

Nikolaus Plesnila

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1836219/publications.pdf>

Version: 2024-02-01

128
papers

7,489
citations

57758

44
h-index

58581

82
g-index

135
all docs

135
docs citations

135
times ranked

10473
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutathione Peroxidase 4 Senses and Translates Oxidative Stress into 12/15-Lipoxygenase Dependent- and AIF-Mediated Cell Death. <i>Cell Metabolism</i> , 2008, 8, 237-248.	16.2	1,009
2	Shrinkage-mediated imaging of entire organs and organisms using uDISCO. <i>Nature Methods</i> , 2016, 13, 859-867.	19.0	522
3	Reactive Glia in the Injured Brain Acquire Stem Cell Properties in Response to Sonic Hedgehog. <i>Cell Stem Cell</i> , 2013, 12, 426-439.	11.1	332
4	Apoptosis-Inducing Factor Triggered by Poly(ADP-Ribose) Polymerase and Bid Mediates Neuronal Cell Death after Oxygen-Glucose Deprivation and Focal Cerebral Ischemia. <i>Journal of Neuroscience</i> , 2005, 25, 10262-10272.	3.6	309
5	RNA-Seq Identifies Circulating miR-125a-5p, miR-125b-5p, and miR-143-3p as Potential Biomarkers for Acute Ischemic Stroke. <i>Circulation Research</i> , 2017, 121, 970-980.	4.5	210
6	Results of a preclinical randomized controlled multicenter trial (pRCT): Anti-CD49d treatment for acute brain ischemia. <i>Science Translational Medicine</i> , 2015, 7, 299ra121.	12.4	207
7	High cortical spreading depression susceptibility and migraine-associated symptoms in Ca _v 2.1 S218L mice. <i>Annals of Neurology</i> , 2010, 67, 85-98.	5.3	206
8	Experimental Subarachnoid Hemorrhage Causes Early and Long-Lasting Microarterial Constriction and Microthrombosis: An <i>in-vivo</i> Microscopy Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 447-455.	4.3	179
9	Inhalation of Nitric Oxide Prevents Ischemic Brain Damage in Experimental Stroke by Selective Dilatation of Collateral Arterioles. <i>Circulation Research</i> , 2012, 110, 727-738.	4.5	163
10	Nuclear Translocation of Apoptosis-Inducing Factor after Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 458-466.	4.3	160
11	Temporal Profile of Thrombogenesis in the Cerebral Microcirculation after Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2010, 27, 121-130.	3.4	156
12	Effect of Early and Delayed Decompressive Craniectomy on Secondary Brain Damage after Controlled Cortical Impact in Mice. <i>Journal of Neurotrauma</i> , 2006, 23, 1083-1093.	3.4	154
13	Novel genetically encoded fluorescent probes enable real-time detection of potassium <i>in vitro</i> and <i>in vivo</i> . <i>Nature Communications</i> , 2017, 8, 1422.	12.8	130
14	Role of Arginine Vasopressin V ₁ and V ₂ Receptors for Brain Damage After Transient Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 1012-1019.	4.3	127
15	Pericytes are involved in the pathogenesis of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy. <i>Annals of Neurology</i> , 2015, 78, 887-900.	5.3	127
16	Release of Bradykinin and Expression of Kinin B2 Receptors in the Brain: Role for Cell Death and Brain Edema Formation After Focal Cerebral Ischemia in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 978-989.	4.3	124
17	Nitric Oxide: Considerations for the Treatment of Ischemic Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1332-1346.	4.3	114
18	Effect of Decompression Craniotomy on Increase of Contusion Volume and Functional Outcome after Controlled Cortical Impact in Mice. <i>Journal of Neurotrauma</i> , 2003, 20, 1307-1314.	3.4	106

#	ARTICLE	IF	CITATIONS
19	Cross-talk between monocyte invasion and astrocyte proliferation regulates scarring in brain injury. <i>EMBO Reports</i> , 2018, 19, .	4.5	98
20	Applying the Retro-Enantio Approach To Obtain a Peptide Capable of Overcoming the Blood-Brain Barrier. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3967-3972.	13.8	96
21	Characterization of microvascular basal lamina damage and blood-brain barrier dysfunction following subarachnoid hemorrhage in rats. <i>Brain Research</i> , 2007, 1142, 237-246.	2.2	88
22	The choroid plexus is a key cerebral invasion route for T cells after stroke. <i>Acta Neuropathologica</i> , 2017, 134, 851-868.	7.7	87
23	Non-invasive intraoperative monitoring of blood pressure and arterial pCO ₂ during surgical anesthesia in mice. <i>Journal of Neuroscience Methods</i> , 2007, 159, 261-267.	2.5	84
24	Inhaled Nitric Oxide Reduces Secondary Brain Damage after Traumatic Brain Injury in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 311-318.	4.3	81
25	Mitochondrial Small Conductance SK2 Channels Prevent Glutamate-induced Oxytosis and Mitochondrial Dysfunction. <i>Journal of Biological Chemistry</i> , 2013, 288, 10792-10804.	3.4	80
26	Standardized induction of subarachnoid hemorrhage in mice by intracranial pressure monitoring. <i>Journal of Neuroscience Methods</i> , 2010, 190, 164-170.	2.5	78
27	The Role of Bradykinin B ₁ and B ₂ Receptors for Secondary Brain Damage after Traumatic Brain Injury in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 130-139.	4.3	76
28	Are We Barking Up the Wrong Vessels?. <i>Stroke</i> , 2015, 46, 3014-3019.	2.0	76
29	Causal Role of Apoptosis-Inducing Factor for Neuronal Cell Death Following Traumatic Brain Injury. <i>American Journal of Pathology</i> , 2008, 173, 1795-1805.	3.8	75
30	MILD HYPOTHERMIA (33°C) REDUCES INTRACRANIAL HYPERTENSION AND IMPROVES FUNCTIONAL OUTCOME AFTER SUBARACHNOID HEMORRHAGE IN RATS. <i>Neurosurgery</i> , 2009, 65, 352-359.	1.1	74
31	Modeling Stroke in Mice: Permanent Coagulation of the Distal Middle Cerebral Artery. <i>Journal of Visualized Experiments</i> , 2014, , e51729.	0.3	73
32	Dysfunction of Mouse Cerebral Arteries during Early Aging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1445-1453.	4.3	66
33	Nitric oxide inhalation reduces brain damage, prevents mortality, and improves neurological outcome after subarachnoid hemorrhage by resolving early pial microvasospasms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 2096-2107.	4.3	65
34	The immune system in traumatic brain injury. <i>Current Opinion in Pharmacology</i> , 2016, 26, 110-117.	3.5	65
35	Temporal Profile of MicroRNA Expression in Contused Cortex after Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2016, 33, 713-720.	3.4	61
36	Contribution of Matrix Metalloproteinase-9 to Cerebral Edema and Functional Outcome following Experimental Subarachnoid Hemorrhage. <i>Cerebrovascular Diseases</i> , 2011, 32, 289-295.	1.7	60

#	ARTICLE	IF	CITATIONS
37	Inversion of neurovascular coupling after subarachnoid hemorrhage in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3625-3634.	4.3	60
38	Role of Bradykinin B2 Receptors in the Formation of Vasogenic Brain Edema in Rats. <i>Journal of Neurotrauma</i> , 2001, 18, 1049-1058.	3.4	57
39	The Novel Nitric Oxide Synthase Inhibitor 4-amino-tetrahydro-L-biopterine Prevents Brain Edema Formation and Intracranial Hypertension following Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2009, 26, 1963-1975.	3.4	54
40	Bax Regulates Neuronal Ca ²⁺ Homeostasis. <i>Journal of Neuroscience</i> , 2015, 35, 1706-1722.	3.6	52
41	Changes of Cerebral Blood Flow during the Secondary Expansion of a Cortical Contusion Assessed by ¹⁴ C-Iodoantipyrine Autoradiography in Mice Using a Non-Invasive Protocol. <i>Journal of Neurotrauma</i> , 2008, 25, 739-753.	3.4	49
42	In vivo temporal and spatial profile of leukocyte adhesion and migration after experimental traumatic brain injury in mice. <i>Journal of Neuroinflammation</i> , 2013, 10, 32.	7.2	49
43	Role of Cortical Spreading Depressions for Secondary Brain Damage after Traumatic Brain Injury in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1353-1360.	4.3	48
44	A semi-automated method for isolating functionally intact mitochondria from cultured cells and tissue biopsies. <i>Analytical Biochemistry</i> , 2013, 443, 66-74.	2.4	48
45	Ultrabright Fluorescent Polymeric Nanoparticles with a Stealth Pluronic Shell for Live Tracking in the Mouse Brain. <i>ACS Nano</i> , 2020, 14, 9755-9770.	14.6	48
46	Protocol for the Induction of Subarachnoid Hemorrhage in Mice by Perforation of the Circle of Willis with an Endovascular Filament. <i>Translational Stroke Research</i> , 2014, 5, 653-659.	4.2	40
47	Sustained Alterations of Hypothalamic Tanycytes During Posttraumatic Hypopituitarism in Male Mice. <i>Endocrinology</i> , 2014, 155, 1887-1898.	2.8	37
48	Anatibant®, a selective non-peptide bradykinin B2 receptor antagonist, reduces intracranial hypertension and histopathological damage after experimental traumatic brain injury. <i>Neuroscience Letters</i> , 2009, 454, 115-117.	2.1	36
49	Vasopressin V _{1a} Receptors Mediate Posthemorrhagic Systemic Hypertension Thereby Determining Rebleeding Rate and Outcome After Experimental Subarachnoid Hemorrhage. <i>Stroke</i> , 2012, 43, 227-232.	2.0	36
50	Role of apoptosis inducing factor (AIF) for hippocampal neuronal cell death following global cerebral ischemia in mice. <i>Neuroscience Letters</i> , 2011, 499, 1-3.	2.1	33
51	Quality of life up to 10 years after traumatic brain injury: a cross-sectional analysis. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 166.	2.4	33
52	Inhaled Nitric Oxide Protects Males But not Females from Neonatal Mouse Hypoxia-Induced Ischemia Brain Injury. <i>Translational Stroke Research</i> , 2013, 4, 201-207.	4.2	32
53	Effect of Small Molecule Vasopressin V _{1a} and V ₂ Receptor Antagonists on Brain Edema Formation and Secondary Brain Damage following Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2015, 32, 221-227.	3.4	31
54	Contributions of the immune system to the pathophysiology of traumatic brain injury – evidence by intravital microscopy. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 358.	3.7	30

#	ARTICLE	IF	CITATIONS
55	Plasminogen activator inhibitor-1 augments damage by impairing fibrinolysis after traumatic brain injury. <i>Annals of Neurology</i> , 2019, 85, 667-680.	5.3	30
56	Capillary flow disturbances after experimental subarachnoid hemorrhage: A contributor to delayed cerebral ischemia?. <i>Microcirculation</i> , 2019, 26, e12516.	1.8	30
57	Hyperexcitable interneurons trigger cortical spreading depression in an Scn1a migraine model. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	30
58	Endothelial Nitric Oxide Synthase Mediates Arteriolar Vasodilatation after Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2015, 32, 731-738.	3.4	29
59	CO ₂ Has no Therapeutic Effect on Early Micro Vasospasm after Experimental Subarachnoid Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, e1-e6.	4.3	28
60	Microvasospasms After Experimental Subarachnoid Hemorrhage Do Not Depend on Endothelin A Receptors. <i>Stroke</i> , 2018, 49, 693-699.	2.0	28
61	Cylindromatosis mediates neuronal cell death in vitro and in vivo. <i>Cell Death and Differentiation</i> , 2018, 25, 1394-1407.	11.2	28
62	Role of endothelial nitric oxide synthase for early brain injury after subarachnoid hemorrhage in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1669-1681.	4.3	28
63	RIPK1 or RIPK3 deletion prevents progressive neuronal cell death and improves memory function after traumatic brain injury. <i>Acta Neuropathologica Communications</i> , 2021, 9, 138.	5.2	27
64	Effect of Decompressive Craniectomy on Outcome Following Subarachnoid Hemorrhage in Mice. <i>Stroke</i> , 2015, 46, 819-826.	2.0	26
65	Arginine Vasopressin V _{1a} Receptor-Deficient Mice Have Reduced Brain Edema and Secondary Brain Damage following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 1442-1448.	3.4	25
66	Phase III Preclinical Trials in Translational Stroke Research: Community Response on Framework and Guidelines. <i>Translational Stroke Research</i> , 2016, 7, 241-247.	4.2	25
67	Quality of life after traumatic brain injury: a cross-sectional analysis uncovers age- and sex-related differences over the adult life span. <i>GeroScience</i> , 2021, 43, 263-278.	4.6	25
68	Bradykinin in Blood and Cerebrospinal Fluid after Acute Cerebral Lesions: Correlations with Cerebral Edema and Intracranial Pressure. <i>Journal of Neurotrauma</i> , 2013, 30, 1638-1644.	3.4	24
69	Acute changes in neurovascular reactivity after subarachnoid hemorrhage in vivo. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 178-187.	4.3	24
70	Contribution of Bradykinin Receptors to the Development of Secondary Brain Damage After Experimental Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2011, 68, 1118-1123.	1.1	22
71	Long-term impairment of neurovascular coupling following experimental subarachnoid hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1193-1202.	4.3	22
72	Time-Dependent Effects of Arginine-Vasopressin V ₁ Receptor Inhibition on Secondary Brain Damage after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1329-1336.	3.4	21

#	ARTICLE	IF	CITATIONS
73	Progressive Histopathological Damage Occurring Up to One Year after Experimental Traumatic Brain Injury Is Associated with Cognitive Decline and Depression-Like Behavior. <i>Journal of Neurotrauma</i> , 2020, 37, 1331-1341.	3.4	21
74	Identification of the Vascular Source of Vasogenic Brain Edema following Traumatic Brain Injury Using In Vivo 2-Photon Microscopy in Mice. <i>Journal of Neurotrauma</i> , 2015, 32, 990-1000.	3.4	20
75	Impact of anesthesia on pathophysiology and mortality following subarachnoid hemorrhage in rats. <i>Experimental & Translational Stroke Medicine</i> , 2012, 4, 5.	3.2	19
76	Inhalation of NO during myocardial ischemia reduces infarct size and improves cardiac function. <i>Intensive Care Medicine</i> , 2012, 38, 1381-1391.	8.2	19
77	Scavenging Free Iron Reduces Arteriolar Microvasospasms After Experimental Subarachnoid Hemorrhage. <i>Stroke</i> , 2021, 52, 4033-4042.	2.0	18
78	Inhibition of bradykinin B2 receptors before, not after onset of experimental subarachnoid hemorrhage prevents brain edema formation and improves functional outcome. <i>Critical Care Medicine</i> , 2009, 37, 2228-2234.	0.9	17
79	A Murine Model of Subarachnoid Hemorrhage. <i>Journal of Visualized Experiments</i> , 2013, , e50845.	0.3	17
80	Pathophysiological Role of Global Cerebral Ischemia following Subarachnoid Hemorrhage: The Current Experimental Evidence. <i>Stroke Research and Treatment</i> , 2013, 2013, 1-7.	0.8	17
81	The Formation of Microthrombi in Parenchymal Microvessels after Traumatic Brain Injury Is Independent of Coagulation Factor XI. <i>Journal of Neurotrauma</i> , 2016, 33, 1634-1644.	3.4	17
82	Skull Fractures Induce Neuroinflammation and Worsen Outcomes after Closed Head Injury in Mice. <i>Journal of Neurotrauma</i> , 2020, 37, 295-304.	3.4	17
83	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 623751.	3.4	17
84	Somatostatin triggers rhythmic electrical firing in hypothalamic GHRH neurons. <i>Scientific Reports</i> , 2016, 6, 24394.	3.3	16
85	Recent progress in translational research on neurovascular and neurodegenerative disorders. <i>Restorative Neurology and Neuroscience</i> , 2017, 35, 87-103.	0.7	16
86	Access to data from clinical trials in the COVID-19 crisis: open, flexible, and time-sensitive. <i>Journal of Clinical Epidemiology</i> , 2021, 130, 143-146.	5.0	16
87	LF16-0687 A Novel Non-Peptide Bradykinin B2 Receptor Antagonist Reduces Vasogenic Brain Edema from a Focal Lesion in Rats. , 2000, 76, 137-139.		16
88	Size-Selective Transfer of Lipid Nanoparticle-Based Drug Carriers Across the Blood Brain Barrier Via Vascular Occlusions Following Traumatic Brain Injury. <i>Small</i> , 2022, 18, e2200302.	10.0	15
89	Systematic Review and Meta-analysis of Methodological Quality in In Vivo Animal Studies of Subarachnoid Hemorrhage. <i>Translational Stroke Research</i> , 2020, 11, 1175-1184.	4.2	13
90	The Need for New Biomarkers to Assist with Stroke Prevention and Prediction of Post-Stroke Therapy Based on Plasma-Derived Extracellular Vesicles. <i>Biomedicines</i> , 2021, 9, 1226.	3.2	13

#	ARTICLE	IF	CITATIONS
91	Connexin 36 promotes cortical spreading depolarization and ischemic brain damage. <i>Brain Research</i> , 2012, 1479, 80-85.	2.2	12
92	Potassium ions promote hexokinase-II dependent glycolysis. <i>Science</i> , 2021, 24, 102346.	4.1	12
93	Decreased Secondary Lesion Growth and Attenuated Immune Response after Traumatic Brain Injury in Tlr2/4 ^{−/−} Mice. <i>Frontiers in Neurology</i> , 2017, 8, 455.	2.4	11
94	Decompressive Craniectomy Is Associated With Good Quality of Life Up to 10 Years After Rehabilitation From Traumatic Brain Injury. <i>Critical Care Medicine</i> , 2020, 48, 1157-1164.	0.9	11
95	Deviant reporter expression and P2X4 passenger gene overexpression in the soluble EGFP BAC transgenic P2X7 reporter mouse model. <i>Scientific Reports</i> , 2020, 10, 19876.	3.3	11
96	Translational neuroimaging in mild traumatic brain injury. <i>Journal of Neuroscience Research</i> , 2022, 100, 1201-1217.	2.9	11
97	Preclinical Phase III Trials in Translational Stroke Research. <i>Stroke</i> , 2014, 45, 357-357.	2.0	10
98	Central Application of Aliskiren, a Renin Inhibitor, Improves Outcome After Experimental Stroke Independent of Its Blood Pressure Lowering Effect. <i>Frontiers in Neurology</i> , 2019, 10, 942.	2.4	10
99	Stroke and stroke prevention in sickle cell anemia in developed and selected developing countries. <i>Journal of the Neurological Sciences</i> , 2021, 427, 117510.	0.6	10
100	Immobilization of Recombinant Fluorescent Biosensors Permits Imaging of Extracellular Ion Signals. <i>ACS Sensors</i> , 2021, 6, 3994-4000.	7.8	10
101	Adhesion of Leukocytes to Cerebral Venules Precedes Neuronal Cell Death and Is Sufficient to Trigger Tissue Damage After Cerebral Ischemia. <i>Frontiers in Neurology</i> , 2021, 12, 807658.	2.4	10
102	Vasopressin V1a Receptors Regulate Cerebral Aquaporin 1 after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 665-674.	3.4	9
103	Circadian effects on stroke outcome – Did we not wake up in time for neuroprotection?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 684-686.	4.3	9
104	Longitudinal Characterization of Blood–Brain Barrier Permeability after Experimental Traumatic Brain Injury by <i>In Vivo</i> 2-Photon Microscopy. <i>Journal of Neurotrauma</i> , 2021, 38, 399-410.	3.4	8
105	Perfusion pressure determines vascular integrity and histomorphological quality following perfusion fixation of the brain. <i>Journal of Neuroscience Methods</i> , 2022, 372, 109493.	2.5	8
106	The neuroprotective effect of 17 β -estradiol is independent of its antioxidative properties. <i>Brain Research</i> , 2014, 1589, 61-67.	2.2	7
107	Inhaled Nitric Oxide Treatment for Aneurysmal SAH Patients With Delayed Cerebral Ischemia. <i>Frontiers in Neurology</i> , 2022, 13, 817072.	2.4	6
108	The novel nitric oxide synthase inhibitor 4-amino-tetrahydro-L-biopterine prevents brain edema formation and intracranial hypertension following traumatic brain injury in mice. <i>Journal of Neurotrauma</i> , 0, , 110306202455053.	3.4	5

#	ARTICLE	IF	CITATIONS
109	The pseudoprotease iRhom1 controls ectodomain shedding of membrane proteins in the nervous system. <i>FASEB Journal</i> , 2021, 35, e21962.	0.5	5
110	Neurovascular Reactivity in the Aging Mouse Brain Assessed by Laser Speckle Contrast Imaging and 2-Photon Microscopy: Quantification by an Investigator-Independent Analysis Tool. <i>Frontiers in Neurology</i> , 2021, 12, 745770.	2.4	5
111	Dynamic tracing using ultra-bright labeling and multi-photon microscopy identifies endothelial uptake of poloxamer 188 coated poly(lactic-co-glycolic acid) nano-carriers in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102511.	3.3	5
112	CaV2.1 channel mutations causing familial hemiplegic migraine type 1 increase the susceptibility for cortical spreading depolarizations and seizures and worsen outcome after experimental traumatic brain injury. <i>ELife</i> , 2022, 11, .	6.0	5
113	Reactive Glia in the Injured Brain Acquire Stem Cell Properties in Response to Sonic Hedgehog. <i>Cell Stem Cell</i> , 2013, 12, 629.	11.1	4
114	Contusion Rodent Model of Traumatic Brain Injury: Controlled Cortical Impact. <i>Methods in Molecular Biology</i> , 2021, 2193, 49-65.	0.9	4
115	Influence of Organic Solvents on Secondary Brain Damage after Experimental Traumatic Brain Injury. <i>Neurotrauma Reports</i> , 2020, 1, 148-156.	1.4	4
116	AMPK-regulated miRNA-210 is activated during ischaemic neuronal injury and modulates PI3K-p70S6K signalling. <i>Journal of Neurochemistry</i> , 2021, 159, 710-728.	3.9	3
117	Acid-Ion Sensing Channel 1a Deletion Reduces Chronic Brain Damage and Neurological Deficits after Experimental Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 1572-1584.	3.4	3
118	Are We Looking Into an Iron Age for Subarachnoid Hemorrhage?. <i>Stroke</i> , 2022, 53, 1643-1644.	2.0	3
119	Experimental Therapies for Brain Edema and Intracranial Hypertension. , 2017, , 353-373.		2
120	Building the Evidence Base for Treatment of Chronic Subdural Hematoma. <i>Journal of Neurotrauma</i> , 2021, 38, 1465-1466.	3.4	2
121	Role of Pial Microvasospasms and Leukocyte Plugging for Parenchymal Perfusion after Subarachnoid Hemorrhage Assessed by In Vivo Multi-Photon Microscopy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8444.	4.1	2
122	Experimental Techniques to Investigate the Formation of Brain Edema In Vivo. , 2017, , 71-83.		1
123	Paving the Road to Translation. <i>Cerebrovascular Diseases</i> , 2012, 33, 340-340.	1.7	0
124	4. Pathophysiologie und Pathobiochemie. , 2018, , 51-70.		0
125	Diagnostic Potential of Distortion Product Otoacoustic Emissions in Noninvasive Assessment of Elevated Intracranial Pressure: Different Patterns of DPOAE Alterations in the Guinea Pig. <i>ISRN Anesthesiology</i> , 2011, 2011, 1-6.	0.3	0
126	Decompressive Craniectomy is Associated with Improved Quality of Life Up to Ten Years After Rehabilitation from Traumatic Brain Injury. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
127	Hexokinase-II Enzymatic Activity Requires High Levels of Intracellular K+. SSRN Electronic Journal, 0, , .	0.4	0
128	Pharmacologically targeting inflammation and improving cerebrospinal fluid circulation improves outcome after subarachnoid haemorrhage. EBioMedicine, 2022, 77, 103937.	6.1	0