Midori A Yenari

List of Publications by Year
in descending order

128 papers	12,482 citations	18482 62 h-index	24982 109 g-index
130 all docs	130 docs citations	130 times ranked	11987 citing authors

#	Article	IF	Citations
1	Cerebral small vessel disease alters neurovascular unit regulation of microcirculation integrity involved in vascular cognitive impairment. Neurobiology of Disease, 2022, 170, 105750.	4.4	24
2	Cystatin C is a potential predictor of unfavorable outcomes for cerebral ischemia with intravenous tissue plasminogen activator treatment: A multicenter prospective nested caseâ€“control study. European Journal of Neurology, 2021, 28, 1265-1274.	3.3	9
3	Clinical perspectives on ischemic stroke. Experimental Neurology, 2021, 338, 113599.	4.1	14
4	Fibrinogen is an Independent Risk Factor for White Matter Hyperintensities in CADASIL but not in Sporadic Cerebral Small Vessel Disease Patients. , 2021, 12, 801.		8
5	Heat shock protein signaling in brain ischemia and injury. Neuroscience Letters, 2020, 715, 134642.	2.1	34
6	Microglia, the brainâ€™s double agent. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, S3-S5.	4.3	7
7	Heat Shock Protein 70 (HSP70) Induction: Chaperonotherapy for Neuroprotection after Brain Injury. Cells, 2020, 9, 2020.	4.1	43
8	Vascular, inflammatory and metabolic risk factors in relation to dementia in Parkinsonâ€™s disease patients with type 2 diabetes mellitus. Aging, 2020, 12, 15682-15704.	3.1	29
9	Plasma Lipoprotein-associated Phospholipase A2 and Superoxide Dismutase are Independent Predicators of Cognitive Impairment in Cerebral Small Vessel Disease Patients: Diagnosis and Assessment. , 2019, 10, 834.		58
10	The role of NOX inhibitors in neurodegenerative diseases. IBRO Reports, 2019, 7, 59-69.	0.3	58
11	Models of poststroke depression and assessments of core depressive symptoms in rodents: How to choose?. Experimental Neurology, 2019, 322, 113060.	4.1	22
12	Microglial Calcium Release-Activated Calcium Channel Inhibition Improves Outcome from Experimental Traumatic Brain Injury and Microglia-Induced Neuronal Death. Journal of Neurotrauma, 2019, 36, 996-1007.	3.4	31
13	Triggering receptor expressed on myeloid cells-2 expression in the brain is required for maximal phagocytic activity and improved neurological outcomes following experimental stroke. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1906-1918.	4.3	49
14	Therapeutic Hypothermia and Neuroprotection in Acute Neurological Disease. Current Medicinal Chemistry, 2019, 26, 5430-5455.	2.4	19
15	Cofilin-actin rod formation in experimental stroke is attenuated by therapeutic hypothermia and overexpression of the inducible 70 kD inducible heat shock protein (Hsp70). Brain Circulation, 2019, 5, 225.	1.8	9
16	Role of Heat Shock Proteins (HSP) in Neuroprotection for Ischemic Stroke. Heat Shock Proteins, 2019, , 69-82.	0.2	1
17	Advances in Stroke 2017. Stroke, 2018, 49, e174-e199.	2.0	21
18	The 70-kDa heat shock protein (Hsp70) as a therapeutic target for stroke. Expert Opinion on Therapeutic Targets, 2018, 22, 191-199.	3.4	74

#	Article	IF	Citations
19	Therapeutic hypothermia for ischemic stroke; pathophysiology and future promise. Neuropharmacology, 2018, 134, 302-309.	4.1	104
20	Targeting Reperfusion Injury in the Age of Mechanical Thrombectomy. Stroke, 2018, 49, 1796-1802.	2.0	71
21	Reconsidering Neuroprotection in the Reperfusion Era. Stroke, 2017, 48, 3413-3419.	2.0	125
22	Hypothermia Identifies Dynamin as a Potential Therapeutic Target in Experimental Stroke. Therapeutic Hypothermia and Temperature Management, 2017, 7, 171-177.	0.9	9
23	Neuroprotection of Heat Shock Proteins (HSPs) in Brain Ischemia. Translational Medicine Research, 2017, , 383-395.	0.0	1
24	Anti-Inflammatory Targets for the Treatment of Reperfusion Injury in Stroke. Frontiers in Neurology, 2017, 8, 467.	2.4	178
25	NOX Inhibitors - A Promising Avenue for Ischemic Stroke. Experimental Neurobiology, 2017, 26, 195-205.	1.6	40
26	Activated complement protein C5a does not affect brain-derived endothelial cell viability and zonula occludens-1 levels following oxygen-glucose deprivation. Brain Circulation, 2017, 3, 14-20.	1.8	4
27	70-kDa Heat Shock Protein Downregulates Dynamin in Experimental Stroke. Stroke, 2016, 47, 2103-2111.	2.0	32
28	Results of the ICTuS 2 Trial (Intravascular Cooling in the Treatment of Stroke 2). Stroke, 2016, 47, 2888-2895.	2.0	131
29	Pharmacologic heat shock protein 70 induction confers cytoprotection against inflammation in gliovascular cells. Glia, 2015, 63, 1200-1212.	4.9	25
30	Postinjury Neuroplasticity in Central Neural Networks. Neural Plasticity, 2015, 2015, 1-2.	2.2	2
31	Mechanisms and Potential Therapeutic Applications of Microglial Activation after Brain Injury. CNS Neuroscience and Therapeutics, 2015, 21, 309-319.	3.9	95
32	Triggering Receptor Expressed on Myeloid Cells 2 (TREM2) Deficiency Attenuates Phagocytic Activities of Microglia and Exacerbates Ischemic Damage in Experimental Stroke. Journal of Neuroscience, 2015, 35, 3384-3396.	3.6	277
33	The role of the microglia in acute CNS injury. Metabolic Brain Disease, 2015, 30, 381-392.	2.9	116
34	Inflammatory Responses in Brain Ischemia. Current Medicinal Chemistry, 2015, 22, 1258-1277.	2.4	210
35	Calciumâ€sensing receptor (CaSR) as a novel target for ischemic neuroprotection. Annals of Clinical and Translational Neurology, 2014, 1, 851-866.	3.7	46
36	Hypothermia and Pharmacological Regimens that Prevent Overexpression and Overactivity of the Extracellular Calcium-Sensing Receptor Protect Neurons against Traumatic Brain Injury. Journal of Neurotrauma, 2013, 30, 1170-1176.	3.4	26

#	Article	IF	Citations
37	The 70 kDa heat shock protein protects against experimental traumatic brain injury. Neurobiology of Disease, 2013, 58, 289-295.	4.4	56
38	Mild Hypothermia Reduces Tissue Plasminogen Activator-Related Hemorrhage and Blood Brain Barrier Disruption After Experimental Stroke. Therapeutic Hypothermia and Temperature Management, 2013, 3, 74-83.	0.9	38
39	Triggering Receptor Expressed on Myeloid Cells-2 Correlates to Hypothermic Neuroprotection in Ischemic Stroke. Therapeutic Hypothermia and Temperature Management, 2013, 3, 189-198.	0.9	27
40	Microglial P2Y12 Deficiency/Inhibition Protects against Brain Ischemia. PLoS ONE, 2013, 8, e70927.	2.5	90
41	The immune modulating properties of the heat shock proteins after brain injury. Anatomy and Cell Biology, 2013, 46, 1.	1.0	56
42	Temperature Affects Thrombolytic Efficacy Using rt-PA and Eptifibatide, an In Vitro Study: Editorial Commentary on Meunier et al., 2012. Therapeutic Hypothermia and Temperature Management, 2012, 2, 166-166.	0.9	1
43	NADPH oxidase in stroke and cerebrovascular disease. Neurological Research, 2012, 34, 338-345.	1.3	64
44	Bone Marrow Chimeras in the Study of Experimental Stroke. Translational Stroke Research, 2012, 3, 341-347.	4.2	7
45	Neuroprotective mechanisms of hypothermia in brain ischaemia. Nature Reviews Neuroscience, 2012, 13, 267-278.	10.2	472
46	Anti-inflammatory properties and pharmacological induction of Hsp70 after brain injury. Inflammopharmacology, 2012, 20, 177-185.	3.9	66
47	Hypothermia to Identify Therapeutic Targets for Stroke Treatment. , 2012, , 305-320.		0
48	Therapeutic Hypothermia after Cardiac Arrest: Experience at an Academically Affiliated Community-Based Veterans Affairs Medical Center. Stroke Research and Treatment, 2011, 2011, 1-8.	0.8	3
49	Therapeutic Hypothermia in Stroke. Stroke Research and Treatment, 2011, 2011, 1-1.	0.8	6
50	Endotoxin-activated microglia injure brain derived endothelial cells via NF-Î°B, JAK-STAT and JNK stress kinase pathways. Journal of Inflammation, 2011, 8, 7.	3.4	163
51	Mild Hypothermia Suppresses Calcium-Sensing Receptor (CaSR) Induction Following Forebrain Ischemia While Increasing GABA-B Receptor 1 (GABA-B-R1) Expression. Translational Stroke Research, 2011, 2, 195-201.	4.2	47
52	Significance of marrowâ€derived nicotinamide adenine dinucleotide phosphate oxidase in experimental ischemic stroke. Annals of Neurology, 2011, 70, 606-615.	5.3	64
53	Hyperglycemia promotes tissue plasminogen activatorâ€induced hemorrhage by Increasing superoxide production. Annals of Neurology, 2011, 70, 583-590.	5.3	121
54	Microglial Activation in Stroke: Therapeutic Targets. Neurotherapeutics, 2010, 7, 378-391.	4.4	328

#	Article	IF	Citations
55	Direct protection of cultured neurons from ischemia-like injury by minocycline. Anatomy and Cell Biology, 2010, 43, 325.	1.0	42
56	Therapeutic Hypothermia for Brain Ischemia. Stroke, 2010, 41, S72-4.	2.0	108
57	Hypothermia as a cytoprotective strategy in ischemic tissue injury. Ageing Research Reviews, 2010, 9, 61-68.	10.9	48
58	Combination Therapy with Hypothermia for Treatment of Cerebral Ischemia. Journal of Neurotrauma, 2009, 26, 325-331.	3.4	45
59	Does Inflammation after Stroke Affect the Developing Brain Differently than Adult Brain?. Developmental Neuroscience, 2009, 31, 378-393.	2.0	109
60	Inflammation and NFÎºB activation is decreased by hypothermia following global cerebral ischemia. Neurobiology of Disease, 2009, 33, 301-312.	4.4	95
61	Pyruvate protects against experimental stroke via an anti-inflammatory mechanism. Neurobiology of Disease, 2009, 36, 223-231.	4.4	73
62	A role for TREM2 ligands in the phagocytosis of apoptotic neuronal cells by microglia. Journal of Neurochemistry, 2009, 109, 1144-1156.	3.9	372
63	Glucose and NADPH oxidase drive neuronal superoxide formation in stroke. Annals of Neurology, 2008, 64, 654-663.	5.3	246
64	Anti-Inflammatory Effects of the 70 kDa Heat Shock Protein in Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 53-63.	4.3	210
65	FasL shedding is reduced by hypothermia in experimental stroke. Journal of Neurochemistry, 2008, 106, 541-550.	3.9	55
66	Metabolic Downregulation. Stroke, 2008, 39, 2910-2917.	2.0	145
67	Monitoring the Protective Effects of Minocycline Treatment with Radiolabeled Annexin V in an Experimental Model of Focal Cerebral Ischemia. Journal of Nuclear Medicine, 2007, 48, 1822-1828.	5.0	47
68	Effect on gene expression of therapeutic hypothermia in cerebral ischemia. Future Neurology, 2007, 2, 435-440.	0.5	8
69	Conditions of protection by hypothermia and effects on apoptotic pathways in a rat model of permanent middle cerebral artery occlusion. Journal of Neurosurgery, 2007, 107, 636-641.	1.6	52
70	The inflammatory response in stroke. Journal of Neuroimmunology, 2007, 184, 53-68.	2.3	1,042
71	Therapeutic hypothermia: neuroprotective mechanisms. Frontiers in Bioscience - Landmark, 2007, 12, 816.	3.0	127
72	Influence of hypothermia on post-ischemic inflammation: Role of nuclear factor kappa B (NFÎºB). Neurochemistry International, 2006, 49, 164-169.	3.8	132

#	Article	IF	Citations
73	The application of HSP70 as a target for gene therapy. Frontiers in Bioscience - Landmark, 2006, 11, 699.	3.0	17
74	Therapeutic Hypothermia for Acute Stroke. International Journal of Stroke, 2006, 1, 9-19.	5.9	91
75	Introduction: Immune mechanisms of neurodegeneration. Clinical Neuroscience Research, 2006, 6, 225.	0.8	0
76	Inflammation in adult and neonatal stroke. Clinical Neuroscience Research, 2006, 6, 293-313.	0.8	61
77	Microglia Potentiate Damage to Bloodâ€"Brain Barrier Constituents. Stroke, 2006, 37, 1087-1093.	2.0	324
78	Reduction in levels of matrix metalloproteinases and increased expression of tissue inhibitor of metalloproteinaseâ€"2 in response to mild hypothermia therapy in experimental stroke. Journal of Neurosurgery, 2005, 103, 289-297.	1.6	80
79	Mild Hypothermia Decreases GSK3Î² Expression Following Global Cerebral Ischemia. Neurocritical Care, 2005, 2, 212-217.	2.4	4
80	Biphasic Cytochrome c Release After Transient Global Ischemia and its Inhibition by Hypothermia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 1119-1129.	4.3	75
81	Antiapoptotic and Antiâ€inflammatory Mechanisms of Heatâ€Shock Protein Protection. Annals of the New York Academy of Sciences, 2005, 1053, 74-83.	3.8	85
82	Antiapoptotic and Anti-inflammatory Mechanisms of Heat-Shock Protein Protection. Annals of the New York Academy of Sciences, 2005, 1053, 74-83.	3.8	237
83	Gene therapy for ischemic neuronal injury. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S693-S693.	4.3	0
84	Microglia potentiate injury to the blood brain barrier: Reverseal by minocycline. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S100-S100.	4.3	0
85	Protein Kinase C Â Mediates Cerebral Reperfusion Injury In Vivo. Journal of Neuroscience, 2004, 24, 6880-6888.	3.6	181
86	Mild Postischemic Hypothermia Prolongs the Time Window for Gene Therapy by Inhibiting Cytochrome c Release. Stroke, 2004, 35, 572-577.	2.0	57
87	Chaperones, protein aggregation, and brain protection from hypoxic/ischemic injury. Journal of Experimental Biology, 2004, 207, 3213-3220.	1.7	179
88	Therapeutic Hypothermia for Acute Ischemic Stroke. Stroke, 2004, 35, 1482-1489.	2.0	195
89	Bcl-2 Transfection via Herpes Simplex Virus Blocks Apoptosis-Inducing Factor Translocation after Focal Ischemia in the Rat. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 681-692.	4.3	92
90	Post-ischemic inflammation: molecular mechanisms and therapeutic implications. Neurological Research, 2004, 26, 884-892.	1.3	266

#	Article	IF	Citations
91	Glycogen synthase kinase 3Î² inhibitor Chir025 reduces neuronal death resulting from oxygen-glucose deprivation, glutamate excitotoxicity, and cerebral ischemia. Experimental Neurology, 2004, 188, 378-386.	4.1	93
92	The 70â€‰kDa heat shock protein suppresses matrix metalloproteinases in astrocytes. NeuroReport, 2004, 15, 499-502.	1.2	36
93	Many Mechanisms for Hsp70 Protection From Cerebral Ischemia. Journal of Neurosurgical Anesthesiology, 2004, 16, 53-61.	1.2	153
94	Pathophysiology of acute ischemic stroke.. Cleveland Clinic Journal of Medicine, 2004, 71, S25-S25.	1.3	7
95	Bclâ€2 overexpression protects against neuron loss within the ischemic margin following experimental stroke and inhibits cytochrome <i>c</i> translocation and caspaseâ€3 activity. Journal of Neurochemistry, 2003, 85, 1026-1036.	3.9	290
96	Mild Hypothermia Inhibits Nuclear Factor-ÎºB Translocation in Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 589-598.	4.3	127
97	Gene Therapy and Hypothermia for Stroke Treatment. Annals of the New York Academy of Sciences, 2003, 993, 54-68.	3.8	37
98	Mild Hypothermia Inhibits Inflammation After Experimental Stroke and Brain Inflammation. Stroke, 2003, 34, 2495-2501.	2.0	151
99	Cellular and molecular events underlying ischemia-induced neuronal apoptosis. Drug News and Perspectives, 2003, 16, 497.	1.5	70
100	Cellular targets of brain inflammation in stroke. Current Opinion in Investigational Drugs, 2003, 4, 522-9.	2.3	49
101	Neuroprotection: Heat Shock Proteins. Current Medical Research and Opinion, 2002, 18, s55-s60.	1.9	74
102	Effects of Mild Hypothermia on Superoxide Anion Production, Superoxide Dismutase Expression, and Activity Following Transient Focal Cerebral Ischemia. Neurobiology of Disease, 2002, 11, 28-42.	4.4	110
103	Influence of Mild Hypothermia on Inducible Nitric Oxide Synthase Expression and Reactive Nitrogen Production in Experimental Stroke and Inflammation. Journal of Neuroscience, 2002, 22, 3921-3928.	3.6	176
104	Gene transfer of HSP72 protects cornu ammonis 1 region of the hippocampus neurons from global ischemia: Influence of Bcl-2. Annals of Neurology, 2002, 52, 160-167.	5.3	123
105	Mild Hypothermia Reduces Apoptosis of Mouse Neurons <i>In vitro</i> Early in the Cascade. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 21-28.	4.3	189
106	Mild Hypothermia Attenuates Cytochrome C Release but Does Not Alter Bcl-2 Expression or Caspase Activation after Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 29-38.	4.3	108
107	Neuroprotection: heat shock proteins. Current Medical Research and Opinion, 2002, 18 Suppl 2, s55-60.	1.9	27
108	Differential Neuroprotection from Human Heat Shock Protein 70 Overexpression in in Vitro and in Vivo Models of Ischemia and Ischemia-like Conditions. Experimental Neurology, 2001, 170, 129-139.	4.1	118

#	Article	IF	Citations
109	Ischemic vulnerability of primary murine microglial cultures. Neuroscience Letters, 2001, 298, 5-8.	2.1	32
110	Mild hypothermia increases Bcl-2 protein expression following global cerebral ischemia. Molecular Brain Research, 2001, 95, 75-85.	2.3	85
111	Gene therapy for treatment of cerebral ischemia using defective herpes simplex viral vectors. Neurological Research, 2001, 23, 543-552.	1.3	15
112	Calbindin D28K Overexpression Protects Striatal Neurons From Transient Focal Cerebral Ischemia. Stroke, 2001, 32, 1028-1035.	2.0	115
113	Overexpression of HSP72 after Induction of Experimental Stroke Protects Neurons from Ischemic Damage. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 1303-1309.	4.3	149
114	L-selectin inhibition does not reduce injury in a rabbit model of transient focal cerebral ischemia. Neurological Research, 2001, 23, 72-78.	1.3	37
115	Delayed induction and long-term effects of mild hypothermia in a focal model of transient cerebral ischemia: neurological outcome and infarct size. Journal of Neurosurgery, 2001, 94, 90-96.	1.6	161
116	Gene Therapy for Treatment of Cerebral Ischemia Using Defective Herpes Simplex Viral Vectors. Annals of the New York Academy of Sciences, 2001, 939, 340-357.	3.8	26
117	^{99m} Tc Annexin V Imaging of Neonatal Hypoxic Brain Injury. Stroke, 2000, 31, 2692-2700.	2.0	56
118	Diffusion- and perfusion-weighted magnetic resonance imaging of focal cerebral ischemia and cortical spreading depression under conditions of mild hypothermia. Brain Research, 2000, 885, 208-219.	2.2	60
119	The neuroprotective potential of heat shock protein 70 (HSP70). Trends in Molecular Medicine, 1999, 5, 525-531.	2.6	210
120	A Standardized MRI Stroke Protocol: Comparison with CT in Hyperacute Intracerebral Hemorrhage. Stroke, 1999, 30, 1974-1981.	2.0	6
121	Intra-Arterial rtPA Treatment of Stroke Assessed by Diffusion- and Perfusion-Weighted MRI. Stroke, 1999, 30, 678-680.	2.0	41
122	Gene therapy with HSP72 is neuroprotective in rat models of stroke and epilepsy. Annals of Neurology, 1998, 44, 584-591.	5.3	311
123	Hu23F2G, an Antibody Recognizing the Leukocyte CD11/CD18 Integrin, Reduces Injury in a Rabbit Model of Transient Focal Cerebral Ischemia. Experimental Neurology, 1998, 153, 223-233.	4.1	107
124	Optimal Depth and Duration of Mild Hypothermia in a Focal Model of Transient Cerebral Ischemia. Stroke, 1998, 29, 2171-2180.	2.0	314
125	Improved Perfusion with rt-PA and Hirulog in a Rabbit Model of Embolic Stroke. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 401-411.	4.3	35
126	Time-course and treatment response with SNX-111, an N-type calcium channel blocker, in a rodent model of focal cerebral ischemia using diffusion-weighted MRI. Brain Research, 1996, 739, 36-45.	2.2	59

#	Article	IF	Citations
127	Clinical Aspects of DWI. NMR in Biomedicine, 1995, 8, 387-396.	2.8	84
128	Thrombolysis with tissue plasminogen activator (tPA) is temperature dependent. Thrombosis Research, 1995, 77, 475-481.	1.7	111