

CITATION REPORT

List of articles citing

Curcumin Protects against Ischemic Stroke by Titrating Microglia/Macrophage Polarization

DOI: 10.3389/fnagi.2017.00233

Frontiers in Aging Neuroscience, 2017, 9, 233.

Source: <https://exaly.com/paper-pdf/68397683/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
103	Alzheimer's Disease: The Role of Microglia in Brain Homeostasis and Proteopathy. 2017 , 11, 680		80
102	Taurine protects dopaminergic neurons in a mouse Parkinson's disease model through inhibition of microglial M1 polarization. 2018 , 9, 435		60
101	Immune Cells After Ischemic Stroke Onset: Roles, Migration, and Target Intervention. 2018 , 66, 342-355		29
100	The peripheral immune response after stroke-A double edge sword for blood-brain barrier integrity. 2018 , 24, 1115-1128		32
99	Hormesis mediates dose-sensitive shifts in macrophage activation patterns. 2018 , 137, 236-249		24
98	Apoptosis Signal-regulating Kinase 1 Silencing on Astroglial Inflammasomes in an Experimental Model of Ischemic Stroke. 2018 , 390, 218-230		12
97	Hypoxia, hibernation and Neuroprotection: An Experimental Study in Mice. 2018 , 9, 761-768		2
96	L-3-n-Butylphthalide reduces ischemic stroke injury and increases M2 microglial polarization. 2018 , 33, 1995-2003		25
95	Intranuclear delivery of synthetic nuclear factor-kappa B p65 reduces inflammasomes after surgery. 2018 , 158, 141-152		4
94	Recent progress in therapeutic strategies for microglia-mediated neuroinflammation in neuropathologies. 2018 , 22, 765-781		30
93	Treatment targets for M2 microglia polarization in ischemic stroke. 2018 , 105, 518-525		77
92	Dietary Curcumin Prevented Astrocytosis, Microgliosis, and Apoptosis Caused by Acute and Chronic Exposure to Ozone. 2019 , 24,		5
91	Isosteviol Sodium Protects against Ischemic Stroke by Modulating Microglia/Macrophage Polarization via Disruption of GAS5/miR-146a-5p sponge. 2019 , 9, 12221		25
90	The inflammasome NLRP3 plays a dual role on mouse corpora cavernosa relaxation. 2019 , 9, 16224		4
89	Curcumin Mitigates Neuro-Inflammation by Modulating Microglia Polarization Through Inhibiting TLR4 Axis Signaling Pathway Following Experimental Subarachnoid Hemorrhage. 2019 , 13, 1223		29
88	Curcumin: Novel Treatment in Neonatal Hypoxic-Ischemic Brain Injury. 2019 , 10, 1351		17
87	Novel Microglia Cell Line Expressing the Human EP2 Receptor. 2019 , 10, 4280-4292		6

86	Benefits of curcumin in brain disorders. 2019 , 45, 666-689	64
85	Self-assembling injectable peptide hydrogels for emerging treatment of ischemic stroke. 2019 , 7, 3927-3943	11
84	Melatonin improves functional recovery in female rats after acute spinal cord injury by modulating polarization of spinal microglial/macrophages. 2019 , 97, 733-743	20
83	Natural products as a potential modulator of microglial polarization in neurodegenerative diseases. 2019 , 145, 104253	40
82	Berberine Facilitates Angiogenesis Against Ischemic Stroke Through Modulating Microglial Polarization via AMPK Signaling. 2019 , 39, 751-768	38
81	Neuroprotective Effects of BHDPC, a Novel Neuroprotectant, on Experimental Stroke by Modulating Microglia Polarization. 2019 , 10, 2434-2449	21
80	Effects of Curcumin on Microglial Cells. 2019 , 36, 12-26	35
79	Melatonin protects against ischemic stroke by modulating microglia/macrophage polarization toward anti-inflammatory phenotype through STAT3 pathway. 2019 , 25, 1353-1362	54
78	Immediate remote ischemic postconditioning reduces cerebral damage in ischemic stroke mice by enhancing leptomeningeal collateral circulation. 2019 , 234, 12637-12645	19
77	The changes of systemic immune responses during the neuroprotection induced by remote ischemic postconditioning against focal cerebral ischemia in mice. 2019 , 41, 26-36	12
76	Impact of Curcumin on Traumatic Brain Injury and Involved Molecular Signaling Pathways. 2020 , 11, 137-144	7
75	A preclinical randomized controlled study of ischemia treated with Ginkgo biloba extracts: Are complex components beneficial for treating acute stroke?. 2020 , 68, 197-203	3
74	Candesartan modulates microglia activation and polarization via NF- κ B signaling pathway. 2020 , 34, 2058738420974900	
73	Curcumin-laden exosomes target ischemic brain tissue and alleviate cerebral ischemia-reperfusion injury by inhibiting ROS-mediated mitochondrial apoptosis. 2020 , 117, 111314	19
72	Mitochondrial metabolism in regulating macrophage polarization: an emerging regulator of metabolic inflammatory diseases. 2020 , 52, 917-926	10
71	Hypoxia Inducible Factor-1 α (HIF-1 α) Mediates NLRP3 Inflammasome-Dependent-Pyroptotic and Apoptotic Cell Death Following Ischemic Stroke. 2020 , 448, 126-139	33
70	Inhibited CSF1R Alleviates Ischemia Injury via Inhibition of Microglia M1 Polarization and NLRP3 Pathway. 2020 , 2020, 8825954	20
69	Nanotherapeutic modulation of excitotoxicity and oxidative stress in acute brain injury.. 2020 , 7, 1849543520970819	

68	Targeting Myeloperoxidase (MPO) Mediated Oxidative Stress and Inflammation for Reducing Brain Ischemia Injury: Potential Application of Natural Compounds. 2020 , 11, 433	43
67	Zinc-aggravated M1 microglia regulate astrocytic engulfment via P2 _U receptors. 2020 , 61, 126518	2
66	Kellerin alleviates cognitive impairment in mice after ischemic stroke by multiple mechanisms. 2020 , 34, 2258-2274	6
65	Curcumin-loaded nanoemulsion improves haemorrhagic stroke recovery in wistar rats. 2020 , 1746, 147007	15
64	CD44 expression in stem cells and niche microglia/macrophages following ischemic stroke. 2020 , 7, 4	2
63	Impact of Natural Compounds on Neurodegenerative Disorders: From Preclinical to Pharmacotherapeutics. 2020 , 9,	67
62	MFG-E8 alleviates oxygen-glucose deprivation-induced neuronal cell apoptosis by STAT3 regulating the selective polarization of microglia. 2021 , 131, 15-24	6
61	Therapeutic potential of nutraceuticals to protect brain after stroke. 2021 , 142, 104908	2
60	Microglia-associated neuroinflammation is a potential therapeutic target for ischemic stroke. 2021 , 16, 6-11	25
59	Microglial Polarization: Novel Therapeutic Strategy against Ischemic Stroke. 2021 , 12, 466-479	18
58	Standardized turmeric and curcumin. 2021 , 555-569	
57	Melatonin Protects Against Ischemic Brain Injury by Modulating PI3K/AKT Signaling Pathway via Suppression of PTEN Activity. 2021 , 13, 17590914211022888	1
56	Genistein-3'-sodium sulfonate Attenuates Neuroinflammation in Stroke Rats by Down-Regulating Microglial M1 Polarization through α nAChR-NF- κ B Signaling Pathway. 2021 , 17, 1088-1100	3
55	Sirt1 activator SRT2104 protects against oxygen-glucose deprivation/reoxygenation-induced injury via regulating microglia polarization by modulating Sirt1/NF- κ B pathway. 2021 , 1753, 147236	4
54	Phytochemicals as regulators of microglia/macrophages activation in cerebral ischemia. 2021 , 165, 105419	14
53	Receptors, Channel Proteins, and Enzymes Involved in Microglia-mediated Neuroinflammation and Treatments by Targeting Microglia in Ischemic Stroke. 2021 , 460, 167-180	11
52	Effects of Antioxidant Vitamins, Curry Consumption, and Heavy Metal Levels on Metabolic Syndrome with Comorbidities: A Korean Community-Based Cross-Sectional Study. 2021 , 10,	9
51	Modeling Microglia Activation and Inflammation-Based Neuroprotectant Strategies During Ischemic Stroke. 2021 , 83, 72	0

50	Neuroprotective Effect of a New Free Radical Scavenger HL-008 in an Ischemia-Reperfusion Injury Rat Model. 2021 , 465, 105-115	2
49	Neuroprotective Effects of Curcumin in Cerebral Ischemia: Cellular and Molecular Mechanisms. 2021 , 12, 2562-2572	9
48	Effects of heavy metal, vitamin, and curry consumption on metabolic syndrome during menopause: a Korean community-based cross-sectional study. 2021 , 28, 949-959	9
47	New Insights Into the Roles of Microglial Regulation in Brain Plasticity-Dependent Stroke Recovery. 2021 , 15, 727899	6
46	9-Methylfascaplysin exerts anti-ischemic stroke neuroprotective effects via the inhibition of neuroinflammation and oxidative stress in rats. 2021 , 97, 107656	2
45	Inflammation-relevant microbiome signature of the stroke brain, gut, spleen, and thymus and the impact of exercise. 2021 , 41, 3200-3212	4
44	Effect of curcumin on the non-alcoholic steatohepatitis via inhibiting the M1 polarization of macrophages. 2021 , 40, S310-S317	2
43	Diagnostic value of combined serological markers in the detection of acute cerebral infarction. 2021 , 100, e27146	0
42	Electromagnetic Field as a Treatment for Cerebral Ischemic Stroke. 2021 , 8, 742596	1
41	Curcumin Alleviates Oxygen-Glucose-Deprivation/Reperfusion-Induced Oxidative Damage by Regulating miR-1287-5p/LONP2 Axis in SH-SY5Y Cells. 2021 , 2021, 5548706	2
40	Curcumin Ameliorates White Matter Injury after Ischemic Stroke by Inhibiting Microglia/Macrophage Pyroptosis through NF- κ B Suppression and NLRP3 Inflammasome Inhibition. 2021 , 2021, 1552127	7
39	Effects of Spices (Saffron, Rosemary, Cinnamon, Turmeric and Ginger) in Alzheimer's Disease. 2021 , 18, 347-357	3
38	Baicalein ameliorates ischemic brain damage through suppressing proinflammatory microglia polarization via inhibiting the TLR4/NF- κ B and STAT1 pathway. 2021 , 1770, 147626	4
37	Behavioral and morphological effects of resveratrol and curcumin in rats submitted to doxorubicin-induced cognitive impairment. 2021 , 140, 242-250	0
36	Heterogeneity of Microglia Phenotypes: Developmental, Functional and Some Therapeutic Considerations. 2019 , 25, 2375-2393	10
35	Medicinal Plants As Natural Polarizers of Macrophages: Phytochemicals and Pharmacological Effects. 2019 , 25, 3225-3238	10
34	Xuesaitong May Protect Against Ischemic Stroke by Modulating Microglial Phenotypes and Inhibiting Neuronal Cell Apoptosis via the STAT3 Signaling Pathway. 2019 , 18, 115-123	15
33	From Preclinical Stroke Models to Humans: Polyphenols in the Prevention and Treatment of Stroke. 2020 , 13,	8

32	Modulators of microglia activation and polarization in ischemic stroke (Review). 2020 , 21, 2006-2018	54
31	Treadmill Exercise Attenuates Cerebral Ischemia-Reperfusion Injury by Promoting Activation of M2 Microglia via Upregulation of Interleukin-4. 2021 , 8, 735485	3
30	The Attenuating Effect of Curcumin on Morphine Dependence in Rats: The Involvement of Spinal Microglial Cells and Inflammatory Cytokines. 2019 , 18, 198-207	1
29	The natural (poly)phenols as modulators of microglia polarization via TLR4/NF- κ B pathway exert anti-inflammatory activity in ischemic stroke. 2021 , 914, 174660	0
28	Immunopathogenesis and immunotherapeutic approaches of neurodegenerative and cerebrovascular diseases with cognitive impairment. The current state of the problem and prospects. 2021 , 26, 4-15	
27	A Single Administration of Riluzole Applied Acutely After Spinal Cord Injury Attenuates Pro-inflammatory Activity and Improves Long-Term Functional Recovery in Rats.. 2022 , 72, 730	1
26	The association between curry-rice consumption and hypertension, type 2 diabetes, and depression: The findings from KNHANES 2012-2016.. 2021 , 16, 102378	1
25	Inflammaging and Brain: Curcumin and Its Beneficial Potential as Regulator of Microglia Activation.. 2022 , 27,	3
24	Therapeutic targets of neuroprotection and neurorestoration in ischemic stroke: Applications for natural compounds from medicinal herbs.. 2022 , 148, 112719	5
23	IKK β contributes to ischemia-induced autophagy after acute cerebral ischemic injury.. 2022 , 10, 160	2
22	Interleukin-10 genetically modified clinical-grade mesenchymal stromal cells markedly reinforced functional recovery after spinal cord injury via directing alternative activation of macrophages.. 2022 , 27, 27	1
21	Efficacy and Safety of Xingnaojing Injection for Emergency Treatment of Acute Ischemic Stroke: A Systematic Review and Meta-Analysis.. 2022 , 13, 839305	1
20	NLRP3 inflammasome inhibitor ameliorates ischemic stroke by reprogramming the phenotype of microglia/macrophage in a murine model of distal middle cerebral artery occlusion.. 2022 ,	0
19	Image_1.jpg. 2019 ,	
18	Bone Marrow-derived Mesenchymal Stem Cells Promote Microglia/Macrophage M2 Polarization and Enhance Neurogenesis in the Acute and Chronic Stages after Ischemic Stroke. 2022 , 100040	
17	Mechanisms Underlying Curcumin-Induced Neuroprotection in Cerebral Ischemia.. 2022 , 13, 893118	0
16	Polyphenols for the Treatment of Ischemic Stroke: New Applications and Insights. 2022 , 27, 4181	0
15	Ameliorating potential of curcumin and its analogue in central nervous system disorders and related conditions: A review of molecular pathways.	0

- 14 Role of plant-derived natural compounds in macrophage polarization. **2022**, 8, 014-022
- 13 Is telomerase a hidden player? Therapeutic potential of natural telomerase activators against age-related diseases.
- 12 Long-Circulation and Brain Targeted Isoliquiritigenin Micelle Nanoparticles: Formation, Characterization, Tissue Distribution, Pharmacokinetics and Effects for Ischemic Stroke. Volume 17, 3655-3670
- 11 Regulation of N6-methyladenosine (m6A) RNA methylation in microglia-mediated inflammation and ischemic stroke. 16,
- 10 The action of curcumin against damage resulting from cerebral stroke: A systematic review. **2022**, 183, 106369
- 9 Stem Cell-derived Extracellular Vesicles: A Promising Nano Delivery Platform to the Brain?.
- 8 Neuroprotective Treatments for Ischemic Stroke: Opportunities for Nanotechnology. 2209405
- 7 Role of curcumin and its nanoformulations in the treatment of neurological diseases through the effects on stem cells. 1-34
- 6 Recent Progress in Research on Mechanisms of Action of Natural Products against Alzheimer's Disease: Dietary Plant Polyphenols. **2022**, 23, 13886
- 5 Curcumin's mechanism of action against ischemic stroke: A network pharmacology and molecular dynamics study. **2023**, 18, e0280112
- 4 Multifunctional injectable hydrogel promotes functional recovery after stroke by modulating microglial polarization, angiogenesis and neuroplasticity. **2023**, 464, 142520
- 3 The Role of Green Tea Catechin Epigallocatechin Gallate (EGCG) and Mammalian Target of Rapamycin (mTOR) Inhibitor PP242 (Torkinib) in the Treatment of Spinal Cord Injury. **2023**, 12, 363
- 2 The Implications of Microglial Regulation in Neuroplasticity-Dependent Stroke Recovery. **2023**, 13, 571
- 1 Low-dose curcumin enhances hippocampal neurogenesis and memory retention in young mice.