma level of chitinase 3-like 1 protein increases in patients with early Alzheimer's disease. <i>Journal of Neurology</i> , 2011, 258, 2181-2185.	1.8	72
51	MDM2 E3 ligase-mediated ubiquitination and degradation of HDAC1 in vascular calcification. <i>Nature Communications</i> , 2016, 7, 10492.	5.8	72
52	Role of Antiproliferative B Cell Translocation Gene-1 as an Apoptotic Sensitizer in Activation-Induced Cell Death of Brain Microglia. <i>Journal of Immunology</i> , 2003, 171, 5802-5811.	0.4	71
53	Obovatol attenuates microglia-mediated neuroinflammation by modulating redox regulation. <i>British Journal of Pharmacology</i> , 2010, 159, 1646-1662.	2.7	68
54	Glucocorticoid-induced tumour necrosis factor receptor family related protein (GTR) mediates inflammatory activation of macrophages that can destabilize atherosclerotic plaques. <i>Immunology</i> , 2006, 119, 421-429.	2.0	66

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55	Macrophages express granzyme B in the lesion areas of atherosclerosis and rheumatoid arthritis. <i>Immunology Letters</i> , 2007, 111, 57-65.	1.1	65
56	Regulation of IL-18 production by IFN γ and PGE2 in mouse microglial cells: involvement of NF- κ B pathway in the regulatory processes. <i>Immunology Letters</i> , 2001, 77, 79-85.	1.1	63
57	Pyruvate Dehydrogenase Kinase-mediated Glycolytic Metabolic Shift in the Dorsal Root Ganglion Drives Painful Diabetic Neuropathy. <i>Journal of Biological Chemistry</i> , 2016, 291, 6011-6025.	1.6	62
58	The secretome signature of reactive glial cells and its pathological implications. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2418-2428.	1.1	61
59	Analysis of glial secretome: The long pentraxin PTX3 modulates phagocytic activity of microglia. <i>Journal of Neuroimmunology</i> , 2010, 229, 63-72.	1.1	60
60	Discoidin domain receptor 1 mediates collagen-induced nitric oxide production in J774A.1 murine macrophages. <i>Free Radical Biology and Medicine</i> , 2007, 42, 343-352.	1.3	59
61	The antipsychotic spiperone attenuates inflammatory response in cultured microglia via the reduction of proinflammatory cytokine expression and nitric oxide production. <i>Journal of Neurochemistry</i> , 2008, 107, 1225-1235.	2.1	59
62	The Stimulation of CD147 Induces MMP-9 Expression through ERK and NF- κ B in Macrophages: Implication for Atherosclerosis. <i>Immune Network</i> , 2009, 9, 90.	1.6	57
63	Lipocalin-2 in the Inflammatory Activation of Brain Astrocytes. <i>Critical Reviews in Immunology</i> , 2015, 35, 77-84.	1.0	57
64	Metabolic Regulation of Glial Phenotypes: Implications in Neuron-Glia Interactions and Neurological Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 20.	1.8	57
65	Pyruvate Dehydrogenase Kinases in the Nervous System: Their Principal Functions in Neuronal-glial Metabolic Interaction and Neuro-metabolic Disorders. <i>Current Neuropharmacology</i> , 2012, 10, 393-403.	1.4	56
66	Metabolic Connection of Inflammatory Pain: Pivotal Role of a Pyruvate Dehydrogenase Kinase-Pyruvate Dehydrogenase-Lactic Acid Axis. <i>Journal of Neuroscience</i> , 2015, 35, 14353-14369.	1.7	56
67	Regulation of Neuroinflammation by Herbal Medicine and Its Implications for Neurodegenerative Diseases. <i>NeuroSignals</i> , 2005, 14, 23-33.	0.5	54
68	Reverse signaling initiated from GITRL induces NF- κ B activation through ERK in the inflammatory activation of macrophages. <i>Molecular Immunology</i> , 2008, 45, 523-533.	1.0	54
69	Hypoxic induction of caspase-11/caspase-1/interleukin-1 β in brain microglia. <i>Molecular Brain Research</i> , 2003, 114, 107-114.	2.5	53
70	Neurotoxicity of microglial cathepsin D revealed by secretome analysis. <i>Journal of Neurochemistry</i> , 2007, 103, 2640-2650.	2.1	51
71	The pivotal role played by lipocalin-2 in chronic inflammatory pain. <i>Experimental Neurology</i> , 2014, 254, 41-53.	2.0	51
72	Hypothalamic lipid-laden astrocytes induce microglia migration and activation. <i>FEBS Letters</i> , 2017, 591, 1742-1751.	1.3	51

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73	The Function and Integrity of the Neurovascular Unit Rests Upon the Integration of the Vascular and Inflammatory Cell Systems. <i>Current Neurovascular Research</i> , 2005, 2, 409-423.	0.4	50
74	Lipocalin-2 Acts as a Neuroinflammatogen in Lipopolysaccharide-injected Mice. <i>Experimental Neurobiology</i> , 2014, 23, 155-162.	0.7	50
75	Metabolic reprogramming by the pyruvate dehydrogenase kinase-lactic acid axis: Linking metabolism and diverse neuropathophysiology. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 1-19.	2.9	49
76	Regulation of Toll-like receptor 4 expression and its signaling by hypoxia in cultured microglia. <i>Journal of Neuroscience Research</i> , 2007, 85, 1989-1995.	1.3	48
77	Heme oxygenase-1 mediates cytoprotective effects of immunostimulation in microglia. <i>Biochemical Pharmacology</i> , 2007, 74, 723-729.	2.0	48
78	Identification of novel cell migration-promoting genes by a functional genetic screen. <i>FASEB Journal</i> , 2010, 24, 464-478.	0.2	48
79	Microglia-inhibiting activity of Parkinson's disease drug amantadine. <i>Neurobiology of Aging</i> , 2012, 33, 2145-2159.	1.5	48
80	Gangliosides induce autophagic cell death in astrocytes. <i>British Journal of Pharmacology</i> , 2010, 159, 586-603.	2.7	46
81	CD300a and CD300f differentially regulate the MyD88 and TRIF-mediated TLR signalling pathways through activation of SHP-1 and/or SHP-2 in human monocytic cell lines. <i>Immunology</i> , 2012, 135, 226-235.	2.0	46
82	Z39Ig is expressed on macrophages and may mediate inflammatory reactions in arthritis and atherosclerosis. <i>Journal of Leukocyte Biology</i> , 2006, 80, 922-928.	1.5	45
83	Reverse signaling through BAFF differentially regulates the expression of inflammatory mediators and cytoskeletal movements in THP-1 cells. <i>Immunology and Cell Biology</i> , 2010, 88, 148-156.	1.0	45
84	Pyruvate Dehydrogenase Kinase as a Potential Therapeutic Target for Malignant Gliomas. <i>Brain Tumor Research and Treatment</i> , 2013, 1, 57.	0.4	45
85	Neuropeptide PACAP inhibits hypoxic activation of brain microglia: a protective mechanism against microglial neurotoxicity in ischemia. <i>Brain Research</i> , 2004, 1026, 151-156.	1.1	44
86	Time-dependent effects of hypothermia on microglial activation and migration. <i>Journal of Neuroinflammation</i> , 2012, 9, 164.	3.1	43
87	Role of Lipocalin-2-Chemokine Axis in the Development of Neuropathic Pain following Peripheral Nerve Injury. <i>Journal of Biological Chemistry</i> , 2013, 288, 24116-24127.	1.6	43
88	Repurpose terbutaline sulfate for amyotrophic lateral sclerosis using electronic medical records. <i>Scientific Reports</i> , 2015, 5, 8580.	1.6	43
89	IFN- γ sensitizes ME-180 human cervical cancer cells to TNF- α -induced apoptosis by inhibiting cytoprotective NF- κ B activation. <i>FEBS Letters</i> , 2001, 495, 66-70.	1.3	42
90	Induction of caspase-11 by inflammatory stimuli in rat astrocytes: lipopolysaccharide induction through p38 mitogen-activated protein kinase pathway. <i>FEBS Letters</i> , 2001, 507, 157-162.	1.3	42

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91	A novel small-molecule agonist of PPAR- β potentiates an anti-inflammatory M2 glial phenotype. <i>Neuropharmacology</i> , 2016, 109, 159-169.	2.0	41
92	Idiopathic normal-pressure hydrocephalus, cerebrospinal fluid biomarkers, and the cerebrospinal fluid tap test. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1398-1403.	0.8	40
93	Essential role of caspase-11 in activation-induced cell death of rat astrocytes. <i>Journal of Neurochemistry</i> , 2002, 80, 230-238.	2.1	39
94	Ethanol selectively modulates inflammatory activation signaling of brain microglia. <i>Journal of Neuroimmunology</i> , 2004, 156, 88-95.	1.1	39
95	Decursinol angelate blocks transmigration and inflammatory activation of cancer cells through inhibition of PI3K, ERK and NF- κ B activation. <i>Cancer Letters</i> , 2010, 296, 35-42.	3.2	39
96	Mild Hypothermia Attenuates Intercellular Adhesion Molecule-1 Induction via Activation of Extracellular Signal-Regulated Kinase-1/2 in a Focal Cerebral Ischemia Model. <i>Stroke Research and Treatment</i> , 2011, 2011, 1-9.	0.5	39
97	CD300F Blocks Both MyD88 and TRIF-Mediated TLR Signaling through Activation of Src Homology Region 2 Domain-Containing Phosphatase 1. <i>Journal of Immunology</i> , 2011, 186, 6296-6303.	0.4	39
98	Pyruvate Dehydrogenase Kinases in the Nervous System: Their Principal Functions in Neuronal-glia Metabolic Interaction and Neuro-metabolic Disorders. <i>Current Neuropharmacology</i> , 2012, 10, 393-403.	1.4	39
99	A role for Rho kinase in vascular contraction evoked by sodium fluoride. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 27-33.	1.0	38
100	Gallotannin Isolated from Euphorbia Species, 1,2,6-Tri-O-galloyl-.BETA.-D-allose, Decreases Nitric Oxide Production through Inhibition of Nuclear Factor- κ B and Downstream Inducible Nitric Oxide Synthase Expression in Macrophages. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1053-1056.	0.6	38
101	Pathological Involvement of Astrocyte-Derived Lipocalin-2 in the Demyelinating Optic Neuritis. , 2015, 56, 3691.		38
102	Axon Guidance Molecules Guiding Neuroinflammation. <i>Experimental Neurobiology</i> , 2019, 28, 311-319.	0.7	38
103	Amyloid neurotoxicity is attenuated by metallothionein: dual mechanisms at work. <i>Journal of Neurochemistry</i> , 2012, 121, 751-762.	2.1	37
104	L-theanine partially counteracts caffeine-induced sleep disturbances in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 217-221.	1.3	37
105	Role of soluble CD14 in cerebrospinal fluid as a regulator of glial functions. <i>Journal of Neuroscience Research</i> , 2009, 87, 2578-2590.	1.3	36
106	Hypothalamic inflammation and malfunctioning glia in the pathophysiology of obesity and diabetes: Translational significance. <i>Biochemical Pharmacology</i> , 2018, 153, 123-133.	2.0	36
107	Induction of microglial apoptosis by corticotropin-releasing hormone. <i>Journal of Neurochemistry</i> , 2006, 98, 962-972.	2.1	35
108	NF- κ B as a common signaling pathway in ganglioside-induced autophagic cell death and activation of astrocytes. <i>Journal of Neuroimmunology</i> , 2010, 226, 66-72.	1.1	35

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109	Role of Hippocampal Lipocalin-2 in Experimental Diabetic Encephalopathy. <i>Frontiers in Endocrinology</i> , 2019, 10, 25.	1.5	35
110	Astrocytic pyruvate dehydrogenase kinase-2 is involved in hypothalamic inflammation in mouse models of diabetes. <i>Nature Communications</i> , 2020, 11, 5906.	5.8	35
111	Stimulation of Fas (CD95) induces production of pro-inflammatory mediators through ERK/JNK-dependent activation of NF- κ B in THP-1 cells. <i>Cellular Immunology</i> , 2011, 271, 157-162.	1.4	34
112	Lipocalin-type Prostaglandin D2 Synthase Protein Regulates Glial Cell Migration and Morphology through Myristoylated Alanine-rich C-Kinase Substrate. <i>Journal of Biological Chemistry</i> , 2012, 287, 9414-9428.	1.6	34
113	Downregulation of lipocalin 2 contributes to chemoresistance in glioblastoma cells. <i>Journal of Neurochemistry</i> , 2009, 111, 1238-1251.	2.1	33
114	Anti-inflammatory effects of a fluorovinylxyacetamide compound KT-15087 in microglia cells. <i>Pharmacological Research</i> , 2009, 59, 414-422.	3.1	33
115	Acidic Fibroblast Growth Factor (FGF) Potentiates Glial-mediated Neurotoxicity by Activating FGFR2 IIIb Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 41230-41245.	1.6	33
116	Discoidin domain receptor 1 mediates collagen-induced inflammatory activation of microglia in culture. <i>Journal of Neuroscience Research</i> , 2008, 86, 1087-1095.	1.3	32
117	Chronic Sleep Deprivation-Induced Proteome Changes in Astrocytes of the Rat Hypothalamus. <i>Journal of Proteome Research</i> , 2014, 13, 4047-4061.	1.8	32
118	Dieckol Attenuates Microglia-mediated Neuronal Cell Death via ERK, Akt and NADPH Oxidase-mediated Pathways. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 219.	0.6	32
119	Molecular and Cellular Pathways as a Target of Therapeutic Hypothermia: Pharmacological Aspect. <i>Current Neuropharmacology</i> , 2012, 10, 80-87.	1.4	31
120	Involvement of Endoplasmic Reticulum Stress Response in Orofacial Inflammatory Pain. <i>Experimental Neurobiology</i> , 2014, 23, 372-380.	0.7	31
121	Inflexin attenuates proinflammatory responses and nuclear factor- κ B activation in LPS-treated microglia. <i>European Journal of Pharmacology</i> , 2010, 633, 98-106.	1.7	30
122	A novel anti-neuroinflammatory pyridylimidazole compound KR-31360. <i>Biochemical Pharmacology</i> , 2010, 79, 596-609.	2.0	30
123	Microglia Gone Awry: Linking Immunometabolism to Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 246.	1.8	30
124	Natural Flavone Jaceosidin is a Neuroinflammation Inhibitor. <i>Phytotherapy Research</i> , 2013, 27, 404-411.	2.8	29
125	Paradoxical role of lipocalin-2 in metabolic disorders and neurological complications. <i>Biochemical Pharmacology</i> , 2019, 169, 113626.	2.0	29
126	Ibrutinib modulates A β /tau pathology, neuroinflammation, and cognitive function in mouse models of Alzheimer's disease. <i>Aging Cell</i> , 2021, 20, e13332.	3.0	29

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127	Thrombin-induced interleukin-8 production and its regulation by interferon- γ and prostaglandin E2 in human monocytic U937 cells. <i>Immunology Letters</i> , 1999, 67, 223-227.	1.1	28
128	A novel synthetic compound MCAP suppresses LPS-induced murine microglial activation in vitro via inhibiting NF- κ B and p38 MAPK pathways. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 334-343.	2.8	28
129	Microglial Signal Transduction as a Target of Alcohol Action in the Brain. <i>Current Neurovascular Research</i> , 2007, 4, 131-142.	0.4	26
130	Reconstitution of human RNA interference in budding yeast. <i>Nucleic Acids Research</i> , 2011, 39, e43-e43.	6.5	26
131	A Novel Pathway Responsible for Lipopolysaccharide-Induced Translational Regulation of TNF- α and IL-6 Expression Involves Protein Kinase C and Fascin. <i>Journal of Immunology</i> , 2011, 187, 6327-6334.	0.4	26
132	Myristoylated alanine-rich C kinase substrate (MARCKS) regulates the expression of proinflammatory cytokines in macrophages through activation of p38/JNK MAPK and NF- κ B. <i>Cellular Immunology</i> , 2015, 296, 115-121.	1.4	26
133	Combined analysis of the glia secretome and the CSF proteome: neuroinflammation and novel biomarkers. <i>Expert Review of Proteomics</i> , 2010, 7, 263-274.	1.3	25
134	Proteomic Analysis of Glioma Chemoresistance. <i>Current Neuropharmacology</i> , 2012, 10, 72-79.	1.4	25
135	Glia-based biomarkers and their functional role in the CNS. <i>Expert Review of Proteomics</i> , 2013, 10, 43-63.	1.3	25
136	Reverse Signaling of Tumor Necrosis Factor Superfamily Proteins in Macrophages and Microglia: Superfamily Portrait in the Neuroimmune Interface. <i>Frontiers in Immunology</i> , 2019, 10, 262.	2.2	25
137	Neuroinflammatory Basis of Depression: Learning From Experimental Models. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 691067.	1.8	25
138	Gamma subunit of complement component 8 is a neuroinflammation inhibitor. <i>Brain</i> , 2021, 144, 528-552.	3.7	25
139	Role of protein kinase C δ in paraquat-induced glial cell death. <i>Journal of Neuroscience Research</i> , 2008, 86, 2062-2070.	1.3	24
140	2-Hydroxycinnamaldehyde targets low-density lipoprotein receptor-related protein-1 to inhibit lipopolysaccharide-induced microglial activation. <i>Journal of Neuroimmunology</i> , 2011, 230, 52-64.	1.1	24
141	Increases of pentraxin 3 plasma levels in patients with Parkinson's disease. <i>Movement Disorders</i> , 2011, 26, 2364-2370.	2.2	24
142	RNAi-based functional selection identifies novel cell migration determinants dependent on PI3K and AKT pathways. <i>Nature Communications</i> , 2014, 5, 5217.	5.8	24
143	Lipopolysaccharide administration for a mouse model of cerebellar ataxia with neuroinflammation. <i>Scientific Reports</i> , 2020, 10, 13337.	1.6	23
144	Evolving Insights into the Pathophysiology of Diabetic Neuropathy: Implications of Malfunctioning Glia and Discovery of Novel Therapeutic Targets. <i>Current Pharmaceutical Design</i> , 2016, 22, 738-757.	0.9	23

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145	Macrophages express membrane bound form of APRIL that can generate immunomodulatory signals. <i>Immunology</i> , 2010, 131, 350-356.	2.0	22
146	Operant conditioning of rat navigation using electrical stimulation for directional cues and rewards. <i>Behavioural Processes</i> , 2010, 84, 715-720.	0.5	22
147	BAFF and APRIL induce inflammatory activation of THP-1 cells through interaction with their conventional receptors and activation of MAPK and NF- κ B. <i>Inflammation Research</i> , 2011, 60, 807-815.	1.6	22
148	Regorafenib Regulates AD Pathology, Neuroinflammation, and Dendritic Spinogenesis in Cells and a Mouse Model of AD. <i>Cells</i> , 2020, 9, 1655.	1.8	22
149	Stimulation of glucocorticoid-induced tumor necrosis factor receptor family-related protein ligand (GITRL) induces inflammatory activation of microglia in culture. <i>Journal of Neuroscience Research</i> , 2010, 88, 2188-2196.	1.3	21
150	Chemical genetics of neuroinflammation: natural and synthetic compounds as microglial inhibitors. <i>Inflammopharmacology</i> , 2012, 20, 151-158.	1.9	21
151	Lipocalin-2 inhibits osteoclast formation by suppressing the proliferation and differentiation of osteoclast lineage cells. <i>Experimental Cell Research</i> , 2015, 334, 301-309.	1.2	21
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