Richard F Keep

List of Publications by Year
in descending order

351 papers	23,185 citations	8208 78 h-index	12940 136 g-index
358 all docs	358 docs citations	358 times ranked	16945 citing authors

#	Article	IF	Citations
1	Iron-Induced Hydrocephalus: the Role of Choroid Plexus Stromal Macrophages. Translational Stroke Research, 2023, 14, 238-249.	2.3	3
2	Glymphatic system and post-hemorrhagic hydrocephalus. Brain Hemorrhages, 2023, 4, 44-46.	0.4	1
3	The Fate of Erythrocytes after Cerebral Hemorrhage. Translational Stroke Research, 2022, 13, 655-664.	2.3	16
4	A timeline of oligodendrocyte death and proliferation following experimental subarachnoid hemorrhage. CNS Neuroscience and Therapeutics, 2022, 28, 842-850.	1.9	7
5	Novel targets, treatments, and advanced models for intracerebral haemorrhage. EBioMedicine, 2022, 76, 103880.	2.7	39
6	Delayed Minocycline Treatment Ameliorates Hydrocephalus Development and Choroid Plexus Inflammation in Spontaneously Hypertensive Rats. International Journal of Molecular Sciences, 2022, 23, 2306.	1.8	4
7	Too big, too small: selecting hematoma sizes for inclusion in intracerebral hemorrhage-deferoxamine trials. Translational Stroke Research, 2022, , 1.	2.3	1
8	Cerebrospinal fluid production by the choroid plexus: a century of barrier research revisited. Fluids and Barriers of the CNS, 2022, 19, 26.	2.4	47
9	Mechanisms of neuroinflammation in hydrocephalus after intraventricular hemorrhage: a review. Fluids and Barriers of the CNS, 2022, 19, 28.	2.4	25
10	Cerebral Cavernous Malformation Pathogenesis: Investigating Lesion Formation and Progression with Animal Models. International Journal of Molecular Sciences, 2022, 23, 5000.	1.8	4
11	Molecular Mechanisms of Cerebrovascular Diseases. International Journal of Molecular Sciences, 2022, 23, 7161.	1.8	1
12	Intra-hematomal White Matter Tracts Act As a Scaffold for Macrophage Infiltration After Intracerebral Hemorrhage. Translational Stroke Research, 2021, 12, 858-865.	2.3	12
13	Cerebrospinal Fluid from Aneurysmal Subarachnoid Hemorrhage Patients Leads to Hydrocephalus in Nude Mice. Neurocritical Care, 2021, 34, 423-431.	1.2	5
14	The Role of Thrombin in Brain Injury After Hemorrhagic and Ischemic Stroke. Translational Stroke Research, 2021, 12, 496-511.	2.3	46
15	Role of lipocalin-2 in extracellular peroxiredoxin 2-induced brain swelling, inflammation and neuronal death. Experimental Neurology, 2021, 335, 113521.	2.0	15
16	Ultra-Early Cerebral Thrombosis Formation After Experimental Subarachnoid Hemorrhage Detected on T2* Magnetic Resonance Imaging. Stroke, 2021, 52, 1033-1042.	1.0	16
17	Hydrocephalus Induced by Intraventricular Peroxiredoxin-2: The Role of Macrophages in the Choroid Plexus. Biomolecules, 2021, 11, 654.	1.8	11
18	Hydrocephalus Following Experimental Subarachnoid Hemorrhage in Rats with Different Aerobic Capacity. International Journal of Molecular Sciences, 2021, 22, 4489.	1.8	3

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19	Brain Barriers and brain fluids research in 2020 and the fluids and barriers of the CNS thematic series on advances in in vitro modeling of the bloodâ€“brain barrier and neurovascular unit. Fluids and Barriers of the CNS, 2021, 18, 24.	2.4	7
20	Acute micro-thrombosis after subarachnoid hemorrhage: A new therapeutic target?. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2470-2472.	2.4	10
21	The role of complement in brain injury following intracerebral hemorrhage: A review. Experimental Neurology, 2021, 340, 113654.	2.0	21
22	Assessing early erythrolysis and the relationship to perihematomal iron overload and white matter survival in human intracerebral hemorrhage. CNS Neuroscience and Therapeutics, 2021, 27, 1118-1126.	1.9	11
23	White Matter Survival within and around the Hematoma: Quantification by MRI in Patients with Intracerebral Hemorrhage. Biomolecules, 2021, 11, 910.	1.8	5
24	Acute T2*-Weighted Magnetic Resonance Imaging Detectable Cerebral Thrombosis in a Rat Model of Subarachnoid Hemorrhage. Translational Stroke Research, 2021, , 1.	2.3	7
25	CD47 blocking antibody accelerates hematoma clearance and alleviates hydrocephalus after experimental intraventricular hemorrhage. Neurobiology of Disease, 2021, 155, 105384.	2.1	16
26	Role of Complement Component 3 in Early Erythrolysis in the Hematoma After Experimental Intracerebral Hemorrhage. Stroke, 2021, 52, 2649-2660.	1.0	21
27	Impact of sex differences on thrombin-induced hydrocephalus and white matter injury: the role of neutrophils. Fluids and Barriers of the CNS, 2021, 18, 38.	2.4	11
28	The Two Faces of Estrogen in Experimental Hemorrhagic Stroke. Translational Stroke Research, 2021, , 1.	2.3	0
29	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. Frontiers in Aging Neuroscience, 2021, 13, 623751.	1.7	17
30	Intracerebral Hemorrhageâ€“Induced Brain Injury in Rats: the Role of Extracellular Peroxiredoxin 2. Translational Stroke Research, 2020, 11, 288-295.	2.3	30
31	CD47 Blocking Antibody Accelerates Hematoma Clearance After Intracerebral Hemorrhage in Aged Rats. Translational Stroke Research, 2020, 11, 541-551.	2.3	37
32	Modeling bloodâ€“brain barrier pathology in cerebrovascular disease in vitro: current and future paradigms. Fluids and Barriers of the CNS, 2020, 17, 44.	2.4	38
33	Mechanisms of Postâ€“Hemorrhagic Stroke Hydrocephalus Development: The Role of Kolmer Epiplexus Cells. World Neurosurgery, 2020, 144, 256-257.	0.7	3
34	A novel approach to treatment of thromboembolic stroke in mice: Redirecting neutrophils toward a peripherally implanted CXCL1-soaked sponge. Experimental Neurology, 2020, 330, 113336.	2.0	16
35	This was the year that was: brain barriers and brain fluid research in 2019. Fluids and Barriers of the CNS, 2020, 17, 20.	2.4	6
36	Multinucleated Giant Cells in Experimental Intracerebral Hemorrhage. Translational Stroke Research, 2020, 11, 1095-1102.	2.3	26

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37	Recommendations for Clinical Trials in ICH. Stroke, 2020, 51, 1333-1338.	1.0	42
38	Effects of aging on hydrocephalus after intraventricular hemorrhage. Fluids and Barriers of the CNS, 2020, 17, 8.	2.4	14
39	Prx2 (Peroxiredoxin 2) as a Cause of Hydrocephalus After Intraventricular Hemorrhage. Stroke, 2020, 51, 1578-1586.	1.0	27
40	Blending Established and New Perspectives on Choroid Plexus-CSF Dynamics. Physiology in Health and Disease, 2020, , 35-81.	0.2	2
41	Perihematomal brain tissue iron concentration measurement by MRI in patients with intracerebral hemorrhage. CNS Neuroscience and Therapeutics, 2020, 26, 896-901.	1.9	19
42	Minocycline attenuates brain injury and iron overload after intracerebral hemorrhage in aged female rats. Neurobiology of Disease, 2019, 126, 76-84.	2.1	46
43	Early Hemolysis Within Human Intracerebral Hematomas: an MRI Study. Translational Stroke Research, 2019, 10, 52-56.	2.3	29
44	The effect of age-related risk factors and comorbidities on white matter injury and repair after ischemic stroke. Neurobiology of Disease, 2019, 126, 13-22.	2.1	14
45	Activation of epiplexus macrophages in hydrocephalus caused by subarachnoid hemorrhage and thrombin. CNS Neuroscience and Therapeutics, 2019, 25, 1134-1141.	1.9	27
46	Involvement of Epigenetic Mechanisms and Non-coding RNAs in Blood-Brain Barrier and Neurovascular Unit Injury and Recovery After Stroke. Frontiers in Neuroscience, 2019, 13, 864.	1.4	39
47	Unexpected encounters at the crossroads: Intersections between dopamine, the immune system and psychiatric disorders at the blood-CSF barrier. Brain, Behavior, and Immunity, 2019, 81, 20-21.	2.0	0
48	White matter T2 hyperintensities and bloodâ€brain barrier disruption in the hyperacute stage of subarachnoid hemorrhage in male mice: The role of lipocalinâ€2. CNS Neuroscience and Therapeutics, 2019, 25, 1207-1214.	1.9	25
49	Endothelial Targets in Stroke. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2240-2247.	1.1	42
50	Complement Inhibition Attenuates Early Erythrolysis in the Hematoma and Brain Injury in Aged Rats. Stroke, 2019, 50, 1859-1868.	1.0	33
51	Deferoxamine therapy reduces brain hemin accumulation after intracerebral hemorrhage in piglets. Experimental Neurology, 2019, 318, 244-250.	2.0	28
52	Enhancement of Hematoma Clearance With CD47 Blocking Antibody in Experimental Intracerebral Hemorrhage. Stroke, 2019, 50, 1539-1547.	1.0	61
53	The effect of aging on brain injury and recovery after stroke. Neurobiology of Disease, 2019, 126, 1-2.	2.1	3
54	Effects of minocycline on epiplexus macrophage activation, choroid plexus injury and hydrocephalus development in spontaneous hypertensive rats. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1936-1948.	2.4	31

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55	The year in review: progress in brain barriers and brain fluid research in 2018. Fluids and Barriers of the CNS, 2019, 16, 4.	2.4	10
56	Response by Hua et al to Letter Regarding Article, â€œEnhancement of Hematoma Clearance With CD47 Blocking Antibody in Experimental Intracerebral Hemorrhageâ€• Stroke, 2019, 50, e266.	1.0	0
57	Involvement of human and canine MRP1 and MRP4 in benzylpenicillin transport. PLoS ONE, 2019, 14, e0225702.	1.1	11
58	Decline in Sirtuin-1 expression and activity plays a critical role in blood-brain barrier permeability in aging. Neurobiology of Disease, 2019, 126, 105-116.	2.1	89
59	Brain tissue iron quantification by MRI in intracerebral hemorrhage: Current translational evidence and pitfalls. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 562-564.	2.4	10
60	Brain Ceruloplasmin Expression After Experimental Intracerebral Hemorrhage and Protection Against Iron-Induced Brain Injury. Translational Stroke Research, 2019, 10, 112-119.	2.3	42
61	Claudin-1-Dependent Destabilization of the Bloodâ€“Brain Barrier in Chronic Stroke. Journal of Neuroscience, 2019, 39, 743-757.	1.7	86
62	Histidine-rich Glycoprotein Could Be an Early Predictor of Vasospasm after Aneurysmal Subarachnoid Hemorrhage. Acta Medica Okayama, 2019, 73, 29-39.	0.1	6
63	Minocycline Effects on Intracerebral Hemorrhage-Induced Iron Overload in Aged Rats. Stroke, 2018, 49, 995-1002.	1.0	44
64	Comment on â€œRole of Choroid Plexus in Cerebrospinal Fluid Hydrodynamicsâ€• Neuroscience, 2018, 380, 164.	1.1	3
65	Basic and Translational Research in Intracerebral Hemorrhage. Stroke, 2018, 49, 1308-1314.	1.0	41
66	Hematoma clearance as a therapeutic target in intracerebral hemorrhage: From macro to micro. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 741-745.	2.4	53
67	Connexin 43 gap junctions contribute to brain endothelial barrier hyperpermeability in familial cerebral cavernous malformations type III by modulating tight junction structure. FASEB Journal, 2018, 32, 2615-2629.	0.2	49
68	UM-Chor1: establishment and characterization of the first validated clival chordoma cell line. Journal of Neurosurgery, 2018, 128, 701-709.	0.9	17
69	Injury mechanisms in acute intracerebral hemorrhage. Neuropharmacology, 2018, 134, 240-248.	2.0	168
70	Blood-brain barrier dysfunction and recovery after ischemic stroke. Progress in Neurobiology, 2018, 163-164, 144-171.	2.8	565
71	Expression of periaxin (PRX) specifically in the human cerebrovascular system: PDZ domain-mediated strengthening of endothelial barrier function. Scientific Reports, 2018, 8, 10042.	1.6	22
72	Association of Brain CD163 Expression and Brain Injury/Hydrocephalus Development in a Rat Model of Subarachnoid Hemorrhage. Frontiers in Neuroscience, 2018, 12, 313.	1.4	8

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73	Brain endothelial cell junctions after cerebral hemorrhage: Changes, mechanisms and therapeutic targets. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1255-1275.	2.4	123
74	Progress in brain barriers and brain fluid research in 2017. Fluids and Barriers of the CNS, 2018, 15, 6.	2.4	4
75	Opportunities in posthemorrhagic hydrocephalus research: outcomes of the Hydrocephalus Association Posthemorrhagic Hydrocephalus Workshop. Fluids and Barriers of the CNS, 2018, 15, 11.	2.4	35
76	Thrombin-induced tolerance against oxygen-glucose deprivation in astrocytes: role of protease-activated receptor-1. Conditioning Medicine, 2018, 1, 57-63.	1.3	7
77	Is there a central role for the cerebral endothelium and the vasculature in the brain response to conditioning stimuli?. Conditioning Medicine, 2018, 1, 220-232.	1.3	5
78	Endothelium-targeted overexpression of heat shock protein 27 ameliorates bloodâ€“brain barrier disruption after ischemic brain injury. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1243-E1252.	3.3	119
79	Brain barriers and brain fluid research in 2016: advances, challenges and controversies. Fluids and Barriers of the CNS, 2017, 14, 4.	2.4	1
80	Influence of peptide transporter 2 (PEPT2) on the distribution of cefadroxil in mouse brain: A microdialysis study. Biochemical Pharmacology, 2017, 131, 89-97.	2.0	21
81	Bloodâ€brain barrier models derived from individual patients: a new frontier. Journal of Neurochemistry, 2017, 140, 843-844.	2.1	3
82	CD163, a Hemoglobin/Haptoglobin Scavenger Receptor, After Intracerebral Hemorrhage: Functions in Microglia/Macrophages Versus Neurons. Translational Stroke Research, 2017, 8, 612-616.	2.3	45
83	Endocytosis of tight junction proteins and the regulation of degradation and recycling. Annals of the New York Academy of Sciences, 2017, 1397, 54-65.	1.8	73
84	MRI Characterization in the Acute Phase of Experimental Subarachnoid Hemorrhage. Translational Stroke Research, 2017, 8, 234-243.	2.3	42
85	CD163 Expression in Neurons After Experimental Intracerebral Hemorrhage. Stroke, 2017, 48, 1369-1375.	1.0	65
86	A novel role for PHT1 in the disposition of l -histidine in brain: In vitro slice and in vivo pharmacokinetic studies in wildtype and Pht1 null mice. Biochemical Pharmacology, 2017, 124, 94-102.	2.0	14
87	Challenges for intraventricular hemorrhage research and emerging therapeutic targets. Expert Opinion on Therapeutic Targets, 2017, 21, 1111-1122.	1.5	55
88	The choroid plexus as a site of damage in hemorrhagic and ischemic stroke and its role in responding to injury. Fluids and Barriers of the CNS, 2017, 14, 8.	2.4	35
89	Early Erythrolysis in the Hematoma After Experimental Intracerebral Hemorrhage. Translational Stroke Research, 2017, 8, 174-182.	2.3	88
90	Brain iron overload following intracranial haemorrhage. Stroke and Vascular Neurology, 2016, 1, 172-184.	1.5	101

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91	Microglia Activation and Polarization After Intracerebral Hemorrhage in Mice: the Role of Protease-Activated Receptor-1. Translational Stroke Research, 2016, 7, 478-487.	2.3	120
92	Translational Stroke Research on Blood-Brain Barrier Damage: Challenges, Perspectives, and Goals. Translational Stroke Research, 2016, 7, 89-92.	2.3	57
93	Hematoma Changes During Clot Resolution After Experimental Intracerebral Hemorrhage. Stroke, 2016, 47, 1626-1631.	1.0	96
94	d-Allose Attenuates Overexpression of Inflammatory Cytokines after Cerebral Ischemia/Reperfusion Injury in Gerbil. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 2184-2188.	0.7	20
95	COA-Cl, a Novel Synthesized Nucleoside Analog, Exerts Neuroprotective Effects in the Acute Phase of Intracerebral Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 2637-2643.	0.7	13
96	STAT3 Inhibition as a Therapeutic Strategy for Chordoma. Journal of Neurological Surgery, Part B: Skull Base, 2016, 77, 510-520.	0.4	9
97	Intraventricular Hemorrhage: the Role of Blood Components in Secondary Injury and Hydrocephalus. Translational Stroke Research, 2016, 7, 447-451.	2.3	60
98	Therapeutic targeting of oxygen-sensing prolyl hydroxylases abrogates ATF4-dependent neuronal death and improves outcomes after brain hemorrhage in several rodent models. Science Translational Medicine, 2016, 8, 328ra29.	5.8	106
99	Structural Alterations to the Endothelial Tight Junction Complex During Stroke. Springer Series in Translational Stroke Research, 2016, , 3-23.	0.1	1
100	Role of lipocalin 2 in intraventricular haemoglobin-induced brain injury. Stroke and Vascular Neurology, 2016, 1, 37-43.	1.5	13
101	Critical Role of the Sphingolipid Pathway in Stroke: a Review of Current Utility and Potential Therapeutic Targets. Translational Stroke Research, 2016, 7, 420-438.	2.3	58
102	Hemoglobin-induced neuronal degeneration in the hippocampus after neonatal intraventricular hemorrhage. Brain Research, 2016, 1635, 86-94.	1.1	61
103	Modifying bloodâ€“brain barrier transport to bring hope for patients with lysosomal storage diseases. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 474-475.	2.4	1
104	Role of Lipocalin-2 in Thrombin-Induced Brain Injury. Stroke, 2016, 47, 1078-1084.	1.0	21
105	Rapid endothelial cytoskeletal reorganization enables early bloodâ€“brain barrier disruption and long-term ischaemic reperfusion brain injury. Nature Communications, 2016, 7, 10523.	5.8	309
106	Ryanodine receptors contribute to the induction of ischemic tolerance. Brain Research Bulletin, 2016, 122, 45-53.	1.4	4
107	Junctional proteins of the blood-brain barrier: New insights into function and dysfunction. Tissue Barriers, 2016, 4, e1154641.	1.6	261
108	Role of Erythrocyte CD47 in Intracerebral Hematoma Clearance. Stroke, 2016, 47, 505-511.	1.0	67

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109	Effect of Gender on Iron-induced Brain Injury in Low Aerobic Capacity Rats. Acta Neurochirurgica Supplementum, 2016, 121, 367-371.	0.5	3
110	Mechanisms Underlying Astrocyte Endfeet Swelling in Stroke. Acta Neurochirurgica Supplementum, 2016, 121, 19-22.	0.5	18
111	Deferoxamine Attenuated the Upregulation of Lipocalin-2 Induced by Traumatic Brain Injury in Rats. Acta Neurochirurgica Supplementum, 2016, 121, 291-294.	0.5	19
112	Analysis of Small Ischemic Lesions in the Examinees of a Brain Dock and Neurological Examination of Animals Subjected to Cortical or Basal Ganglia Photothrombotic Infarction. Acta Neurochirurgica Supplementum, 2016, 121, 93-97.	0.5	5
113	Lipocalin 2 and Blood-Brain Barrier Disruption in White Matter after Experimental Subarachnoid Hemorrhage. Acta Neurochirurgica Supplementum, 2016, 121, 131-134.	0.5	32
114	Basal Ganglia Damage in Experimental Subarachnoid Hemorrhage. Acta Neurochirurgica Supplementum, 2016, 121, 141-144.	0.5	2
115	Zinc Protoporphyrin Attenuates White Matter Injury after Intracerebral Hemorrhage. Acta Neurochirurgica Supplementum, 2016, 121, 199-202.	0.5	9
116	The Effect of Gender on Acute Hydrocephalus after Experimental Subarachnoid Hemorrhage. Acta Neurochirurgica Supplementum, 2016, 121, 335-339.	0.5	13
117	Effects of Gender and Estrogen Receptors on Iron-Induced Brain Edema Formation. Acta Neurochirurgica Supplementum, 2016, 121, 341-345.	0.5	8
118	Role of Protease-Activated Receptor-1 in Glioma Growth. Acta Neurochirurgica Supplementum, 2016, 121, 355-360.	0.5	14
119	Minocycline Attenuates Iron-Induced Brain Injury. Acta Neurochirurgica Supplementum, 2016, 121, 361-365.	0.5	17
120	Acetazolamide Attenuates Thrombin-Induced Hydrocephalus. Acta Neurochirurgica Supplementum, 2016, 121, 373-377.	0.5	15
121	Effects of Aerobic Capacity on Thrombin-Induced Hydrocephalus and White Matter Injury. Acta Neurochirurgica Supplementum, 2016, 121, 379-384.	0.5	7
122	Role of Human Breast Cancer Related Protein versus P-Glycoprotein as an Efflux Transporter for Benzylpenicillin: Potential Importance at the Blood-Brain Barrier. PLoS ONE, 2016, 11, e0157576.	1.1	2
123	Advances in brain barriers and brain fluid research and news from Fluids and Barriers of the CNS. Fluids and Barriers of the CNS, 2015, 13, 1.	2.4	8
124	A magnetic resonance imaging grading system for subarachnoid hemorrhage severity in a rat model. Journal of Neuroscience Methods, 2015, 243, 115-119.	1.3	10
125	Microglia/Macrophage Polarization After Experimental Intracerebral Hemorrhage. Translational Stroke Research, 2015, 6, 407-409.	2.3	94
126	Discovery of anthranilamides as a novel class of inhibitors of neurotropic alphavirus replication. Bioorganic and Medicinal Chemistry, 2015, 23, 1569-1587.	1.4	9

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127	Iron-Induced Necrotic Brain Cell Death in Rats with Different Aerobic Capacity. Translational Stroke Research, 2015, 6, 215-223.	2.3	29
128	A balanced view of choroid plexus structure and function: Focus on adult humans. Experimental Neurology, 2015, 267, 78-86.	2.0	167
129	Intercellular cross-talk in intracerebral hemorrhage. Brain Research, 2015, 1623, 97-109.	1.1	35
130	Role of Lipocalin-2 in Brain Injury after Intracerebral Hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1454-1461.	2.4	52
131	New Grading System Based on Magnetic Resonance Imaging in a Mouse Model of Subarachnoid Hemorrhage. Stroke, 2015, 46, 582-584.	1.0	22
132	Deferoxamine reduces intracerebral hemorrhage-induced white matter damage in aged rats. Experimental Neurology, 2015, 272, 128-134.	2.0	40
133	PDCD10 (CCM3) regulates brain endothelial barrier integrity in cerebral cavernous malformation type 3: role of CCM3-ERK1/2-cortactin cross-talk. Acta Neuropathologica, 2015, 130, 731-750.	3.9	50
134	White Matter Injury After Subarachnoid Hemorrhage. Stroke, 2015, 46, 2909-2915.	1.0	72
135	Effect of transporter inhibition on the distribution of cefadroxil in rat brain. Fluids and Barriers of the CNS, 2014, 11, 25.	2.4	21
136	Hydrocephalus after Intraventricular Hemorrhage: The Role of Thrombin. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 489-494.	2.4	79
137	The effects of d-allose on transient ischemic neuronal death and analysis of its mechanism. Brain Research Bulletin, 2014, 109, 127-131.	1.4	18
138	Deferoxamine Attenuates White Matter Injury in a Piglet Intracerebral Hemorrhage Model. Stroke, 2014, 45, 290-292.	1.0	70
139	Divergent developmental expression and function of the protonâ€coupled oligopeptide transporters PepT2 and PhT1 in regional brain slices of mouse and rat. Journal of Neurochemistry, 2014, 129, 955-965.	2.1	22
140	Novel Indole-2-Carboxamide Compounds Are Potent Broad-Spectrum Antivirals Active against Western Equine Encephalitis Virus In Vivo. Journal of Virology, 2014, 88, 11199-11214.	1.5	13
141	Role of Hemoglobin and Iron in Hydrocephalus After Neonatal Intraventricular Hemorrhage. Neurosurgery, 2014, 75, 696-706.	0.6	83
142	Acute White Matter Injury After Experimental Subarachnoid Hemorrhage. Stroke, 2014, 45, 2141-2143.	1.0	60
143	Blood Pressure Lowering and Acute Perihematomal Brain Edema After Intracerebral Hemorrhage. Stroke, 2014, 45, 1241-1242.	1.0	4
144	Progress in translational research on intracerebral hemorrhage: Is there an end in sight?. Progress in Neurobiology, 2014, 115, 45-63.	2.8	132

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145	Inhibition of junctional adhesion molecule-A/LFA interaction attenuates leukocyte trafficking and inflammation in brain ischemia/reperfusion injury. Neurobiology of Disease, 2014, 67, 57-70.	2.1	72
146	Role of Red Blood Cell Lysis and Iron in Hydrocephalus after Intraventricular Hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1070-1075.	2.4	117
147	Brain CD47 expression in a swine model of intracerebral hemorrhage. Brain Research, 2014, 1574, 70-76.	1.1	31
148	Full Steam Ahead with Remote Ischemic Conditioning for Stroke. Translational Stroke Research, 2014, 5, 535-537.	2.3	14
149	News from the editors of Fluids and Barriers of the CNS. Fluids and Barriers of the CNS, 2014, 11, 13.	2.4	1
150	Vascular disruption and bloodâ€“brain barrier dysfunction in intracerebral hemorrhage. Fluids and Barriers of the CNS, 2014, 11, 18.	2.4	174
151	Thrombin-Induced Cerebral Hemorrhage: Role of Protease-Activated Receptor-1. Translational Stroke Research, 2014, 5, 472-475.	2.3	48
152	Deferoxamine Attenuates Acute Hydrocephalus After Traumatic Brain Injury in Rats. Translational Stroke Research, 2014, 5, 586-594.	2.3	76
153	Neuroprotection of granulocyte colony-stimulating factor during the acute phase of transient forebrain ischemia in gerbils. Brain Research, 2014, 1548, 49-55.	1.1	9
154	Antioxidative effects of Panax notoginseng saponins in brain cells. Phytomedicine, 2014, 21, 1189-1195.	2.3	76
155	Deferoxamine Reduces Neuronal Death and Hematoma Lysis After Intracerebral Hemorrhage in Aged Rats. Translational Stroke Research, 2013, 4, 546-553.	2.3	84
156	Impact of Lipopolysaccharide-Induced Inflammation on the Disposition of the Aminocephalosporin Cefadroxil. Antimicrobial Agents and Chemotherapy, 2013, 57, 6171-6178.	1.4	13
157	Optimization of Novel Indole-2-carboxamide Inhibitors of Neurotropic Alphavirus Replication. Journal of Medicinal Chemistry, 2013, 56, 9222-9241.	2.9	27
158	Should the STAIR Criteria Be Modified for Preconditioning Studies?. Translational Stroke Research, 2013, 4, 3-14.	2.3	15
159	DARPP-32 to Quantify Intracerebral Hemorrhage-Induced Neuronal Death in Basal Ganglia. Translational Stroke Research, 2013, 4, 130-134.	2.3	28
160	Role of iron in brain lipocalin 2 upregulation after intracerebral hemorrhage in rats. Brain Research, 2013, 1505, 86-92.	1.1	64
161	Susceptibility to intracerebral hemorrhage-induced brain injury segregates with low aerobic capacity in rats. Neurobiology of Disease, 2013, 49, 22-28.	2.1	10
162	Subarachnoid Hemorrhage-Induced Hydrocephalus in Rats. Stroke, 2013, 44, 547-550.	1.0	72

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163	Oligopeptide and Peptide-Like Drug Transport. , 2013, , 1688-1695.		1
164	Cerebral Hemorrhage, Brain Edema, and Heme Oxygenase-1 Expression After Experimental Traumatic Brain Injury. , 2013, 118, 83-87.		23
165	T2 and T2* Magnetic Resonance Imaging Sequences Predict Brain Injury After Intracerebral Hemorrhage in Rats. Acta Neurochirurgica Supplementum, 2013, 118, 151-155.	0.5	5
166	Brain Edema Formation and Complement Activation in a Rat Model of Subarachnoid Hemorrhage. , 2013, 118, 157-161.		15
167	Preconditioning and Intracerebral Hemorrhage. , 2013, , 309-316.		0
168	Brain Edema and Bloodâ€“Brain Barrier Opening After Photothrombotic Ischemia in Rat. Acta Neurochirurgica Supplementum, 2013, 118, 11-15.	0.5	4
169	Protective effects of isothiocyanates on blood-CSF barrier disruption induced by oxidative stress. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R1-R7.	0.9	31
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344	Mechanisms of Brain Ion Homeostasis during Acute and Chronic Variations of Plasma Potassium. Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 336-344.	2.4	16
345	Intracerebral infusion of thrombin as a cause of brain edema. Journal of Neurosurgery, 1995, 83, 1045-1050.	0.9	121
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348	Decrease in Perfusion of Cerebral Capillaries during Incomplete Ischemia and Reperfusion. Journal of Cerebral Blood Flow and Metabolism, 1990, 10, 213-220.	2.4	46
349	Thrombin and secondary brain damage following intracerebral hemorrhage. , 0, , 206-216.		1
350	The Blood-Brain Barrier. , 0, , 277-307.		2
351	Transcriptomic Profile of Bloodâ€"Brain Barrier Remodeling in Cerebral Amyloid Angiopathy. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	7