Henrik Hagberg

List of Publications by Year
in descending order

114 papers	8,606 citations	66234 42 h-index	45213 90 g-index
115 all docs	115 docs citations	115 times ranked	8753 citing authors

#	Article	IF	Citations
1	Hypothermia is not therapeutic in a neonatal piglet model of inflammation-sensitized hypoxiaâ€“ischemia. Pediatric Research, 2022, 91, 1416-1427.	1.1	9
2	Induction of labour at 41Âweeks of gestation versus expectant management and induction of labour at 42Âweeks of gestation: AÂcostâ€effectiveness analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, 129, 2157-2165.	1.1	9
3	New possibilities for neuroprotection in neonatal hypoxic-ischemic encephalopathy. European Journal of Pediatrics, 2022, 181, 875-887.	1.3	31
4	Induction of Mitochondrial Fragmentation and Mitophagy after Neonatal Hypoxiaâ€“Ischemia. Cells, 2022, 11, 1193.	1.8	5
5	Maternal and fetal serum concentrations of magnesium after administration of a 6â€g bolus dose of magnesium sulfate (<scp>MgSO₄</scp>) to women with imminent preterm delivery. Acta Obstetricia Et Gynecologica Scandinavica, 2022, 101, 856-861.	1.3	5
6	Temporal brain transcriptome analysis reveals key pathological events after germinal matrix hemorrhage in neonatal rats. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1632-1649.	2.4	9
7	Serial blood cytokine and chemokine mRNA and microRNA over 48â€‰h are insult specific in a piglet model of inflammation-sensitized hypoxiaâ€“ischaemia. Pediatric Research, 2021, 89, 464-475.	1.1	4
8	Neuroprotection offered by mesenchymal stem cells in perinatal brain injury: Role of mitochondria, inflammation, and reactive oxygen species. Journal of Neurochemistry, 2021, 158, 59-73.	2.1	38
9	Womenâ€™s childbirth experiences in the Swedish Post-term Induction Study (SWEPIS): a multicentre, randomised, controlled trial. BMJ Open, 2021, 11, e042340.	0.8	10
10	Efficacy and safety of oral misoprostol vs transvaginal balloon catheter for labor induction: An observational study within the SWEdish Postterm Induction Study (SWEPIS). Acta Obstetricia Et Gynecologica Scandinavica, 2021, 100, 1463-1477.	1.3	5
11	Therapies for neonatal encephalopathy: Targeting the latent, secondary and tertiary phases of evolving brain injury. Seminars in Fetal and Neonatal Medicine, 2021, 26, 101256.	1.1	22
12	Single-cell atlas reveals meningeal leukocyte heterogeneity in the developing mouse brain. Genes and Development, 2021, 35, 1190-1207.	2.7	18
13	Effect of secondâ€trimester sonographic cervical length on the risk of spontaneous preterm delivery in different risk groups: A prospective observational multicenter study. Acta Obstetricia Et Gynecologica Scandinavica, 2021, 100, 1644-1655.	1.3	5
14	White matter injury but not germinal matrix hemorrhage induces elevated osteopontin expression in human preterm brains. Acta Neuropathologica Communications, 2021, 9, 166.	2.4	5
15	N-Acetyl Cysteine Restores Sirtuin-6 and Decreases HMGB1 Release Following Lipopolysaccharide-Sensitized Hypoxic-Ischemic Brain Injury in Neonatal Mice. Frontiers in Cellular Neuroscience, 2021, 15, 743093.	1.8	4
16	C3a Receptor Signaling Inhibits Neurodegeneration Induced by Neonatal Hypoxic-Ischemic Brain Injury. Frontiers in Immunology, 2021, 12, 768198.	2.2	8
17	Microbial invasion of the amniotic cavity is associated with impaired cognitive and motor function at school age in preterm children. Pediatric Research, 2020, 87, 924-931.	1.1	8
18	Type 2 Innate Lymphoid Cells Accumulate in the Brain After Hypoxia-Ischemia but Do Not Contribute to the Development of Preterm Brain Injury. Frontiers in Cellular Neuroscience, 2020, 14, 249.	1.8	8

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19	A Model of Germinal Matrix Hemorrhage in Preterm Rat Pups. Frontiers in Cellular Neuroscience, 2020, 14, 535320.	1.8	11
20	Second trimester cervical length measurements with transvaginal ultrasound: A prospective observational agreement and reliability study. Acta Obstetricia Et Gynecologica Scandinavica, 2020, 99, 1476-1485.	1.3	9
21	Severe maternal morbidity and mortality associated with COVIDâ€19: The risk should not be downplayed. Acta Obstetricia Et Gynecologica Scandinavica, 2020, 99, 815-816.	1.3	41
22	N-acetylcysteine inhibits bacterial lipopeptide-mediated neutrophil transmigration through the choroid plexus in the developing brain. Acta Neuropathologica Communications, 2020, 8, 4.	2.4	13
23	Overexpression of apoptosis inducing factor aggravates hypoxic-ischemic brain injury in neonatal mice. Cell Death and Disease, 2020, 11, 77.	2.7	27
24	Inhibiting the interaction between apoptosis-inducing factor and cyclophilin A prevents brain injury in neonatal mice after hypoxia-ischemia. Neuropharmacology, 2020, 171, 108088.	2.0	16
25	Induction of labour at 41 weeks or expectant management until 42 weeks: A systematic review and an individual participant data meta-analysis of randomised trials. PLoS Medicine, 2020, 17, e1003436.	3.9	25
26	Neuroprotective Effects of Diabetes Drugs for the Treatment of Neonatal Hypoxia-Ischemia Encephalopathy. Frontiers in Cellular Neuroscience, 2020, 14, 112.	1.8	8
27	Title is missing!. , 2020, 17, e1003436.		0
28	Title is missing!. , 2020, 17, e1003436.		0
29	Title is missing!. , 2020, 17, e1003436.		0
30	Title is missing!. , 2020, 17, e1003436.		0
31	Title is missing!. , 2020, 17, e1003436.		0
32	Title is missing!. , 2020, 17, e1003436.		0
33	Title is missing!. , 2020, 17, e1003436.		0
34	Title is missing!. , 2020, 17, e1003436.		0
35	Acute LPS sensitization and continuous infusion exacerbates hypoxic brain injury in a piglet model of neonatal encephalopathy. Scientific Reports, 2019, 9, 10184.	1.6	36
36	Decreased microglial Wnt/Î²-catenin signalling drives microglial pro-inflammatory activation in the developing brain. Brain, 2019, 142, 3806-3833.	3.7	97

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37	Dysmaturation of Somatostatin Interneurons Following Umbilical Cord Occlusion in Preterm Fetal Sheep. Frontiers in Physiology, 2019, 10, 563.	1.3	15
38	Long-term Risk of Neuropsychiatric Disease After Exposure to Infection In Utero. JAMA Psychiatry, 2019, 76, 594.	6.0	180
39	The Role of Mitochondrial and Endoplasmic Reticulum Reactive Oxygen Species Production in Models of Perinatal Brain Injury. Antioxidants and Redox Signaling, 2019, 31, 643-663.	2.5	26
40	Choroid plexus transcriptome and ultrastructure analysis reveals a TLR2-specific chemotaxis signature and cytoskeleton remodeling in leukocyte trafficking. Brain, Behavior, and Immunity, 2019, 79, 216-227.	2.0	33
41	Induction of labour at 41 weeks versus expectant management and induction of labour at 42 weeks (SWEdish Post-term Induction Study, SWEPIS): multicentre, open label, randomised, superiority trial. BMJ: British Medical Journal, 2019, 367, l6131.	2.4	87
42	Lack of the brain-specific isoform of apoptosis-inducing factor aggravates cerebral damage in a model of neonatal hypoxiaâ€"ischemia. Cell Death and Disease, 2019, 10, 3.	2.7	25
43	Lipopolysaccharideâ€induced alteration of mitochondrial morphology induces a metabolic shift in microglia modulating the inflammatory response in vitro and in vivo. Glia, 2019, 67, 1047-1061.	2.5	155
44	Magnesium induces preconditioning of the neonatal brain via profound mitochondrial protection. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1038-1055.	2.4	44
45	Embryonic Stem Cell-Derived Mesenchymal Stem Cells (MSCs) Have a Superior Neuroprotective Capacity Over Fetal MSCs in the Hypoxic-Ischemic Mouse Brain. Stem Cells Translational Medicine, 2018, 7, 439-449.	1.6	62
46	Magnesium sulphate induces preconditioning in preterm rodent models of cerebral hypoxiaâ€ischemia. International Journal of Developmental Neuroscience, 2018, 70, 56-66.	0.7	14
47	Neuroprotection of the hypoxic-ischemic mouse brain by human CD117+CD90+CD105+ amniotic fluid stem cells. Scientific Reports, 2018, 8, 2425.	1.6	20
48	Mitochondrial dynamics, mitophagy and biogenesis in neonatal hypoxicâ€ischaemic brain injury. FEBS Letters, 2018, 592, 812-830.	1.3	42
49	Î³Î´ T Cells Contribute to Injury in the Developing Brain. American Journal of Pathology, 2018, 188, 757-767.	1.9	44
50	Increase of neuronal injury markers Tau and neurofilament light proteins in umbilical blood after intrapartum asphyxia. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 2468-2472.	0.7	22
51	Peripheral myeloid cells contribute to brain injury in male neonatal mice. Journal of Neuroinflammation, 2018, 15, 301.	3.1	40
52	Myelination induction by a histamine H3 receptor antagonist in a mouse model of preterm white matter injury. Brain, Behavior, and Immunity, 2018, 74, 265-276.	2.0	25
53	Neuroprotective exendin-4 enhances hypothermia therapy in a model of hypoxic-ischaemic encephalopathy. Brain, 2018, 141, 2925-2942.	3.7	35
54	Lymphocytes Contribute to the Pathophysiology of Neonatal Brain Injury. Frontiers in Neurology, 2018, 9, 159.	1.1	37

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55	TWEAK Receptor Deficiency Has Opposite Effects on Female and Male Mice Subjected to Neonatal Hypoxiaâ€"Ischemia. Frontiers in Neurology, 2018, 9, 230.	1.1	3
56	Blood-based cerebral biomarkers in preeclampsia: Plasma concentrations of NfL, tau, S100B and NSE during pregnancy in women who later develop preeclampsia - A nested case control study. PLoS ONE, 2018, 13, e0196025.	1.1	29
57	Positive and negative conditioning in the neonatal brain. Conditioning Medicine, 2018, 1, 279-293.	1.3	3
58	Intranasal C3a treatment ameliorates cognitive impairment in a mouse model of neonatal hypoxicâ€"ischemic brain injury. Experimental Neurology, 2017, 290, 74-84.	2.0	36
59	Systemic activation of Toll-like receptor 2 suppresses mitochondrial respiration and exacerbates hypoxicâ€"ischemic injury in the developing brain. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1192-1198.	2.4	34
60	Chorioamnionitis in the Development of Cerebral Palsy: A Meta-analysis and Systematic Review. Pediatrics, 2017, 139, .	1.0	84
61	Oxidative stress and endoplasmic reticulum (ER) stress in the development of neonatal hypoxicâ€"ischaemic brain injury. Biochemical Society Transactions, 2017, 45, 1067-1076.	1.6	51
62	Role of microglia in a mouse model of paediatric traumatic brain injury. Brain, Behavior, and Immunity, 2017, 63, 197-209.	2.0	64
63	TLR2-mediated leukocyte trafficking to the developing brain. Journal of Leukocyte Biology, 2017, 101, 297-305.	1.5	38
64	Mitochondria, Bioenergetics and Excitotoxicity: New Therapeutic Targets in Perinatal Brain Injury. Frontiers in Cellular Neuroscience, 2017, 11, 199.	1.8	43
65	Cell Death in the Developing Brain after Hypoxia-Ischemia. Frontiers in Cellular Neuroscience, 2017, 11, 248.	1.8	123
66	Î³Î´T cells but not Î±Î²T cells contribute to sepsis-induced white matter injury and motor abnormalities in mice. Journal of Neuroinflammation, 2017, 14, 255.	3.1	32
67	Effect of Trp53 gene deficiency on brain injury after neonatal hypoxia-ischemia. Oncotarget, 2017, 8, 12081-12092.	0.8	5
68	Temporal Characterization of Microglia/Macrophage Phenotypes in a Mouse Model of Neonatal Hypoxic-Ischemic Brain Injury. Frontiers in Cellular Neuroscience, 2016, 10, 286.	1.8	83
69	One uterus bridging three generations: first live birth after mother-to-daughter uterus transplantation. Fertility and Sterility, 2016, 106, 261-266.	0.5	137
70	Study protocol of SWEPIS a Swedish multicentre register based randomised controlled trial to compare induction of labour at 41 completed gestational weeks versus expectant management and induction at 42 completed gestational weeks. BMC Pregnancy and Childbirth, 2016, 16, 49.	0.9	20
71	Perinatal brain damage: The term infant. Neurobiology of Disease, 2016, 92, 102-112.	2.1	85
72	Mitochondrial Optic Atrophy (OPA) 1 Processing Is Altered in Response to Neonatal Hypoxic-Ischemic Brain Injury. International Journal of Molecular Sciences, 2015, 16, 22509-22526.	1.8	47

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73	The role of inflammation in perinatal brain injury. Nature Reviews Neurology, 2015, 11, 192-208.	4.9	669
74	Brain Barrier Properties and Cerebral Blood Flow in Neonatal Mice Exposed to Cerebral Hypoxia-Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 818-827.	2.4	104
75	Role of mitochondria in apoptotic and necroptotic cell death in the developing brain. Clinica Chimica Acta, 2015, 451, 35-38.	0.5	82
76	Transvaginal sonographic evaluation of cervical length in the second trimester of asymptomatic singleton pregnancies, and the risk of preterm delivery. Acta Obstetricia Et Gynecologica Scandinavica, 2015, 94, 598-607.	1.3	40
77	Specific Lipopolysaccharide Serotypes Induce Differential Maternal and Neonatal Inflammatory Responses in a Murine Model of Preterm Labor. American Journal of Pathology, 2015, 185, 2390-2401.	1.9	67
78	<i>Staphylococcus epidermidis</i>Bacteremia Induces Brain Injury in Neonatal Mice via Toll-like Receptor 2-Dependent and -Independent Pathways. Journal of Infectious Diseases, 2015, 212, 1480-1490.	1.9	33
79	Livebirth after uterus transplantation. Lancet, The, 2015, 385, 607-616.	6.3	641
80	The effect of osteopontin and osteopontin-derived peptides on preterm brain injury. Journal of Neuroinflammation, 2014, 11, 197.	3.1	28
81	Failure of thyroid hormone treatment to prevent inflammation-induced white matter injury in the immature brain. Brain, Behavior, and Immunity, 2014, 37, 95-102.	2.0	39
82	Microglia toxicity in preterm brain injury. Reproductive Toxicology, 2014, 48, 106-112.	1.3	53
83	Mitochondria: hub of injury responses in the developing brain. Lancet Neurology, The, 2014, 13, 217-232.	4.9	153
84	Stem Cell Therapy for Neonatal Brain Injury. Clinics in Perinatology, 2014, 41, 133-148.	0.8	45
85	Characterization of phenotype markers and neuronotoxic potential of polarised primary microglia in vitro. Brain, Behavior, and Immunity, 2013, 32, 70-85.	2.0	529
86	Inflammation during fetal and neonatal life: Implications for neurologic and neuropsychiatric disease in children and adults. Annals of Neurology, 2012, 71, 444-457.	2.8	448
87	Systemic inflammation disrupts the developmental program of white matter. Annals of Neurology, 2011, 70, 550-565.	2.8	337
88	Fetal and Neonatal Brain Injury. Acta Obstetricia Et Gynecologica Scandinavica, 2010, 89, 852-853.	1.3	0
89	Apoptotic Mechanisms in the Immature Brain: Involvement of Mitochondria. Journal of Child Neurology, 2009, 24, 1141-1146.	0.7	88
90	Induction of labor versus expectant management for post-date pregnancy: Is there sufficient evidence for a change in clinical practice?. Acta Obstetricia Et Gynecologica Scandinavica, 2009, 88, 6-17.	1.3	87

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91	Role of cytokines in preterm labour and brain injury. BJOG: an International Journal of Obstetrics and Gynaecology, 2005, 112, 16-18.	1.1	156
92	Brain injury in preterm infantsâ€"what can the obstetrician do?. Early Human Development, 2005, 81, 231-235.	0.8	13
93	Preterm birth in Sweden 1973-2001: Rate, subgroups, and effect of changing patterns in multiple births, maternal age, and smoking. Acta Obstetricia Et Gynecologica Scandinavica, 2005, 84, 558-565.	1.3	8
94	Effects of intrauterine inflammation on developing mouse brain. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S110-S110.	2.4	0
95	PARP-1 gene disruption in mice preferentially protects males from perinatal brain injury. Journal of Neurochemistry, 2004, 90, 1068-1075.	2.1	266
96	Preconditioning and the developing brain. Seminars in Perinatology, 2004, 28, 389-395.	1.1	52
97	Mitochondrial Impairment in the Developing Brain After Hypoxiaâ€"Ischemia. Journal of Bioenergetics and Biomembranes, 2004, 36, 369-373.	1.0	70
98	Interleukin-18 in cervical mucus and amniotic fluid: relationship to microbial invasion of the amniotic fluid, intra-amniotic inflammation and preterm delivery. BJOG: an International Journal of Obstetrics and Gynaecology, 2003, 110, 598-603.	1.1	58
99	No Correlation Between Cerebral Palsy and Cytokines in Postnatal Blood of Preterms: Commentary on the article by Nelson et al. on page 600. Pediatric Research, 2003, 53, 544-545.	1.1	13
100	Microbial invasion and cytokine response in amniotic fluid in a Swedish population of women with preterm prelabor rupture of membranes. Acta Obstetricia Et Gynecologica Scandinavica, 2003, 82, 423-431.	1.3	18
101	Sequelae of chorioamnionitis. Current Opinion in Infectious Diseases, 2002, 15, 301-306.	1.3	129
102	Models of white matter injury: Comparison of infectious, hypoxic-ischemic, and excitotoxic insults. Mental Retardation and Developmental Disabilities Research Reviews, 2002, 8, 30-38.	3.5	389
103	Levels of dimethylarginines and cytokines in mild and severe preeclampsia. Acta Obstetricia Et Gynecologica Scandinavica, 2001, 80, 602-608.	1.3	36
104	Bacterial endotoxin sensitizes the immature brain to hypoxic-ischaemic injury. European Journal of Neuroscience, 2001, 13, 1101-1106.	1.2	382
105	Is Periventricular Leukomalacia an Axonopathy as Well as an Oligopathy?. Pediatric Research, 2001, 49, 453-457.	1.1	75
106	Possible Protective Role of Growth Hormone in Hypoxia-Ischemia in Neonatal Rats. Pediatric Research, 1999, 45, 318-323.	1.1	84
107	Chemokine and Inflammatory Cell Response to Hypoxia-Ischemia in Immature Rats. Pediatric Research, 1999, 45, 500-509.	1.1	308
108	Mitochondrial Function and Energy Metabolism after Hypoxiaâ€"Ischemia in the Immature Rat Brain: Involvement of NMDA-Receptors. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 297-304.	2.4	108

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109	Interleukin-1alpha, interleukin-6 and interleukin-8 in cervico/vaginal secretion for screening of preterm birth in twin gestation. Acta Obstetricia Et Gynecologica Scandinavica, 1998, 77, 508-514.	1.3	19
110	Protective Effects of Moderate Hypothermia after Neonatal Hypoxia-Ischemia: Short- and Long-Term Outcome. Pediatric Research, 1998, 43, 738-745.	1.1	301
111	Cytokine Response in Cerebrospinal Fluid after Birth Asphyxia. Pediatric Research, 1998, 43, 746-751.	1.1	167
112	Birth in standing position: A high frequency of third degree tears. Acta Obstetricia Et Gynecologica Scandinavica, 1994, 73, 630-633.	1.3	35
113	Increased Intraâ€•and Extracellular Concentrations of Î³â€Glutamylglutamate and Related Dipeptides in the Ischemic Rat Striatum: Involvement of Î³â€Glutamyl Transpeptidase. Journal of Neurochemistry, 1994, 63, 1371-1376.	2.1	35
114	Effect of propentofylline (HWA 285) on extracellular purines and excitatory amino acids in CA1 of rat hippocampus during transient ischaemia. British Journal of Pharmacology, 1990, 100, 814-818.	2.7	129