Anthony A Figaji

List of Publications by Year
in descending order

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107 papers	5,958 citations	117625 34 h-index	79698 73 g-index
113 all docs	113 docs citations	113 times ranked	5527 citing authors

#	Article	IF	Citations
1	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	10.2	1,571
2	Consensus Summary Statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. Neurocritical Care, 2014, 21, 1-26.	2.4	339
3	Tuberculous meningitis. Nature Reviews Neurology, 2017, 13, 581-598.	10.1	337
4	A management algorithm for patients with intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). Intensive Care Medicine, 2019, 45, 1783-1794.	8.2	292
5	Consensus summary statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. Intensive Care Medicine, 2014, 40, 1189-1209.	8.2	258
6	A management algorithm for adult patients with both brain oxygen and intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC). Intensive Care Medicine, 2020, 46, 919-929.	8.2	207
7	Early decompressive craniotomy in children with severe traumatic brain injury. Child's Nervous System, 2003, 19, 666-673.	1.1	148
8	Consensus statement from the International Consensus Meeting on the Role of Decompressive Craniectomy in the Management of Traumatic Brain Injury. Acta Neurochirurgica, 2019, 161, 1261-1274.	1.7	143
9	Brain tissue oxygen tension monitoring in pediatric severe traumatic brain injury. Child's Nervous System, 2009, 25, 1325-1333.	1.1	124
10	Transcranial Doppler pulsatility index is not a reliable indicator of intracranial pressure in children with severe traumatic brain injury. World Neurosurgery, 2009, 72, 389-394.	1.3	115
11	Anatomical and Physiological Differences between Children and Adults Relevant to Traumatic Brain Injury and the Implications for Clinical Assessment and Care. Frontiers in Neurology, 2017, 8, 685.	2.4	108
12	The pathogenesis of tuberculous meningitis. Journal of Leukocyte Biology, 2019, 105, 267-280.	3.3	95
13	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: Evidentiary Tables. Neurocritical Care, 2014, 21, 297-361.	2.4	80
14	The neurocritical care of tuberculous meningitis. Lancet Neurology, The, 2019, 18, 771-783.	10.2	74
15	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: A List of Recommendations and Additional Conclusions. Neurocritical Care, 2014, 21, 282-296.	2.4	71
16	Endoscopic third ventriculostomy in tuberculous meningitis. Child's Nervous System, 2003, 19, 217-225.	1.1	70
17	Clinical applications of biomarkers in pediatric traumatic brain injury. Child's Nervous System, 2010, 26, 205-213.	1.1	70
18	Intracranial pressure monitoring for traumatic brain injury in the modern era. Child's Nervous System, 2010, 26, 441-452.	1.1	70

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19	Pressure autoregulation, intracranial pressure, and brain tissue oxygenation in children with severe traumatic brain injury. Journal of Neurosurgery: Pediatrics, 2009, 4, 420-428.	1.3	67
20	Biomarkers of Cerebral Injury and Inflammation in Pediatric Tuberculous Meningitis. Clinical Infectious Diseases, 2017, 65, 1298-1307.	5.8	67
21	The neurosurgical and acute care management of tuberculous meningitis: Evidence and current practice. Tuberculosis, 2010, 90, 393-400.	1.9	61
22	Standardized methods for enhanced quality and comparability of tuberculous meningitis studies. Clinical Infectious Diseases, 2017, 64, ciw757.	5.8	61
23	Brain tissue oxygen tension monitoring in pediatric severe traumatic brain injury. Child's Nervous System, 2009, 25, 1335-1343.	1.1	57
24	The Effect of Increased Inspired Fraction of Oxygen on Brain Tissue Oxygen Tension in Children with Severe Traumatic Brain Injury. Neurocritical Care, 2010, 12, 430-437.	2.4	56
25	DOES ADHERENCE TO TREATMENT TARGETS IN CHILDREN WITH SEVERE TRAUMATIC BRAIN INJURY AVOID BRAIN HYPOXIA? A BRAIN TISSUE OXYGENATION STUDY. Neurosurgery, 2008, 63, 83-92.	1.1	55
26	Tuberculous meningitis in children is characterized by compartmentalized immune responses and neural excitotoxicity. Nature Communications, 2019, 10, 3767.	12.8	52
27	Traumatic brain injury: global collaboration for a global challenge. Lancet Neurology, The, 2019, 18, 136-137.	10.2	48
28	Methods of monitoring brain oxygenation. Child's Nervous System, 2010, 26, 453-464.	1.1	46
29	The Relationship Between Intracranial Pressure and Brain Oxygenation in Children With Severe Traumatic Brain Injury. Neurosurgery, 2012, 70, 1220-1231.	1.1	46
30	Casemix, management, and mortality of patients receiving emergency neurosurgery for traumatic brain injury in the Global Neurotrauma Outcomes Study: a prospective observational cohort study. Lancet Neurology, The, 2022, 21, 438-449.	10.2	46
31	Clinical characteristics and neurodevelopmental outcomes of children with tuberculous meningitis and hydrocephalus. Developmental Medicine and Child Neurology, 2016, 58, 461-468.	2.1	44
32	Incidence of spinal abnormalities in patients with spastic diplegia 17 to 26Âyears after selective dorsal rhizotomy. Child's Nervous System, 2009, 25, 1593-1603.	1.1	43
33	The effect of blood transfusion on brain oxygenation in children with severe traumatic brain injury*. Pediatric Critical Care Medicine, 2009, 11, 1.	0.5	42
34	Intracranial pressure and cerebral oxygenation changes after decompressive craniectomy in children with severe traumatic brain injury. Acta Neurochirurgica Supplementum, 2008, 102, 77-80.	1.0	38
35	Challenges and opportunities for pediatric severe TBIâ€"review of the evidence and exploring a way forward. Child's Nervous System, 2017, 33, 1663-1667.	1.1	36
36	Endoscopy for tuberculous hydrocephalus. Child's Nervous System, 2006, 23, 79-84.	1.1	35

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37	The relationship between basal cisterns on CT and time-linked intracranial pressure in paediatric head injury. Child's Nervous System, 2011, 27, 1139-1144.	1.1	35
38	Air encephalography for hydrocephalus in the era of neuroendoscopy. Child's Nervous System, 2005, 21, 559-565.	1.1	34
39	Evaluation of Encapsulated Liver Cell Spheroids in a Fluidised-Bed Bioartificial Liver for Treatment of Ischaemic Acute Liver Failure in Pigs in a Translational Setting. PLoS ONE, 2013, 8, e82312.	2.5	33
40	Imaging Features of the Brain, Cerebral Vessels and Spine in Pediatric Tuberculous Meningitis With Associated Hydrocephalus. Pediatric Infectious Disease Journal, 2016, 35, e301-e310.	2.0	33
41	Brain Tissue Oxygenation in Children Diagnosed With Brain Death. Neurocritical Care, 2010, 12, 56-61.	2.4	29
42	Biomarkers of Brain Injury in Cerebral Infections. Clinical Chemistry, 2014, 60, 823-834.	3.2	27
43	Change in optic nerve sheath diameter as a radiological marker of outcome from endoscopic third ventriculostomy in children. Child's Nervous System, 2015, 31, 721-728.	1.1	27
44	Xpert MTB/RIF Ultra for the Diagnosis of Tuberculous Meningitis: A Small Step Forward. Clinical Infectious Diseases, 2020, 71, 2002-2005.	5.8	27
45	Demographic profile of severe traumatic brain injury admissions to Red Cross War Memorial Childrenâ€™s Hospital, 2006 - 2011. South African Medical Journal, 2013, 103, 616.	0.6	26
46	Intracranial pressure and cerebral oxygenation changes after decompressive craniectomy in a child with traumatic brain swelling. Child's Nervous System, 2007, 23, 1331-1335.	1.1	23
47	Decompressive Craniectomy. Journal of Neurosurgery, 2007, 106, 196-197.	1.6	22
48	SIOP PODC Adapted treatment guidelines for low grade gliomas in low and middle income settings. Pediatric Blood and Cancer, 2017, 64, e26737.	1.5	21
49	Low brain oxygenation and differences in neuropsychological outcomes following severe pediatric TBI. Child's Nervous System, 2015, 31, 2257-2268.	1.1	20
50	Continuous monitoring and intervention for cerebral ischemia in tuberculous meningitis. Pediatric Critical Care Medicine, 2008, 9, e25-e30.	0.5	19
51	Acute clinical grading in pediatric severe traumatic brain injury and its association with subsequent intracranial pressure, cerebral perfusion pressure, and brain oxygenation. Neurosurgical Focus, 2008, 25, E4.	2.3	17
52	Intracranial pressure management: moving beyond guidelines. Current Opinion in Critical Care, 2022, 28, 101-110.	3.2	17
53	Endoscopic Challenges and Applications in Tuberculous Meningitis. World Neurosurgery, 2013, 79, S24.e9-S24.e14.	1.3	16
54	Neuroendoscopy for post-infective hydrocephalus in children. Child's Nervous System, 2018, 34, 1905-1914.	1.1	16

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55	Management of intracranial tuberculous mass lesions: how long should we treat for?. Wellcome Open Research, 0, 4, 158.	1.8	16
56	Combining Brain Microdialysis and Translational Pharmacokinetic Modeling to Predict Drug Concentrations in Pediatric Severe Traumatic Brain Injury: The Next Step Toward Evidence-Based Pharmacotherapy?. Journal of Neurotrauma, 2019, 36, 111-117.	3.4	15
57	Neurosurgeonsâ€™ experiences of conducting and disseminating clinical research in low-income and middle-income countries: a reflexive thematic analysis. BMJ Open, 2021, 11, e051806.	1.9	15
58	Practical aspects of bedside cerebral hemodynamics monitoring in pediatric TBI. Child's Nervous System, 2010, 26, 431-439.	1.1	14
59	Emergency Neurological Life Support: Subarachnoid Hemorrhage. Neurocritical Care, 2015, 23, 103-109.	2.4	14
60	Management of Spasticity After Traumatic Brain Injury in Children. Frontiers in Neurology, 2020, 11, 126.	2.4	14
61	White Matter Disruption in Pediatric Traumatic Brain Injury. Neurology, 2021, 97, .	1.1	14
62	Advances in childhood tuberculosis â€“ contributions from the University of Cape Town. South African Medical Journal, 2012, 102, 518.	0.6	13
63	Knowledge gaps and research priorities in tuberculous meningitis. Wellcome Open Research, 2019, 4, 188.	1.8	13
64	Academic and Behavioral Outcomes in School-Age South African Children Following Severe Traumatic Brain Injury. Frontiers in Neuroanatomy, 2017, 11, 121.	1.7	12
65	Management of intracranial tuberculous mass lesions: how long should we treat for?. Wellcome Open Research, 2019, 4, 158.	1.8	12
66	The frequency of cerebral ischemia/hypoxia in pediatric severe traumatic brain injury. Child's Nervous System, 2012, 28, 1911-1918.	1.1	11
67	Spina bifida: A multidisciplinary perspective on a many-faceted condition. South African Medical Journal, 2014, 104, 213.	0.6	10
68	Checklists to guide the supportive and critical care of tuberculous meningitis. Wellcome Open Research, 0, 4, 163.	1.8	9
69	Challenges and opportunities for neuroimaging in young patients with traumatic brain injury: a coordinated effort towards advancing discovery from the ENIGMA pediatric moderate/severe TBI group. Brain Imaging and Behavior, 2021, 15, 555-575.	2.1	8
70	Targeted treatment in severe traumatic brain injury in the age of precision medicine. Child's Nervous System, 2017, 33, 1651-1661.	1.1	7
71	On progress in Africa, by African experts. Lancet Neurology, The, 2018, 17, 114.	10.2	7
72	Elevated Matrix Metalloproteinase Concentrations Offer Novel Insight Into Their Role in Pediatric Tuberculous Meningitis. Journal of the Pediatric Infectious Diseases Society, 2020, 9, 82-86.	1.3	6

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73	A pilot study of inflammatory mediators in brain extracellular fluid in paediatric TBM. PLoS ONE, 2021, 16, e0246997.	2.5	6
74	Neurotrauma cliniciansâ€™ perspectives on the contextual challenges associated with long-term follow-up following traumatic brain injury in low-income and middle-income countries: a qualitative study protocol. BMJ Open, 2021, 11, e041442.	1.9	6
75	Checklists to guide the supportive and critical care of tuberculous meningitis. Wellcome Open Research, 2019, 4, 163.	1.8	6
76	Does ICP monitoring in children with severe head injuries make a difference?. American Surgeon, 2009, 75, 441-2.	0.8	6
77	Rationale and Methods for Updated Guidelines for the Management of Penetrating Traumatic Brain Injury. Neurotrauma Reports, 2022, 3, 240-247.	1.4	6
78	What is next in African neuroscience?. ELife, 0, 11, .	6.0	6
79	Endoscopic Third Ventriculostomy in Post-Tubercular Meningitic Hydrocephalus. Minimally Invasive Neurosurgery, 2006, 49, 60-61.	0.9	5
80	Multimodality Monitoring Consensus Statement: Monitoring in Emerging Economies. Neurocritical Care, 2014, 21, 239-269.	2.4	5
81	Neuroschistosomiasis Due to Schistosoma haematobium Presenting as Spinal Cord Tumor. Pediatric Infectious Disease Journal, 2011, 30, 1006-1008.	2.0	4
82	Brain interstitial glycerol correlates with evolving brain injury in paediatric traumatic brain injury. Child's Nervous System, 2021, 37, 1713-1721.	1.1	4
83	Hydrocephalus in Low and Middle-Income Countries - Progress and Challenges. Neurology India, 2021, 69, 292.	0.4	4
84	Re: Intracranial pressure monitors in traumatic brain injury: a systematic review. Can J Neurol Sci.2012;39:571-576. Canadian Journal of Neurological Sciences, 2013, 40, 433-4.	0.5	4
85	Pediatric head injuryâ€”an opportunity to make a difference in the global burden of disease. Child's Nervous System, 2017, 33, 1649-1650.	1.1	3
86	Commentary: Guidelines for the Management of Pediatric Severe Traumatic Brain Injury, Third Edition: Update of the Brain Trauma Foundation Guidelines, Executive Summary. Neurosurgery, 2019, 85, E386-E387.	1.1	3
87	Addressing the Global Burden of Neurosurgical Disease Beyond the Operating Room: Comment on Recent Global Neurosurgery Article in Journal of Neurosurgery. World Neurosurgery, 2019, 122, 364-365.	1.3	3
88	Physiotherapy in children hospitalized with traumatic brain injury in a South African tertiary paediatric hospital. Physiotherapy Research International, 2020, 25, e1860.	1.5	3
89	Management of intracranial tuberculous mass lesions: how long should we treat for?. Wellcome Open Research, 0, 4, 158.	1.8	3
90	Biomarkers for paediatric traumatic brain injury. The Lancet Child and Adolescent Health, 2019, 3, 516-518.	5.6	2

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91	Re: Endoscopic third ventriculostomy for chronic hydrocephalus after tuberculous meningitis [Jonathan A, Rajshekhar V. Surg Neurol 63 (2005) 32-35]. World Neurosurgery, 2005, 64, 95.	1.3	1
92	Editorial: Why monitor the injured brain?. Child's Nervous System, 2010, 26, 199-200.	1.1	1
93	RE: Intracranial Pressure Monitors in Traumatic Brain Injury: A Systematic Review. Can J Neurol Sci. 2012;39: 571-576. Canadian Journal of Neurological Sciences, 2013, 40, 433-434.	0.5	1
94	Improving the quality of care for children with brain tumours in South Africa: A report from the 4th Paediatric Brain Tumour Workshop. SAJCH South African Journal of Child Health, 2014, 8, 44.	0.2	1
95	Letter to the Editor: Oxygen monitoring. Journal of Neurosurgery: Pediatrics, 2014, 13, 122-123.	1.3	1
96	Chiari 1 malformation management: the Red Cross War Memorial Hospital approach. Child's Nervous System, 2019, 35, 1881-1884.	1.1	1
97	Cerebrospinal fluid protein and shunt obstruction in tuberculous meningitis. International Journal of Tuberculosis and Lung Disease, 2019, 23, 765-765.	1.2	1
98	Complex Approaches for a Complex Organ. Neurocritical Care, 2021, 35, 1-2.	2.4	1
99	Hydrocephalus Surgery in Childhood Tuberculous Meningitis with Hydrocephalus. , 2017, , 419-428.		1
100	Physiological Responses of the Newborn, Infant, and Child to Neurosurgical Trauma. , 2020, , 133-151.		1
101	RE: Intracranial Pressure Monitors in Traumatic Brain Injury: A Systematic Review. Can J Neurol Sci. 2012;39: 571-576.. Canadian Journal of Neurological Sciences, 2013, 40, 433-434.	0.5	0
102	120â€ƒChange in Optic Nerve Sheath Parameters Are a Sensitive Radiological Marker of ETV Outcome in Children. Neurosurgery, 2014, 61, 198.	1.1	0
103	Reply to van Laarhoven et al. Clinical Infectious Diseases, 2018, 67, 643-644.	5.8	0
104	Sequential improvement in paediatric medulloblastoma outcomes in a low-and-middle-income country setting over three decades. South African Journal of Oncology, 0, 26, .	0.1	0
105	Intracranial Hypertension. , 2014, , 569-587.		0
106	Physiological Responses of the Newborn, Infant, and Child to Neurosurgical Trauma. , 2017, , 1-24.		0
107	Brain microdialysis and applications to drug therapy in severe traumatic brain injury. , 2022, , 231-242.		0