

Guido Wassink

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,246
citations

186209

28
h-index

243529

44
g-index

67
all docs

67
docs citations

67
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in developing therapeutic strategies for mild neonatal encephalopathy. <i>Neural Regeneration Research</i> , 2022, 17, 277.	1.6	15
2	Window of opportunity for human amnion epithelial stem cells to attenuate astrogliosis after umbilical cord occlusion in preterm fetal sheep. <i>Stem Cells Translational Medicine</i> , 2021, 10, 427-440.	1.6	13
3	Recombinant erythropoietin does not augment hypothermic white matter protection after global cerebral ischaemia in near-term fetal sheep. <i>Brain Communications</i> , 2021, 3, fcab172.	1.5	8
4	Adverse neural effects of delayed, intermittent treatment with rEPO after asphyxia in preterm fetal sheep. <i>Journal of Physiology</i> , 2021, 599, 3593-3609.	1.3	9
5	TLR7 agonist modulation of postasphyxial neurophysiological and cardiovascular adaptations in preterm fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R369-R378.	0.9	3
6	Magnetic Resonance Imaging Correlates of White Matter Gliosis and Injury in Preterm Fetal Sheep Exposed to Progressive Systemic Inflammation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8891.	1.8	15
7	Preterm Brain Injury, Antenatal Triggers, and Therapeutics: Timing Is Key. <i>Cells</i> , 2020, 9, 1871.	1.8	58
8	Connexin Hemichannel Mimetic Peptide Attenuates Cortical Interneuron Loss and Perineuronal Net Disruption Following Cerebral Ischemia in Near-Term Fetal Sheep. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6475.	1.8	7
9	Non-additive effects of adjunct erythropoietin therapy with therapeutic hypothermia after global cerebral ischaemia in near-term fetal sheep. <i>Journal of Physiology</i> , 2020, 598, 999-1015.	1.3	18
10	The Effect of Size, Maturation, Global Asphyxia, Cerebral Ischemia, and Therapeutic Hypothermia on the Pharmacokinetics of High-Dose Recombinant Erythropoietin in Fetal Sheep. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3042.	1.8	5
11	Tumor necrosis factor inhibition attenuates white matter gliosis after systemic inflammation in preterm fetal sheep. <i>Journal of Neuroinflammation</i> , 2020, 17, 92.	3.1	31
12	Limited benefit of slow rewarming after cerebral hypothermia for global cerebral ischemia in near-term fetal sheep. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2246-2257.	2.4	17
13	Protective effects of delayed intraventricular TLR7 agonist administration on cerebral white and gray matter following asphyxia in the preterm fetal sheep. <i>Scientific Reports</i> , 2019, 9, 9562.	1.6	12
14	Therapeutic Hypothermia in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 2.	2.0	91
15	Endogenous neuroprotection after perinatal hypoxia-ischaemia: the resilient developing brain. <i>Journal of the Royal Society of New Zealand</i> , 2019, 49, 79-99.	1.0	3
16	Delayed intranasal infusion of human amnion epithelial cells improves white matter maturation after asphyxia in preterm fetal sheep. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 223-239.	2.4	49
17	Can we further optimize therapeutic hypothermia for hypoxic-ischemic encephalopathy?. <i>Neural Regeneration Research</i> , 2019, 14, 1678.	1.6	30
18	The peripheral chemoreflex: indefatigable guardian of fetal physiological adaptation to labour. <i>Journal of Physiology</i> , 2018, 596, 5611-5623.	1.3	60

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19	A working model for hypothermic neuroprotection. <i>Journal of Physiology</i> , 2018, 596, 5641-5654.	1.3	59
20	Chronic inflammation and impaired development of the preterm brain. <i>Journal of Reproductive Immunology</i> , 2018, 125, 45-55.	0.8	61
21	How long is sufficient for optimal neuroprotection with cerebral cooling after ischemia in fetal sheep?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1047-1059.	2.4	45
22	Complex interactions between hypoxia-ischemia and inflammation in preterm brain injury. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 126-133.	1.1	89
23	Loss of interneurons and disruption of perineuronal nets in the cerebral cortex following hypoxia-ischaemia in near-term fetal sheep. <i>Scientific Reports</i> , 2018, 8, 17686.	1.6	22
24	Magnesium sulfate and sex differences in cardiovascular and neural adaptations during normoxia and asphyxia in preterm fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R205-R217.	0.9	10
25	The fetus at the tipping point: modifying the outcome of fetal asphyxia. <i>Journal of Physiology</i> , 2018, 596, 5571-5592.	1.3	38
26	Understanding Fetal Heart Rate Patterns That May Predict Antenatal and Intrapartum Neural Injury. <i>Seminars in Pediatric Neurology</i> , 2018, 28, 3-16.	1.0	31
27	Perinatal brain injury mechanisms and therapeutic approaches. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 2204-2226.	3.0	35
28	Magnesium sulfate reduces EEG activity but is not neuroprotective after asphyxia in preterm fetal sheep. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1362-1373.	2.4	38
29	Partial white and grey matter protection with prolonged infusion of recombinant human erythropoietin after asphyxia in preterm fetal sheep. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1080-1094.	2.4	37
30	In the Era of Therapeutic Hypothermia, How Well Do Studies of Perinatal Neuroprotection Control Temperature?. <i>Developmental Neuroscience</i> , 2017, 39, 7-22.	1.0	22
31	Reply from Christopher A. Lear, Robert Galinsky, Guido Wassink, Kyohei Yamaguchi, Joanne O. Davidson, Jenny A. Westgate, Laura Bennet and Alistair J. Gunn. <i>Journal of Physiology</i> , 2017, 595, 6081-6083.	1.3	2
32	Therapeutic hypothermia translates from ancient history in to practice. <i>Pediatric Research</i> , 2017, 81, 202-209.	1.1	95
33	Sympathetic neural activation does not mediate heart rate variability during repeated brief umbilical cord occlusions in near-term fetal sheep. <i>Journal of Physiology</i> , 2016, 594, 1265-1277.	1.3	44
34	Cholinergic and β^2 -adrenergic control of cardiovascular reflex responses to brief repeated asphyxia in term-equivalent fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R949-R956.	0.9	19
35	Extending the duration of hypothermia does not further improve white matter protection after ischemia in term-equivalent fetal sheep. <i>Scientific Reports</i> , 2016, 6, 25178.	1.6	38
36	HMGB1 Translocation After Ischemia in the Ovine Fetal Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 527-538.	0.9	16

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37	Magnesium sulphate and cardiovascular and cerebrovascular adaptations to asphyxia in preterm fetal sheep. <i>Journal of Physiology</i> , 2016, 594, 1281-1293.	1.3	24
38	The myths and physiology surrounding intrapartum decelerations: the critical role of the peripheral chemoreflex. <i>Journal of Physiology</i> , 2016, 594, 4711-4725.	1.3	80
39	Using Pregnant Sheep to Model Developmental Brain Damage. <i>NeuroMethods</i> , 2016, , 327-341.	0.2	11
40	Subclinical decelerations during developing hypotension in preterm fetal sheep after acute on chronic lipopolysaccharide exposure. <i>Scientific Reports</i> , 2015, 5, 16201.	1.6	13
41	Therapeutic Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy-Where to from Here?. <i>Frontiers in Neurology</i> , 2015, 6, 198.	1.1	149
42	Hypothermic Neuroprotection Is Associated With Recovery of Spectral Edge Frequency After Asphyxia in Preterm Fetal Sheep. <i>Stroke</i> , 2015, 46, 585-587.	1.0	13
43	Non-Additive Effects of Delayed Connexin Hemichannel Blockade and Hypothermia after Cerebral Ischemia in Near-Term Fetal Sheep. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 2052-2061.	2.4	26
44	How Long is Too Long for Cerebral Cooling after Ischemia in Fetal Sheep?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 751-758.	2.4	58
45	Spontaneous Pre-Existing Hypoxia Does Not Affect Brain Damage after Global Cerebral Ischaemia in Late-Gestation Fetal Sheep. <i>Developmental Neuroscience</i> , 2015, 37, 56-65.	1.0	3
46	Analgesics, sedatives, anticonvulsant drugs, and the cooled brain. <i>Seminars in Fetal and Neonatal Medicine</i> , 2015, 20, 109-114.	1.1	30
47	Studies of Perinatal Asphyxial Brain Injury in the Fetal Sheep. <i>NeuroMethods</i> , 2015, , 85-105.	0.2	1
48	Status Epilepticus after Prolonged Umbilical Cord Occlusion Is Associated with Greater Neural Injury Fetal Sheep at Term-Equivalent. <i>PLoS ONE</i> , 2014, 9, e96530.	1.1	17
49	The mechanisms and treatment of asphyxial encephalopathy. <i>Frontiers in Neuroscience</i> , 2014, 8, 40.	1.4	165
50	Biphasic changes in fetal heart rate variability in preterm fetal sheep developing hypotension after acute on chronic lipopolysaccharide exposure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R387-R395.	0.9	17
51	Asphyxia and Therapeutic Hypothermia Modulate Plasma Nitrite Concentrations and Carotid Vascular Resistance in Preterm Fetal Sheep. <i>Reproductive Sciences</i> , 2014, 21, 1483-1491.	1.1	2
52	Sustained sympathetic nervous system support of arterial blood pressure during repeated brief umbilical cord occlusions in near-term fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R787-R795.	0.9	43
53	Does Maturity Affect Cephalic Perfusion and T/QRS Ratio during Prolonged Umbilical Cord Occlusion in Fetal Sheep?. <i>Obstetrics and Gynecology International</i> , 2014, 2014, 1-11.	0.5	10
54	Ontogeny and control of the heart rate power spectrum in the last third of gestation in fetal sheep. <i>Experimental Physiology</i> , 2014, 99, 80-88.	0.9	17

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55	Quantifying the power spectrum of fetal heart rate variability. <i>Experimental Physiology</i> , 2014, 99, 468-468.	0.9	4
56	Neural plasticity and the Kennard principle: does it work for the preterm brain?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 774-784.	0.9	39
57	Pre-Existing Hypoxia Is Associated with Greater EEG Suppression and Early Onset of Evolving Seizure Activity during Brief Repeated Asphyxia in Near-Term Fetal Sheep. <i>PLoS ONE</i> , 2013, 8, e73895.	1.1	29
58	Maturation of the Mitochondrial Redox Response to Profound Asphyxia in Fetal Sheep. <i>PLoS ONE</i> , 2012, 7, e39273.	1.1	22
59	Regulation of cytochrome oxidase redox state during umbilical cord occlusion in preterm fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R1569-R1576.	0.9	40
60	Preexisting hypoxia is associated with a delayed but more sustained rise in T/QRS ratio during prolonged umbilical cord occlusion in near-term fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1287-R1293.	0.9	12
61	Cardiac-related rhythms in sympathetic nerve activity in preterm fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R185-R190.	0.9	11
62	The ontogeny of hemodynamic responses to prolonged umbilical cord occlusion in fetal sheep. <i>Journal of Applied Physiology</i> , 2007, 103, 1311-1317.	1.2	64
63	The intrapartum deceleration in center stage: a physiologic approach to the interpretation of fetal heart rate changes in labor. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, 236.e1-236.e11.	0.7	97
64	Suppression of post-hypoxic-ischemic EEG transients with dizocilpine is associated with partial striatal protection in the preterm fetal sheep. <i>Neuropharmacology</i> , 2006, 50, 491-503.	2.0	55
65	Transient NMDA receptor-mediated hypoperfusion following umbilical cord occlusion in preterm fetal sheep. <i>Experimental Physiology</i> , 2006, 91, 423-433.	0.9	7
66	Spontaneous hypoxia in multiple pregnancies is associated with early fetal decompensation and enhanced T-wave elevation during brief repeated cord occlusion in near-term fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 1526-1533.	0.7	34
67	Cerebral Oxygenation and Metabolism After Hypoxia-Ischemia. <i>Frontiers in Pediatrics</i> , 0, 10, .	0.9	8