Rodney Hunt

List of Publications by Year
in descending order

108	7,304	70961	56606
papers	citations	41 h-index	83 g-index

109	109	109	6687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurodevelopmental outcome at 2 years of age after general anaesthesia and awake-regional anaesthesia in infancy (GAS): an international multicentre, randomised controlled trial. Lancet, The, 2016, 387, 239-250.	6.3	865
2	Neurodevelopmental outcome at 5 years of age after general anaesthesia or awake-regional anaesthesia in infancy (GAS): an international, multicentre, randomised, controlled equivalence trial. Lancet, The, 2019, 393, 664-677.	6.3	526
3	Adverse Neurodevelopment in Preterm Infants with Postnatal Sepsis or Necrotizing Enterocolitis is Mediated by White Matter Abnormalities on Magnetic Resonance Imaging at Term. Journal of Pediatrics, 2008, 153, 170-175.e1.	0.9	358
4	Apnea after Awake Regional and General Anesthesia in Infants. Anesthesiology, 2015, 123, 38-54.	1.3	243
5	New White Matter Brain Injury After Infant Heart Surgery Is Associated With Diagnostic Group and the Use of Circulatory Arrest. Circulation, 2013, 127, 971-979.	1.6	236
6	Adverse neurodevelopmental outcome of infants exposed to opiate in-utero. Early Human Development, 2008, 84, 29-35.	0.8	234
7	Low superior vena cava flow and neurodevelopment at 3 years in very preterm infants. Journal of Pediatrics, 2004, 145, 588-592.	0.9	221
8	A Systematic Review of Motor and Cognitive Outcomes After Early Surgery for Congenital Heart Disease. Pediatrics, 2010, 125, e818-e827.	1.0	210
9	Parenting Behavior Is Associated With the Early Neurobehavioral Development of Very Preterm Children. Pediatrics, 2009, 123, 555-561.	1.0	204
10	Early Emergence of Behavior and Social-Emotional Problems in Very Preterm Infants. Journal of the American Academy of Child and Adolescent Psychiatry, 2009, 48, 909-918.	0.3	203
11	Head Growth in Preterm Infants: Correlation With Magnetic Resonance Imaging and Neurodevelopmental Outcome. Pediatrics, 2008, 121, e1534-e1540.	1.0	196
12	Early Sensitivity Training for Parents of Preterm Infants: Impact on the Developing Brain. Pediatric Research, 2010, 67, 330-335.	1.1	190
13	I.V. acetaminophen pharmacokinetics in neonates after multiple doses. British Journal of Anaesthesia, 2008, 101, 523-530.	1.5	141
14	Prognostic Utility of Magnetic Resonance Imaging in Neonatal Hypoxic-Ischemic Encephalopathy. JAMA Pediatrics, 2012, 166, 634-40.	3.6	138
15	Neonatal white matter abnormality predicts childhood motor impairment in very preterm children. Developmental Medicine and Child Neurology, 2011, 53, 1000-1006.	1.1	130
16	Randomized trial of systemic hypothermia selectively protects the cortex on MRI in term hypoxic-ischemic encephalopathy. Journal of Pediatrics, 2004, 145, 835-837.	0.9	129
17	Pre-Operative Brain Injury in Newborn Infants With Transposition of the Great Arteries Occurs at Rates Similar to Other Complex Congenital Heart Disease and Is Not Related to Balloon Atrial Septostomy. Journal of the American College of Cardiology, 2009, 53, 1807-1811.	1.2	121
18	Neurobehavior at Term and White and Gray Matter Abnormalities in Very Preterm Infants. Journal of Pediatrics, 2009, 155, 32-38.e1.	0.9	117

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19	Quality of General Movements Is Related to White Matter Pathology in Very Preterm Infants. Pediatrics, 2008, 121, e1184-e1189.	1.0	114
20	Neonatal hypoglycemia and occipital cerebral injury. Journal of Pediatrics, 2006, 148, 552-555.	0.9	108
21	Preterm Hypoxicâ€“Ischemic Encephalopathy. Frontiers in Pediatrics, 2016, 4, 114.	0.9	108
22	Abnormal White Matter Signal on MR Imaging Is Related to Abnormal Tissue Microstructure. American Journal of Neuroradiology, 2009, 30, 623-628.	1.2	106
23	Associations of Newborn Brain Magnetic Resonance Imaging with Long-Term Neurodevelopmental Impairments in Very Preterm Children. Journal of Pediatrics, 2017, 187, 58-65.e1.	0.9	103
24	Apparent Diffusion Coefficient in the Posterior Limb of the Internal Capsule Predicts Outcome After Perinatal Asphyxia. Pediatrics, 2004, 114, 999-1003.	1.0	101
25	Neurologic Outcomes in Very Preterm Infants Undergoing Surgery. Journal of Pediatrics, 2012, 160, 409-414.	0.9	92
26	Caffeine and brain development in very preterm infants. Annals of Neurology, 2010, 68, 734-742.	2.8	84
27	A Novel Quantitative Simple Brain Metric Using MR Imaging for Preterm Infants. American Journal of Neuroradiology, 2009, 30, 125-131.	1.2	80
28	Differences in Blood Pressure in Infants After General Anesthesia Compared to Awake Regional Anesthesia (GAS Studyâ€”A Prospective Randomized Trial). Anesthesia and Analgesia, 2017, 125, 837-845.	1.1	78
29	Concise Review: Stem Cell Interventions for People With Cerebral Palsy: Systematic Review With Meta-Analysis. Stem Cells Translational Medicine, 2016, 5, 1014-1025.	1.6	75
30	Parenting behavior at 2Âyears predicts schoolâ€age performance at 7Âyears in very preterm children. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 814-821.	3.1	75
31	Brain Volumes at Term-Equivalent Age Are Associated with 2-Year Neurodevelopment in Moderate and Late Preterm Children. Journal of Pediatrics, 2016, 174, 91-97.e1.	0.9	70
32	Early communication in preterm infants following intervention in the NICU. Early Human Development, 2013, 89, 755-762.	0.8	65
33	Perioperative risk factors for impaired neurodevelopment after cardiac surgery in early infancy. Archives of Disease in Childhood, 2016, 101, 1010-1016.	1.0	64
34	Perioperative amplitude-integrated EEG and neurodevelopment in infants with congenital heart disease. Intensive Care Medicine, 2012, 38, 1539-1547.	3.9	59
35	Structural connectivity relates to perinatal factors and functional impairment at 7 years in children born very preterm. NeuroImage, 2016, 134, 328-337.	2.1	58
36	Biological and Environmental Factors as Predictors of Language Skills in Very Preterm Children at 5 Years of Age. Journal of Developmental and Behavioral Pediatrics, 2011, 32, 239-249.	0.6	55

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37	Neurodevelopmental and Perinatal Correlates of Simple Brain Metrics in Very Preterm Infants. JAMA Pediatrics, 2011, 165, 216-22.	3.6	55
38	Amplitude-Integrated Electroencephalography and Brain Injury in Infants Undergoing Norwood-Type Operations. Annals of Thoracic Surgery, 2012, 93, 170-176.	0.7	47
39	Patterns of cerebral injury in a series of infants with congenital diaphragmatic hernia utilizing magnetic resonance imaging. Journal of Pediatric Surgery, 2004, 39, 31-36.	0.8	46
40	Anesthesia and the developing brain: a way forward for clinical research. Paediatric Anaesthesia, 2015, 25, 447-452.	0.6	46
41	Development of Cystic Periventricular Leukomalacia in Newborn Infants after Rotavirus Infection. Journal of Pediatrics, 2012, 160, 165-168.e1.	0.9	43
42	Tracking regional brain growth up to age 13 in children born term and very preterm. Nature Communications, 2020, 11, 696.	5.8	40
43	Early surgery and neurodevelopmental outcomes of children born extremely preterm. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F227-F232.	1.4	39
44	Amplitude-Integrated Electroencephalography in Newborns with Inborn Errors of Metabolism. Neonatology, 2012, 102, 203-211.	0.9	36
45	Continuous Versus Intermittent Vancomycin Infusions in Infants: A Randomized Controlled Trial. Pediatrics, 2019, 143, e20182179.	1.0	36
46	Alterations in the optic radiations of very preterm childrenâ€"Perinatal predictors and relationships with visual outcomes. NeuroImage: Clinical, 2014, 4, 145-153.	1.4	35
47	Luteinizing Hormone and Follicle-Stimulating Hormone Levels in Extreme Prematurity: Development of Reference Intervals. Pediatrics, 2008, 121, e574-e580.	1.0	34
48	Neonatal brain abnormalities associated with autism spectrum disorder in children born very preterm. Autism Research, 2016, 9, 543-552.	2.1	34
49	Free Thyroxine Levels After Very Preterm Birth and Neurodevelopmental Outcomes at Age 7 Years. Pediatrics, 2014, 133, e955-e963.	1.0	33
50	Pre-eclampsia: a predisposing factor for neonatal venous sinus thrombosis?. Pediatric Neurology, 2001, 25, 242-246.	1.0	32
51	Perinatal and neonatal ischaemic stroke: A review. Thrombosis Research, 2006, 118, 39-48.	0.8	32
52	The influence of music on aEEG activity in neurologically healthy newborns â‰¥32â€ƒweeksâ€™ gestational age. Acta Paediatrica, International Journal of Paediatrics, 2011, 100, 670-675.	0.7	32
53	Emergent Prophylactic, Reparative and Restorative Brain Interventions for Infants Born Preterm With Cerebral Palsy. Frontiers in Physiology, 2019, 10, 15.	1.3	32
54	Hypoxic Ischemic Encephalopathyâ€"What Can We Learn from Humans?. Journal of Veterinary Internal Medicine, 2011, 25, 1231-1240.	0.6	31

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55	Cerebrospinal fluid drainage in posthaemorrhagic ventricular dilatation leads to improvement in amplitudeâ€integrated electroencephalographic activity. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 1002-1009.	0.7	30
56	Hormone Modeling in Preterm Neonates: Establishment of Pituitary and Steroid Hormone Reference Intervals. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1097-1103.	1.8	29
57	Factors Associated with Six-Month Outcome of Pediatric Stroke. International Journal of Stroke, 2015, 10, 1068-1073.	2.9	29
58	Magnetic Resonance Imaging in Neonatal Nonketotic Hyperglycinemia. Pediatric Neurology, 2005, 33, 50-52.	1.0	28
59	Trajectories of Motor Recovery in the First Year After Pediatric Arterial Ischemic Stroke. Pediatrics, 2017, 140, .	1.0	28
60	Monitoring the neonatal brain: A survey of current practice among Australian and New Zealand neonatologists. Journal of Paediatrics and Child Health, 2007, 43, 557-559.	0.4	27
61	Establishment of hormone reference intervals for infants born <30weeks' gestation. Clinical Biochemistry, 2014, 47, 101-108.	0.8	26
62	Cerebral white matter injury in the newborn following Escherichia coli meningitis. European Journal of Paediatric Neurology, 2005, 9, 13-17.	0.7	25
63	Peri-operative management of neonates with oesophageal atresia and tracheo-oesophageal fistula. Paediatric Respiratory Reviews, 2016, 19, 3-9.	1.2	25
64	Effect of Treatment of Clinical Seizures vs Electrographic Seizures in Full-Term and Near-Term Neonates. JAMA Network Open, 2021, 4, e2139604.	2.8	25
65	Single versus bihemispheric amplitude-integrated electroencephalography in relation to cerebral injury and outcome in the term encephalopathic infant. Journal of Paediatrics and Child Health, 2008, 44, 285-290.	0.4	23
66	Transient anomalies in genital appearance in some extremely preterm female infants may be the result of foetal programming causing a surge in LH and the over activation of the pituitaryâ€“gonadal axis. Clinical Endocrinology, 2008, 69, 763-768.	1.2	23
67	Social functioning following pediatric stroke: contribution of neurobehavioral impairment. Developmental Neuropsychology, 2018, 43, 312-328.	1.0	23
68	Immunisation practices in infants born prematurely: Neonatologists' survey and clinical audit. Journal of Paediatrics and Child Health, 2009, 45, 602-609.	0.4	21
69	Characterising the ambient sound environment for infants in intensive care wards. Journal of Paediatrics and Child Health, 2016, 52, 436-440.	0.4	21
70	Cognition and behaviour in children with congenital abdominal wall defects. Early Human Development, 2018, 116, 47-52.	0.8	19
71	Early predictors of psychosocial functioning 5 years after paediatric stroke. Developmental Medicine and Child Neurology, 2017, 59, 1034-1041.	1.1	18
72	Effects of Morphine and Midazolam on Sleep-Wake Cycling in Amplitude-Integrated Electroencephalography in Post-Surgical Neonates â‰¥32 Weeks of Gestational Age. Neonatology, 2012, 101, 293-300.	0.9	17

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73	Associations of Neonatal Noncardiac Surgery with Brain Structure and Neurodevelopment: A Prospective Case-Control Study. Journal of Pediatrics, 2019, 212, 93-101.e2.	0.9	17
74	Thirteen-Year Outcomes in Very Preterm Children Associated with Diffuse Excessive High Signal Intensity on Neonatal Magnetic Resonance Imaging. Journal of Pediatrics, 2019, 206, 66-71.e1.	0.9	17
75	The Pediatric Stroke Outcome Measure. Neurology, 2018, 90, e365-e372.	1.5	15
76	Outcome of vein of Galen malformation presenting in the neonatal period. Archives of Disease in Childhood, 2019, 104, 1064-1069.	1.0	14
77	The addition of tramadol to the standard of <scp>IV</scp> acetaminophen and morphine infusion for postoperative analgesia in neonates offers no clinical benefit: a randomized placeboâ€controlled trial. Paediatric Anaesthesia, 2014, 24, 1149-1157.	0.6	12
78	Cognitive resilience following paediatric stroke: Biological and environmental predictors. European Journal of Paediatric Neurology, 2020, 25, 52-58.	0.7	11
79	Is selective echocardiography in duodenal atresia the future standard of care?. Journal of Pediatric Surgery, 2017, 52, 1952-1955.	0.8	10
80	Improving preterm infants' immunisation status: A followâ€up audit. Journal of Paediatrics and Child Health, 2014, 50, 314-318.	0.4	8
81	Magnetic resonance demonstration in the newborn of generalized cerebral venous dilation with spontaneous resolution. European Journal of Paediatric Neurology, 2002, 6, 289-292.	0.7	7
82	What has happened with neural tube defects and womensâ€™ understanding of folate in Victoria since 1998?. Medical Journal of Australia, 2008, 189, 570-574.	0.8	7
83	Motor function daily living skills 5 years after paediatric arterial ischaemic stroke: a prospective longitudinal study. Developmental Medicine and Child Neurology, 2019, 61, 161-167.	1.1	7
84	Cognitive, academic, and behavioral functioning in school-aged children born with esophageal atresia. Journal of Pediatric Surgery, 2021, 56, 1737-1744.	0.8	7
85	Neonatal resuscitation. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2010, 24, 461-474.	1.7	6
86	Central Diabetes Insipidus in Association with Neonatal Brain Abscess. Journal of Pediatric Endocrinology and Metabolism, 2010, 23, 235-6.	0.4	6
87	Corticospinal tract integrity and motor function following neonatal stroke: a case study. BMC Neurology, 2012, 12, 53.	0.8	6
88	Rotavirus vaccine timeliness in special care nurseries. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2014, 99, F251.2-F252.	1.4	6
89	High Postnatal Growth Hormone Levels Are Related to Cognitive Deficits in a Group of Children Born Very Preterm. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2709-2717.	1.8	6
90	The cause-specific morbidity and mortality, and referral patterns of all neonates admitted to a tertiary referral hospital in the northern provinces of Vietnam over a one year period. PLoS ONE, 2017, 12, e0173407.	1.1	6

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91	Neonatal neuroimaging after repair of congenital diaphragmatic hernia and long-term neurodevelopmental outcome. World Journal of Pediatric Surgery, 2019, 2, e000037.	0.2	6
92	Brain White Matter Development Over the First 13 Years in Very Preterm and Typically Developing Children Based on the T ₁ -w/ T ₂ -w Ratio. Neurology, 2022, 98, .	1.5	6
93	181 Cooling for Newborns with Hypoxic Ischaemic Encephalopathy. Pediatric Research, 2005, 58, 385-385.	1.1	5
94	Protocol for a randomised controlled trial of continuous infusions of vancomycin to improve the attainment of target vancomycin levels in young infants: The VANC trial. BMJ Open, 2018, 8, e022603.	0.8	5
95	Defining Target Vancomycin Trough Concentrations for Treating Staphylococcus aureus Infection in Infants Aged 0 to 90 Days. JAMA Pediatrics, 2019, 173, 791.	3.3	5
96	Behavioural and cognitive outcomes following an early stress-reduction intervention for very preterm and extremely preterm infants. Pediatric Research, 2019, 86, 92-99.	1.1	5
97	Ex Vivo MRI Analytical Methods and Brain Pathology in Preterm Lambs Treated with Postnatal Dexamethasone â€. Brain Sciences, 2020, 10, 211.	1.1	5
98	Social Cognitive Dysfunction Following Pediatric Arterial Ischemic Stroke. Stroke, 2021, 52, 1609-1617.	1.0	4
99	Neonatal seizures: Have we got the treatment right?. Journal of Paediatrics and Child Health, 2005, 41, 311-312.	0.4	3
100	Selective approach to preoperative echocardiography in esophageal atresia. Pediatric Surgery International, 2021, 37, 503-509.	0.6	3
101	Fatigue Following Pediatric Arterial Ischemic Stroke. Stroke, 2021, 52, 3286-3295.	1.0	3
102	Identifying research priorities in newborn medicine: a Delphi study of parentsâ€™ views. BMJ Open, 2021, 11, e044836.	0.8	3
103	Evaluation of Preoperative Amplitude-Integrated Electroencephalography (aEEG) Monitoring for Predicting Long-Term Neurodevelopmental Outcome Among Infants Undergoing Major Surgery in the Neonatal Period. Journal of Child Neurology, 2016, 31, 1276-1281.	0.7	2
104	Amplitude-Integrated Electroencephalography Following Infant Cardiac Surgery: a Window to the Brain or a Crystal Ball?. Journal of Pediatrics, 2016, 178, 10-12.	0.9	2
105	Missing out on precious time: Extending paid parental leave for parents of babies admitted to neonatal intensive or special care units for prolonged periods. Journal of Paediatrics and Child Health, 2021, , .	0.4	1
106	Short-course intravenous antibiotics for young infants with urinary tract infection. Archives of Disease in Childhood, 2022, , archdischild-2021-323554.	1.0	1
107	Duct-dependent congenital heart disease in very preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 681.1-683.	1.4	0
108	Amplitude-integrated electroencephalography and MRI findings in a case of severe neonatal methicillin-resistant Staphylococcus aureus meningitis. BMJ Case Reports, 2010, 2010, bcr0220102729-bcr0220102729.	0.2	0