Rob J Forsyth

List of Publications by Year
in descending order

109 papers	3,603 citations	172457 29 h-index	149698 56 g-index
111 all docs	111 docs citations	111 times ranked	4106 citing authors

#	Article	IF	Citations
1	Glucose transporter-1 deficiency syndrome: the expanding clinical and genetic spectrum of a treatable disorder. Brain, 2010, 133, 655-670.	7.6	356
2	Disease Course and Treatment Responses in Children With Relapsing Myelin Oligodendrocyte Glycoprotein Antibodyâ€“Associated Disease. JAMA Neurology, 2018, 75, 478.	9.0	306
3	Participation of disabled children: how should it be characterised and measured?. Disability and Rehabilitation, 2006, 28, 1157-1164.	1.8	200
4	Epidemiology of traumatic brain injury in children receiving intensive care in the UK. Archives of Disease in Childhood, 2005, 90, 1182-1187.	1.9	153
5	Risk of Recurrent Arterial Ischemic Stroke in Childhood. Stroke, 2016, 47, 53-59.	2.0	138
6	Arteriopathy Diagnosis in Childhood Arterial Ischemic Stroke. Stroke, 2014, 45, 3597-3605.	2.0	130
7	Critical thresholds of intracranial pressure and cerebral perfusion pressure related to age in paediatric head injury. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 234-240.	1.9	120
8	Current topic: Incidence, aetiology, and outcome of non-traumatic coma: a population based study. Archives of Disease in Childhood, 2001, 84, 193-199.	1.9	119
9	A practical outcome scale for paediatric head injury. Archives of Disease in Childhood, 2001, 84, 120-124.	1.9	117
10	The mechanisms controlling physiologically stimulated changes in rat brain glucose and lactate: a microdialysis study.. Journal of Physiology, 1996, 496, 49-57.	2.9	115
11	Treatment of MOG-IgG-associated disorder with rituximab: An international study of 121 patients. Multiple Sclerosis and Related Disorders, 2020, 44, 102251.	2.0	110
12	Intracranial pressure complicating severe traumatic brain injury in children: monitoring and management. Intensive Care Medicine, 2006, 32, 1606-1612.	8.2	95
13	Participation of young severely disabled children is influenced by their intrinsic impairments and environment. Developmental Medicine and Child Neurology, 2007, 49, 345-349.	2.1	79
14	Stomatin-deficient cryohydrocytosis results from mutations in SLC2A1: a novel form of GLUT1 deficiency syndrome. Blood, 2011, 118, 5267-5277.	1.4	77
15	Participation in childhood. Child: Care, Health and Development, 2002, 28, 277-279.	1.7	71
16	A case of infant botulism with a possible link to infant formula milk powder: evidence for the presence of more than one strain of Clostridium botulinum in clinical specimens and food. Journal of Medical Microbiology, 2005, 54, 769-776.	1.8	71
17	A Role for Astrocytes in Glucose Delivery to Neurons?. Developmental Neuroscience, 1996, 18, 360-370.	2.0	61
18	Astrocytes and the delivery of glucose from plasma to neurons. Neurochemistry International, 1996, 28, 231-241.	3.8	57

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19	Treatment of primary angiitis of the central nervous system in childhood with mycophenolate mofetil. Rheumatology, 2010, 49, 806-811.	1.9	54
20	Movement disorder emergencies in childhood. European Journal of Paediatric Neurology, 2011, 15, 390-404.	1.6	53
21	Astrocytic glucose-6-phosphatase and the permeability of brain microsomes to glucose 6-phosphate. Biochemical Journal, 1993, 294, 145-151.	3.7	45
22	Cognitiveâ€“communication disorders in children with traumatic brain injury. Developmental Medicine and Child Neurology, 2015, 57, 217-222.	2.1	45
23	Severe head injury in children: emergency access to neurosurgery in the United Kingdom. Emergency Medicine Journal, 2006, 23, 519-522.	1.0	42
24	Predicting outcome after childhood brain injury: Figure 1:. Cmaj, 2012, 184, 1257-1264.	2.0	38
25	Routine intracranial pressure monitoring in acute coma. The Cochrane Library, 2016, 2016, CD002043.	2.8	38
26	Inflammatory Biomarkers in Childhood Arterial Ischemic Stroke. Stroke, 2016, 47, 2221-2228.	2.0	38
27	Seizure pathways change on circadian and slower timescales in individual patients with focal epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11048-11058.	7.1	36
28	Modelling early recovery patterns after paediatric traumatic brain injury. Archives of Disease in Childhood, 2010, 95, 266-70.	1.9	31
29	Back to the future: rehabilitation of children after brain injury. Archives of Disease in Childhood, 2010, 95, 554-559.	1.9	31
30	Glucose export from the brain in man: evidence for a role for astrocytic glycogen as a reservoir of glucose for neural metabolism. Brain Research, 1994, 635, 349-352.	2.2	30
31	Requirements for and current provision of rehabilitation services for children after severe acquired brain injury in the UK: a population-based study. Archives of Disease in Childhood, 2017, 102, 813-820.	1.9	29
32	Evidence-Based Decision Support for Neurological Diagnosis Reduces Errors and Unnecessary Workup. Journal of Child Neurology, 2014, 29, 487-492.	1.4	25
33	Short report: Friedreich's ataxia presenting after cardiac transplantation. Archives of Disease in Childhood, 2001, 84, 167-168.	1.9	24
34	Long-term outcomes of functional neurological disorder in children. Archives of Disease in Childhood, 2019, 104, 1155-1160.	1.9	24
35	The promotion of recovery through rehabilitation after acquired brain injury in children. Developmental Medicine and Child Neurology, 2015, 57, 16-22.	2.1	23
36	<scp>RARS</scp>2 mutations in a sibship with infantile spasms. Epilepsia, 2016, 57, e97-e102.	5.1	23

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37	Cognitive and adaptive outcomes and age at insult effects after non-traumatic coma. Archives of Disease in Childhood, 2001, 84, 200-204.	1.9	22
38	Imaging Predictors of Neurologic Outcome After Pediatric Arterial Ischemic Stroke. Stroke, 2021, 52, 152-161.	2.0	22
39	Routine intracranial pressure monitoring in acute coma. , 2010, , CD002043.		21
40	Gross Motor Function Measureâ€66 trajectories in children recovering after severe acquired brain injury. Developmental Medicine and Child Neurology, 2015, 57, 241-247.	2.1	21
41	Routine intracranial pressure monitoring in acute coma. , 2001, , CD002043.		20
42	Prediction of raised intracranial pressure complicating severe traumatic brain injury in children: Implications for trial design*. Pediatric Critical Care Medicine, 2008, 9, 8-14.	0.5	20
43	Computer modelling of connectivity change suggests epileptogenesis mechanisms in idiopathic generalised epilepsy. NeuroImage: Clinical, 2019, 21, 101655.	2.7	20
44	Early deviation from normal structural connectivity. Neurology, 2020, 94, e1021-e1026.	1.1	20
45	Modulating effect of apolipoprotein E polymorphisms on secondary brain insult and outcome after childhood brain trauma. Child's Nervous System, 2009, 25, 47-54.	1.1	19
46	Network reorganisation following anterior temporal lobe resection and relation with post-surgery seizure relapse: A longitudinal study. NeuroImage: Clinical, 2020, 27, 102320.	2.7	19
47	Establishing,versusMaintaining, Brain Function: A Neuro-computational Model of Cortical Reorganization after Injury to the Immature Brain. Journal of the International Neuropsychological Society, 2011, 17, 1030-1038.	1.8	17
48	Methaemoglobinaemia after ingestion of amyl nitrite.. Archives of Disease in Childhood, 1991, 66, 152-152.	1.9	16
49	Risk and causes of death in children with a seizure disorder. Developmental Medicine and Child Neurology, 2012, 54, 612-617.	2.1	16
50	Unbalanced Peptidergic Inhibition in Superficial Neocortex Underlies Spike and Wave Seizure Activity. Journal of Neuroscience, 2015, 35, 9302-9314.	3.6	16
51	Use of Disease-Modifying Therapies in Pediatric Relapsing-Remitting Multiple Sclerosis in the United Kingdom. Neurology: Neuroimmunology and NeuroInflammation, 2021, 8, .	6.0	16
52	Monoaminergic agonists for acute traumatic brain injury. The Cochrane Library, 2006, , CD003984.	2.8	15
53	Brown-Vialetto-Van Laere Syndrome as a Mimic of Neuroimmune Disorders: 3 Cases From the Clinic and Review of the Literature. Journal of Child Neurology, 2017, 32, 528-532.	1.4	15
54	Paediatric traumatic brain injury. Current Opinion in Pediatrics, 2019, 31, 769-774.	2.0	14

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55	A novel GLRA1 mutation in a recessive hyperekplexia pedigree. Movement Disorders, 2007, 22, 1643-1645.	3.9	12
56	Review: Efficient Rehabilitation Trial Designs Using Disease Progress Modeling: A Pediatric Traumatic Brain Injury Example. Neurorehabilitation and Neural Repair, 2010, 24, 225-234.	2.9	12
57	Health-related quality of life in children with inflammatory brain disease. Pediatric Rheumatology, 2018, 16, 73.	2.1	12
58	Investigating Brain Network Changes and Their Association With Cognitive Recovery After Traumatic Brain Injury: A Longitudinal Analysis. Frontiers in Neurology, 2020, 11, 369.	2.4	12
59	NEUROLOGICAL AND COGNITIVE DECLINE IN ADOLESCENCE. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 9i-16.	1.9	11
60	Dephosphorylation of 2-deoxyglucose 6-phosphate and 2-deoxyglucose export from cultured astrocytes. Neurochemistry International, 1996, 28, 243-250.	3.8	10
61	Paediatric Rehabilitation Ingredients Measure: a new tool for identifying paediatric neurorehabilitation content. Developmental Medicine and Child Neurology, 2018, 60, 299-305.	2.1	10
62	Using childâ€•and familyâ€•centred goal setting as an outcome measure in residential rehabilitation for children and youth with acquired brain injuries: The challenge of predicting expected levels of achievement. Child: Care, Health and Development, 2019, 45, 286-291.	1.7	10
63	Quantification of secondary CPP insult severity in paediatric head injured patients using a pressure-time index. Acta Neurochirurgica Supplementum, 2005, 95, 29-32.	1.0	10
64	D-Lactate associated encephalopathy in short bowel syndrome: management with long-term non-absorbable oral antimicrobials. Clinical Nutrition, 1991, 10, 352-355.	5.0	9
65	Tics, TikTok and COVID-19. Archives of Disease in Childhood, 2021, 106, 417-417.	1.9	9
66	Variation at local government level in the support for families of severely disabled children and the factors that affect it. Developmental Medicine and Child Neurology, 2010, 52, e259-66.	2.1	8
67	Influence of control variables on mannequin temperature in a paediatric operating theatre. Paediatric Anaesthesia, 2004, 14, 130-134.	1.1	7
68	Acute paediatric paraplegia: A case series review. European Journal of Paediatric Neurology, 2013, 17, 620-624.	1.6	7
69	Would you rather have your brain injury at five or twentyâ€•five?. Developmental Medicine and Child Neurology, 2014, 56, 297-297.	2.1	7
70	Making your point: principles of visual design for computer aided slide and poster production.. Archives of Disease in Childhood, 1995, 72, 80-84.	1.9	6
71	Describing outcome after acquired brain injury: ending the quest for the holy grail. Developmental Medicine and Child Neurology, 2008, 50, 405-405.	2.1	6
72	Oliverâ€“McFarlane syndrome (chorioretinopathyâ€“pituitary dysfunction) with prominent early pituitary dysfunction: differentiation from choroideremiaâ€“hypopituitarism. Clinical Dysmorphology, 2008, 17, 265-267.	0.3	6

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73	Efficient translational rehabilitation randomised controlled trial designs using disease progress modelling and trial simulation. Neuropsychological Rehabilitation, 2009, 19, 891-903.	1.6	6
74	The School Function Assessment: identifying levels of participation and demonstrating progress for pupils with acquired brain injuries in a residential rehabilitation setting. Child: Care, Health and Development, 2014, 40, 689-697.	1.7	6
75	Heterogeneity of trans-callosal structural connectivity and effects on resting state subnetwork integrity may underlie both wanted and unwanted effects of therapeutic corpus callostomy. NeuroImage: Clinical, 2016, 12, 341-347.	2.7	6
76	We have to talk about health-related quality of life. Archives of Disease in Childhood, 2018, 103, 913-914.	1.9	6
77	Rehabilitation after brain injury. Current Paediatrics, 2002, 12, 275-278.	0.2	5
78	More than a name change. Developmental Neurorehabilitation, 2007, 10, 1-2.	1.1	5
79	Utilization of mental health services by survivors of severe paediatric traumatic brain injury: a populationâ€based study. Child: Care, Health and Development, 2011, 37, 418-421.	1.7	5
80	The difference rehabilitation can make after acquired brain injury. Developmental Medicine and Child Neurology, 2021, , .	2.1	5
81	Rehabilitation after paediatric acquired brain injury: Longitudinal change in content and effect on recovery. Developmental Medicine and Child Neurology, 2022, 64, 1168-1175.	2.1	5
82	Early mobilisation and rehabilitation in the PICU: a UK survey. BMJ Paediatrics Open, 2022, 6, e001300.	1.4	5
83	The CHALICE rule: ready for prime time?. Archives of Disease in Childhood, 2006, 91, 877-878.	1.9	4
84	Paediatric brain injury â€“ getting there from here. Child: Care, Health and Development, 2010, 36, 1-2.	1.7	4
85	Autosomal dominant acute necrotising encephalopathy: AÂcase report with possible disease-expression modification by coincidental homocysteinuria. European Journal of Paediatric Neurology, 2011, 15, 174-176.	1.6	4
86	The price of failure: triage after apparently minor head injury. Archives of Disease in Childhood, 2013, 98, 925-926.	1.9	4
87	Structural connectivity in a paediatric case of anarchic hand syndrome. BMC Neurology, 2015, 15, 234.	1.8	4
88	5% Carbon Dioxide is safe but of limited efficacy as a treatment for paediatric non-convulsive status epilepticus: An open label observational study. European Journal of Paediatric Neurology, 2016, 20, 560-565.	1.6	4
89	Synaptic Scaling Improves the Stability of Neural Mass Models Capable of Simulating Brain Plasticity. Neural Computation, 2020, 32, 424-446.	2.2	4
90	Demonstration of functional rehabilitation treatment effects in children and young people after severe acquired brain injury. Developmental Neurorehabilitation, 2022, 25, 239-245.	1.1	4

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91	Voices from the pastFeuerstein, R., Rand, Y. and Hoffman, M.et al.: Cognitive modifiability in retarded adolescents: effects of Instrumental Enrichment.American Journal of Mental Deficiency83: 539â€“550, 1979.. Developmental Neurorehabilitation, 2004, 7, 17-19.	1.1	3
92	Organ donation in paediatric traumatic brain injury. Intensive Care Medicine, 2006, 32, 1458-1458.	8.2	3
93	Intrathecal baclofen pumps in the management of hypertonia in childhood: a UK and Ireland wide survey. Archives of Disease in Childhood, 2021, 106, 1202-1206.	1.9	3
94	Rasch Properties of the Cognitive and Linguistic Scale and Optimization for Outcome Trajectory Modeling in Pediatric Acquired Brain Injury. Archives of Physical Medicine and Rehabilitation, 2022, 103, 908-914.	0.9	2
95	Headache in Childhood. Pediatrics in Review, 1999, 20, 39-45.	0.4	2
96	Relapse and Movement Disorder After Herpes Simplex Encephalitis. Journal of Child Neurology, 1997, 12, 283-283.	1.4	1
97	â€˜Must try harder?â€™: A family empowerment intervention for acquired brain injury. Developmental Neurorehabilitation, 2005, 8, 140-143.	1.1	1
98	Urological Compartment Syndrome in Isolated Renal Trauma: Review and Recommendations. Current Urology, 2010, 4, 164-168.	0.6	1
99	High Level Alert! Modeling Temperature and Phenytoin. Critical Care Medicine, 2013, 41, 2454-2455.	0.9	1
100	The challenge of triaging apparently mild paediatric traumatic brain injury in the emergency room: We're not there yet. European Journal of Paediatric Neurology, 2017, 21, 799-800.	1.6	1
101	Neurotrauma and Critical Care of the Brain. Neuropediatrics, 2018, 49, 425-426.	0.6	1
102	Peripheral lactate and neuronal metabolism. Lancet, The, 1994, 343, 799-800.	13.7	0
103	Neurofibromatosis type 1 in childhood. European Journal of Paediatric Neurology, 1999, 3, 183-184.	1.6	0
104	Confessions of a medicine man: an essay in popular philosophy. European Journal of Paediatric Neurology, 1999, 3, 237-238.	1.6	0
105	Title is missing!. European Journal of Paediatric Neurology, 2004, 8, 334-335.	1.6	0
106	Paediatrics: genetic insights and long-term follow-up. Lancet Neurology, The, 2005, 4, 8.	10.2	0
107	â€œUnifying the definitions of sudden unexpected death in epilepsyâ€: A pediatric perspective. Epilepsia, 2012, 53, 1109-1110.	5.1	0
108	Defining the indefinable? Capturing the ingredients of rehabilitation. Developmental Medicine and Child Neurology, 2014, 56, 420-420.	2.1	0

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109	Singleâ€subject research designs in paediatric rehabilitation: response to Romeiserâ€Logan etÂal.. Developmental Medicine and Child Neurology, 2018, 60, 106-106.	2.1	0