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	Intracranial pressure management: moving beyond guidelines. Current Opinion in Critical Care, 2022, 28, 101-110.	3.2	17
2	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
3	Brain microdialysis and applications to drug therapy in severe traumatic brain injury. , 2022, , 231-242.		0
4	Rationale and Methods for Updated Guidelines for the Management of Penetrating Traumatic Brain Injury. Neurotrauma Reports, 2022, 3, 240-247.	1.4	6
5	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
6	Brain interstitial glycerol correlates with evolving brain injury in paediatric traumatic brain injury. Child's Nervous System, 2021, 37, 1713-1721.	1.1	4
7	A pilot study of inflammatory mediators in brain extracellular fluid in paediatric TBM. PLoS ONE, 2021, 16, e0246997.	2.5	6
8	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
9	Complex Approaches for a Complex Organ. Neurocritical Care, 2021, 35, 1-2.	2.4	1
10	White Matter Disruption in Pediatric Traumatic Brain Injury. Neurology, 2021, 97, .	1.1	14
11	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
12	Hydrocephalus in Low and Middle-Income Countries - Progress and Challenges. Neurology India, 2021, 69, 292.	0.4	4
13	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
14	Physiotherapy in children hospitalized with traumatic brain injury in a South African tertiary paediatric hospital. Physiotherapy Research International, 2020, 25, e1860.	1.5	3
15	Xpert MTB/RIF Ultra for the Diagnosis of Tuberculous Meningitis: A Small Step Forward. Clinical Infectious Diseases, 2020, 71, 2002-2005.	5.8	27
16	Management of Spasticity After Traumatic Brain Injury in Children. Frontiers in Neurology, 2020, 11, 126.	2.4	14
17	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
18	Physiological Responses of the Newborn, Infant, and Child to Neurosurgical Trauma. , 2020, , 133-151.		1

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19	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
20	Tuberculous meningitis in children is characterized by compartmentalized immune responses and neural excitotoxicity. Nature Communications, 2019, 10, 3767.	12.8	52
21	Chiari 1 malformation management: the Red Cross War Memorial Hospital approach. Child's Nervous System, 2019, 35, 1881-1884.	1.1	1
22	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
23	Biomarkers for paediatric traumatic brain injury. The Lancet Child and Adolescent Health, 2019, 3, 516-518.	5.6	2
24	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
25	Cerebrospinal fluid protein and shunt obstruction in tuberculous meningitis. International Journal of Tuberculosis and Lung Disease, 2019, 23, 765-765.	1.2	1
26	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
27	Traumatic brain injury: global collaboration for a global challenge. Lancet Neurology, The, 2019, 18, 136-137.	10.2	48
28	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
29	The neurocritical care of tuberculous meningitis. Lancet Neurology, The, 2019, 18, 771-783.	10.2	74
30	The pathogenesis of tuberculous meningitis. Journal of Leukocyte Biology, 2019, 105, 267-280.	3.3	95
31	Management of intracranial tuberculous mass lesions: how long should we treat for?. Wellcome Open Research, 2019, 4, 158.	1.8	12
32	Knowledge gaps and research priorities in tuberculous meningitis. Wellcome Open Research, 2019, 4, 188.	1.8	13
33	Checklists to guide the supportive and critical care of tuberculous meningitis. Wellcome Open Research, 2019, 4, 163.	1.8	6
34	On progress in Africa, by African experts. Lancet Neurology, The, 2018, 17, 114.	10.2	7
35	Reply to van Laarhoven et al. Clinical Infectious Diseases, 2018, 67, 643-644.	5.8	0
36	Neuroendoscopy for post-infective hydrocephalus in children. Child's Nervous System, 2018, 34, 1905-1914.	1.1	16

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37	Standardized methods for enhanced quality and comparability of tuberculous meningitis studies. Clinical Infectious Diseases, 2017, 64, ciw757.	5.8	61
38	Biomarkers of Cerebral Injury and Inflammation in Pediatric Tuberculous Meningitis. Clinical Infectious Diseases, 2017, 65, 1298-1307.	5.8	67
39	Targeted treatment in severe traumatic brain injury in the age of precision medicine. Child's Nervous System, 2017, 33, 1651-1661.	1.1	7
40	Tuberculous meningitis. Nature Reviews Neurology, 2017, 13, 581-598.	10.1	337
41	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
42	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	10.2	1,571
43	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
44	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
45	Academic and Behavioral Outcomes in School-Age South African Children Following Severe Traumatic Brain Injury. Frontiers in Neuroanatomy, 2017, 11, 121.	1.7	12
46	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
47	Physiological Responses of the Newborn, Infant, and Child to Neurosurgical Trauma. , 2017, , 1-24.		0
48	Hydrocephalus Surgery in Childhood Tuberculous Meningitis with Hydrocephalus. , 2017, , 419-428.		1
49	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
50	Clinical characteristics and neurodevelopmental outcomes of children with tuberculous meningitis and hydrocephalus. Developmental Medicine and Child Neurology, 2016, 58, 461-468.	2.1	44
51	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
52	Emergency Neurological Life Support: Subarachnoid Hemorrhage. Neurocritical Care, 2015, 23, 103-109.	2.4	14
53	Low brain oxygenation and differences in neuropsychological outcomes following severe pediatric TBI. Child's Nervous System, 2015, 31, 2257-2268.	1.1	20
54	Spina bifida: A multidisciplinary perspective on a many-faceted condition. South African Medical Journal, 2014, 104, 213.	0.6	10

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55	The International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care: Evidentiary Tables. Neurocritical Care, 2014, 21, 297-361.	2.4	80
56	Multimodality Monitoring Consensus Statement: Monitoring in Emerging Economies. Neurocritical Care, 2014, 21, 239-269.	2.4	5
57	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
58	Letter to the Editor: Oxygen monitoring. Journal of Neurosurgery: Pediatrics, 2014, 13, 122-123.	1.3	1
59	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
60	Biomarkers of Brain Injury in Cerebral Infections. Clinical Chemistry, 2014, 60, 823-834.	3.2	27
61	Consensus Summary Statement of the International Multidisciplinary Consensus Conference on Multimodality Monitoring in Neurocritical Care. Neurocritical Care, 2014, 21, 1-26.	2.4	339
62	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
63	120â€ƒChange in Optic Nerve Sheath Parameters Are a Sensitive Radiological Marker of ETV Outcome in Children. Neurosurgery, 2014, 61, 198.	1.1	0
64	Intracranial Hypertension. , 2014, , 569-587.		0
65	Endoscopic Challenges and Applications in Tuberculous Meningitis. World Neurosurgery, 2013, 79, S24.e9-S24.e14.	1.3	16
66	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
67	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
68	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
69	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
70	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
71	The Relationship Between Intracranial Pressure and Brain Oxygenation in Children With Severe Traumatic Brain Injury. Neurosurgery, 2012, 70, 1220-1231.	1.1	46
72	The frequency of cerebral ischemia/hypoxia in pediatric severe traumatic brain injury. Child's Nervous System, 2012, 28, 1911-1918.	1.1	11

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73	Advances in childhood tuberculosis â€“ contributions from the University of Cape Town. South African Medical Journal, 2012, 102, 518.	0.6	13
74	Neuroschistosomiasis Due to Schistosoma haematobium Presenting as Spinal Cord Tumor. Pediatric Infectious Disease Journal, 2011, 30, 1006-1008.	2.0	4
75	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
76	Clinical applications of biomarkers in pediatric traumatic brain injury. Child's Nervous System, 2010, 26, 205-213.	1.1	70
77	Editorial: Why monitor the injured brain?. Child's Nervous System, 2010, 26, 199-200.	1.1	1
78	Methods of monitoring brain oxygenation. Child's Nervous System, 2010, 26, 453-464.	1.1	46
79	Intracranial pressure monitoring for traumatic brain injury in the modern era. Child's Nervous System, 2010, 26, 441-452.	1.1	70
80	Practical aspects of bedside cerebral hemodynamics monitoring in pediatric TBI. Child's Nervous System, 2010, 26, 431-439.	1.1	14
81	Brain Tissue Oxygenation in Children Diagnosed With Brain Death. Neurocritical Care, 2010, 12, 56-61.	2.4	29
82	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
83	The neurosurgical and acute care management of tuberculous meningitis: Evidence and current practice. Tuberculosis, 2010, 90, 393-400.	1.9	61
84	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
85	Brain tissue oxygen tension monitoring in pediatric severe traumatic brain injury. Child's Nervous System, 2009, 25, 1335-1343.	1.1	57
86	Brain tissue oxygen tension monitoring in pediatric severe traumatic brain injury. Child's Nervous System, 2009, 25, 1325-1333.	1.1	124
87	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
88	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
89	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
90	Does ICP monitoring in children with severe head injuries make a difference?. American Surgeon, 2009, 75, 441-2.	0.8	6

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91	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
92	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
93	Continuous monitoring and intervention for cerebral ischemia in tuberculous meningitis. Pediatric Critical Care Medicine, 2008, 9, e25-e30.	0.5	19
94	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
95	Decompressive Craniectomy. Journal of Neurosurgery, 2007, 106, 196-197.	1.6	22
96	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
97	Endoscopy for tuberculous hydrocephalus. Child's Nervous System, 2006, 23, 79-84.	1.1	35
98	Endoscopic Third Ventriculostomy in Post-Tubercular Meningitic Hydrocephalus. Minimally Invasive Neurosurgery, 2006, 49, 60-61.	0.9	5
99	Air encephalography for hydrocephalus in the era of neuroendoscopy. Child's Nervous System, 2005, 21, 559-565.	1.1	34
100	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
101	Endoscopic third ventriculostomy in tuberculous meningitis. Child's Nervous System, 2003, 19, 217-225.	1.1	70
102	Early decompressive craniotomy in children with severe traumatic brain injury. Child's Nervous System, 2003, 19, 666-673.	1.1	148
103	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
104	Management of intracranial tuberculous mass lesions: how long should we treat for?. Wellcome Open Research, 0, 4, 158.	1.8	3
105	Management of intracranial tuberculous mass lesions: how long should we treat for?. Wellcome Open Research, 0, 4, 158.	1.8	16
106	Checklists to guide the supportive and critical care of tuberculous meningitis. Wellcome Open Research, 0, 4, 163.	1.8	9
107	What is next in African neuroscience?. ELife, 0, 11, .	6.0	6