

# Thomas R Wood Bm, Bch

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2936209/thomas-r-wood-bm-bch-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45  
papers

560  
citations

11  
h-index

22  
g-index

51  
ext. papers

733  
ext. citations

4.6  
avg, IF

4.18  
L-index

#	Paper	IF	Citations
45	Deaths in a Modern Cohort of Extremely Preterm Infants From the Preterm Erythropoietin Neuroprotection Trial.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2146404	10.4	0
44	Maternal and Neonatal Polyunsaturated Fatty Acid Intake and Risk of Neurodevelopmental Impairment in Premature Infants.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
43	Dexamethasone, Prednisolone, and Methylprednisolone Use and 2-Year Neurodevelopmental Outcomes in Extremely Preterm Infants.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e221947	10.4	1
42	Diffusion Tensor Imaging Changes Do Not Affect Long-Term Neurodevelopment following Early Erythropoietin among Extremely Preterm Infants in the Preterm Erythropoietin Neuroprotection Trial. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	3
41	Early Biomarkers of Hypoxia and Inflammation and Two-Year Neurodevelopmental Outcomes in the Preterm Erythropoietin Neuroprotection (PENUT) Trial. <i>EBioMedicine</i> , <b>2021</b> , 72, 103605	8.8	2
40	Reframing Nutritional Microbiota Studies To Reflect an Inherent Metabolic Flexibility of the Human Gut: a Narrative Review Focusing on High-Fat Diets. <i>MBio</i> , <b>2021</b> , 12,	7.8	3
39	Formulation and Efficacy of Catalase-Loaded Nanoparticles for the Treatment of Neonatal Hypoxic-Ischemic Encephalopathy. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
38	Assessment of 2-Year Neurodevelopmental Outcomes in Extremely Preterm Infants Receiving Opioids and Benzodiazepines. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2115998	10.4	3
37	What the obesity epidemic does not need: A cancel culture. <i>Lifestyle Medicine</i> , <b>2021</b> , 2, e27	0.7	
36	Cytokine and chemokine responses to injury and treatment in a nonhuman primate model of hypoxic-ischemic encephalopathy treated with hypothermia and erythropoietin. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2021</b> , 41, 2054-2066	7.3	2
35	Intracranial Hemorrhage and 2-Year Neurodevelopmental Outcomes in Infants Born Extremely Preterm. <i>Journal of Pediatrics</i> , <b>2021</b> , 238, 124-134.e10	3.6	3
34	Evaluating Neuroprotective Effects of Uridine, Erythropoietin, and Therapeutic Hypothermia in a Ferret Model of Inflammation-Sensitized Hypoxic-Ischemic Encephalopathy. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
33	Variability and sex-dependence of hypothermic neuroprotection in a rat model of neonatal hypoxic-ischaemic brain injury: a single laboratory meta-analysis. <i>Scientific Reports</i> , <b>2020</b> , 10, 10833	4.9	14
32	Superoxide dismutase reduces monosodium glutamate-induced injury in an organotypic whole hemisphere brain slice model of excitotoxicity. <i>Journal of Biological Engineering</i> , <b>2020</b> , 14, 3	6.3	6
31	Active cooling temperature required to achieve therapeutic hypothermia correlates with short-term outcome in neonatal hypoxic-ischaemic encephalopathy. <i>Journal of Physiology</i> , <b>2020</b> , 598, 415-424	3.9	4
30	The Future of Shift Work: Circadian Biology Meets Personalised Medicine and Behavioural Science. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 116	6.2	7
29	Nanotherapeutic modulation of excitotoxicity and oxidative stress in acute brain injury.. <i>Nanobiomedicine</i> , <b>2020</b> , 7, 1849543520970819	4.8	3

28	A More Comprehensive Approach to the Neuroprotective Potential of Long-Chain Polyunsaturated Fatty Acids in Preterm Infants Is Needed-Should We Consider Maternal Diet and the n-6:n-3 Fatty Acid Ratio?. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 533	3.4	11
27	Disease-directed engineering for physiology-driven treatment interventions in neurological disorders. <i>APL Bioengineering</i> , <b>2019</b> , 3, 040901	6.6	8
26	PATHOLOGICAL EVALUATION OF NEONATAL FERRET MODELS OF INFLAMMATION-SENSITIZED HYPOXIA-ISCHEMIA. <i>FASEB Journal</i> , <b>2019</b> , 33, 662.11	0.9	
25	A Ferret Model of Inflammation-sensitized Late Preterm Hypoxic-ischemic Brain Injury. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,	1.6	6
24	Rectal temperature in the first five hours after hypoxia-ischemia critically affects neuropathological outcomes in neonatal rats. <i>Pediatric Research</i> , <b>2018</b> , 83, 536-544	3.2	18
23	Hypothermia Is Neuroprotective after Severe Hypoxic-Ischaemic Brain Injury in Neonatal Rats Pre-Exposed to PAM3CSK4. <i>Developmental Neuroscience</i> , <b>2018</b> , 40, 189-197	2.2	9
22	Curcumin-loaded polymeric nanoparticles for neuroprotection in neonatal rats with hypoxic-ischemic encephalopathy. <i>Nano Research</i> , <b>2018</b> , 11, 5670-5688	10	42
21	A Ferret Model of Encephalopathy of Prematurity. <i>Developmental Neuroscience</i> , <b>2018</b> , 40, 475-489	2.2	4
20	Exogenous Ketone Bodies as Promising Neuroprotective Agents for Developmental Brain Injury. <i>Developmental Neuroscience</i> , <b>2018</b> , 40, 451-462	2.2	16
19	Ontogeny of white matter, toll-like receptor expression, and motor skills in the neonatal ferret. <i>International Journal of Developmental Neuroscience</i> , <b>2018</b> , 70, 25-33	2.7	3
18	If the Metabolic Winter Is Coming, When Will It Be Summer?. <i>Metabolic Syndrome and Related Disorders</i> , <b>2017</b> , 15, 3	2.6	1
17	Cover Image, Volume 9, Issue 2. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2017</b> , 9, e1463	9.2	
16	Hypothermic Neuronal Rescue from Infection-Sensitized Hypoxic-Ischaemic Brain Injury Is Pathogen Dependent. <i>Developmental Neuroscience</i> , <b>2017</b> , 39, 238-247	2.2	33
15	Lost Metabolic Machinery During Ketosis? Depends Where You Are Looking. <i>Strength and Conditioning Journal</i> , <b>2017</b> , 39, 94-95	2	1
14	Systems-level thinking for nanoparticle-mediated therapeutic delivery to neurological diseases. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2017</b> , 9, e1422	9.2	19
13	The cardiovascular risk reduction benefits of a low-carbohydrate diet outweigh the potential increase in LDL-cholesterol. <i>British Journal of Nutrition</i> , <b>2016</b> , 115, 1126-8	3.6	9
12	Treatment temperature and insult severity influence the neuroprotective effects of therapeutic hypothermia. <i>Scientific Reports</i> , <b>2016</b> , 6, 23430	4.9	52
11	Xenon depresses aEEG background voltage activity whilst maintaining cardiovascular stability in sedated healthy newborn pigs. <i>Journal of the Neurological Sciences</i> , <b>2016</b> , 363, 140-4	3.2	5

10	Xenon Combined with Therapeutic Hypothermia Is Not Neuroprotective after Severe Hypoxia-Ischemia in Neonatal Rats. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156759	3.7	22
9	A low-carbohydrate survey: Evidence for sustainable metabolic syndrome reversal. <i>Journal of Insulin Resistance</i> , <b>2016</b> , 1,	1.3	2
8	Monitoring of cerebral blood flow during hypoxia-ischemia and resuscitation in the neonatal rat using laser speckle imaging. <i>Physiological Reports</i> , <b>2016</b> , 4, e12749	2.6	11
7	Hypothermia Does Not Reverse Cellular Responses Caused by Lipopolysaccharide in Neonatal Hypoxic-Ischaemic Brain Injury. <i>Developmental Neuroscience</i> , <b>2015</b> , 37, 390-7	2.2	36
6	Physiological responses to hypothermia. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2015</b> , 20, 87-96	3.7	49
5	The effect of resuscitation in 100% oxygen on brain injury in a newborn rat model of severe hypoxic-ischaemic encephalopathy. <i>Resuscitation</i> , <b>2015</b> , 96, 214-9	4	6
4	Cooling combined with immediate or delayed xenon inhalation provides equivalent long-term neuroprotection after neonatal hypoxia-ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2009</b> , 29, 707-14	7.3	129
3	An interpretable machine learning model of biological age. <i>F1000Research</i> , 8, 17	3.6	4
2	A ferret brain slice model of oxygen/glucose deprivation captures regional responses to perinatal injury and treatment associated with specific microglial phenotypes. <i>Bioengineering and Translational Medicine</i> , e10265	14.8	0
1	Using synthetic datasets to bridge the gap between the promise and reality of basing health-related decisions on common single nucleotide polymorphisms. <i>F1000Research</i> , 8, 2147	3.6	1