

# Brandon G Rocque

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5905086/publications.pdf>

Version: 2024-02-01

119  
papers

2,174  
citations

257101

24  
h-index

301761

39  
g-index

120  
all docs

120  
docs citations

120  
times ranked

2384  
citing authors

#	ARTICLE	IF	CITATIONS
1	International retrospective study of over 1000 adults with anaplastic oligodendroglial tumors. <i>Neuro-Oncology</i> , 2011, 13, 649-659.	0.6	138
2	Predictors of delayed recovery following pediatric sports-related concussion: a case-control study. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 491-496.	0.8	135
3	Virtual Interactive Presence in Global Surgical Education: International Collaboration Through Augmented Reality. <i>World Neurosurgery</i> , 2016, 86, 103-111.	0.7	123
4	Outcomes of cranioplasty following decompressive craniectomy in the pediatric population. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 120-125.	0.8	74
5	Assessing health-related quality of life in children with spina bifida. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 144-149.	0.8	74
6	Treatment practices for Chiari malformation Type I with syringomyelia: results of a survey of the American Society of Pediatric Neurosurgeons. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 8, 430-437.	0.8	72
7	Risk factors for unplanned readmission within 30 days after pediatric neurosurgery: a nationwide analysis of 9799 procedures from the American College of Surgeons National Surgical Quality Improvement Program. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 350-362.	0.8	52
8	Complications following pediatric cranioplasty after decompressive craniectomy: a multicenter retrospective study. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 225-232.	0.8	51
9	Pediatric endoscopic third ventriculostomy: a population-based study. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 455-464.	0.8	50
10	Initial treatment patterns over time for anaplastic oligodendroglial tumors. <i>Neuro-Oncology</i> , 2012, 14, 761-767.	0.6	48
11	Use of motor nerve material in peripheral nerve repair with conduits. <i>Microsurgery</i> , 2007, 27, 138-145.	0.6	41
12	Sleep-disordered breathing in patients with myelomeningocele. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 30-35.	0.8	40
13	Rate of shunt revision as a function of age in patients with shunted hydrocephalus due to myelomeningocele. <i>Neurosurgical Focus</i> , 2016, 41, E6.	1.0	38
14	Classification of Symptomatic and Asymptomatic Patients with and without Cognitive Decline Using Non-invasive Carotid Plaque Strain Indices as Biomarkers. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 909-918.	0.7	38
15	Bone morphogenetic protein-associated complications in pediatric spinal fusion in the early postoperative period: an analysis of 4658 patients and review of the literature. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 635-643.	0.8	37
16	Ventricular shunt tap as a predictor of proximal shunt malfunction in children: a prospective study. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 1, 439-443.	0.8	35
17	Cerebrospinal Fluid Flow Impedance is Elevated in Type I Chiari Malformation. <i>Journal of Biomechanical Engineering</i> , 2014, 136, 021012.	0.6	35
18	Endoscopic third ventriculostomy: A historical review. <i>British Journal of Neurosurgery</i> , 2017, 31, 28-32.	0.4	35

#	ARTICLE	IF	CITATIONS
19	Patients with "benign" Chiari I malformations require surgical decompression at a low rate. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 498-506.	0.8	33
20	Decompression for Chiari malformation type II in individuals with myelomeningocele in the National Spina Bifida Patient Registry. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 652-658.	0.8	29
21	Treated hydrocephalus in individuals with myelomeningocele in the National Spina Bifida Patient Registry. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 646-651.	0.8	29
22	Impaired cognitive function in patients with atherosclerotic carotid stenosis and correlation with ultrasound strain measurements. <i>Journal of the Neurological Sciences</i> , 2012, 322, 20-24.	0.3	28
23	Reliability assessment of the Biffi Scale for blunt traumatic cerebrovascular injury as detected on computer tomography angiography. <i>Journal of Neurosurgery</i> , 2017, 127, 32-35.	0.9	27
24	Reducing inequities in preventable neural tube defects: the critical and underutilized role of neurosurgical advocacy for folate fortification. <i>Neurosurgical Focus</i> , 2018, 45, E20.	1.0	27
25	Cognitive Deficits in Symptomatic and Asymptomatic Carotid Endarterectomy Surgical Candidates. <i>Archives of Clinical Neuropsychology</i> , 2016, 31, 1-7.	0.3	25
26	Risk factors for surgical site infection following nonshunt pediatric neurosurgery: a review of 9296 procedures from a national database and comparison with a single-center experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 407-420.	0.8	25
27	The development of a lifetime care model in comprehensive spina bifida care. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2018, 11, 323-334.	0.3	25
28	Feasibility of a Commercially Available Virtual Reality System to Achieve Exercise Guidelines in Youth With Spina Bifida: Mixed Methods Case Study. <i>JMIR Serious Games</i> , 2020, 8, e20667.	1.7	25
29	State of global pediatric neurosurgery outreach: survey by the International Education Subcommittee. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 204-210.	0.8	23
30	Surgical treatment of epilepsy in Vietnam: program development and international collaboration. <i>Neurosurgical Focus</i> , 2018, 45, E3.	1.0	22
31	Spontaneous acute subdural hematoma as an initial presentation of choriocarcinoma: A case report. <i>Journal of Medical Case Reports</i> , 2008, 2, 211.	0.4	21
32	Surgical Treatment of Chiari I Malformation. <i>Neurosurgery Clinics of North America</i> , 2015, 26, 527-531.	0.8	21
33	Genetic epidemiology of neural tube defects. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2017, 10, 189-194.	0.3	21
34	Comparison of hydrocephalus metrics between infants successfully treated with endoscopic third ventriculostomy with choroid plexus cauterization and those treated with a ventriculoperitoneal shunt: a multicenter matched-cohort analysis. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 339-345.	0.8	20
35	Venous thromboembolism following inpatient pediatric surgery: Analysis of 153,220 patients. <i>Journal of Pediatric Surgery</i> , 2019, 54, 631-639.	0.8	20
36	Development of an evidence-based individualized transition plan for spina bifida. <i>Neurosurgical Focus</i> , 2019, 47, E17.	1.0	20

#	ARTICLE	IF	CITATIONS
37	Hydrocephalus in Spina Bifida. <i>Neurology India</i> , 2021, 69, 367.	0.2	19
38	Anatomical variations and neurosurgical significance of Liliequistâ€™s membrane. <i>Child's Nervous System</i> , 2015, 31, 15-28.	0.6	18
39	Improved Correlation of Strain Indices with Cognitive Dysfunction with Inclusion of Adventitial Layer with Carotid Plaque. <i>Ultrasonic Imaging</i> , 2016, 38, 194-208.	1.4	18
40	Thoracolumbar Injury Classification and Severity Score in children: a reliability study. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 284-291.	0.8	18
41	Neurosurgery guidelines for the care of people with spina bifida. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2020, 13, 467-477.	0.3	18
42	Intraventricular vs Intrathecal Baclofen for Secondary Dystonia. <i>Operative Neurosurgery</i> , 2012, 70, ons321-ons326.	0.4	17
43	A comparison of the MOMS trial results to a contemporaneous, single-institution, postnatal closure cohort. <i>Child's Nervous System</i> , 2017, 33, 639-646.	0.6	17
44	Cerebellar tonsil ectopia measurement in type I Chiari malformation patients show poor inter-operator reliability. <i>Fluids and Barriers of the CNS</i> , 2018, 15, 33.	2.4	17
45	Care management and contemporary challenges in spina bifida: a practice preference survey of the American Society of Pediatric Neurosurgeons. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 539-548.	0.8	17
46	Coping strategies used by caregivers of children with newly diagnosed brain tumors. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 30-39.	0.8	17
47	Neurosurgical training and global health education: systematic review of challenges and benefits of in-country programs in the care of neural tube defects. <i>Neurosurgical Focus</i> , 2020, 48, E14.	1.0	17
48	Symptomatic Hyperprolactinemia From an Ectopic Pituitary Adenoma Located in the Clivus. <i>Endocrine Practice</i> , 2009, 15, 143-148.	1.1	16
49	Morbidity associated with 30-day surgical site infection following nonshunt pediatric neurosurgery. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 421-427.	0.8	16
50	Development of Common Data Elements for Use in Chiari Malformation Type I Clinical Research: An NIH/NINDS Project. <i>Neurosurgery</i> , 2019, 85, 854-860.	0.6	16
51	Outcomes of endoscopic third ventriculostomy in adults. <i>Journal of Clinical Neuroscience</i> , 2016, 31, 166-171.	0.8	15
52	Predictors of permanent disability among adults with spinal dysraphism. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 169-177.	0.9	15
53	Surveillance survey of family history in children with neural tube defects. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 690-695.	0.8	15
54	Radiographic markers of clinical outcomes after endoscopic third ventriculostomy with choroid plexus cauterization: cerebrospinal fluid turbulence and choroid plexus visualization. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 287-295.	0.8	14

#	ARTICLE	IF	CITATIONS
55	Incidental Findings on Brain MRI. <i>New England Journal of Medicine</i> , 2008, 358, 853-855.	13.9	13
56	Transition Readiness Assessment Questionnaire Spina Bifida (TRAQ-SB) specific module and its association with clinical outcomes among youth and young adults with spina bifida. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2019, 12, 405-413.	0.3	13
57	Distress and psychosocial risk in families with newly diagnosed pediatric brain tumors. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 40-47.	0.8	13
58	Manucher Javid, Urea, and the Rise of Osmotic Therapy for Intracranial Pressure. <i>Neurosurgery</i> , 2012, 70, 1049-1054.	0.6	12
59	Recursive partitioning analysis of prognostic variables in newly diagnosed anaplastic oligodendroglial tumors. <i>Neuro-Oncology</i> , 2014, 16, 1541-1546.	0.6	12
60	Letter to the Editor: Chiari malformation Type 1 and atlantoaxial instability: a letter from the Pediatric Craniocervical Society. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 820-823.	0.9	12
61	Age and factors associated with self-clean intermittent catheterization in patients with spina bifida. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2018, 11, 283-291.	0.3	12
62	Neuroendoscopy for Intraventricular Tumor Resection. <i>World Neurosurgery</i> , 2016, 90, 619-620.	0.7	11
63	Systematic review and meta-analysis of imaging characteristics in Chiari I malformation: does anything really matter?. <i>Child's Nervous System</i> , 2020, 36, 525-534.	0.6	11
64	The impact of imposed delay in elective pediatric neurosurgery: an informed hierarchy of need in the time of mass casualty crisis. <i>Child's Nervous System</i> , 2020, 36, 1347-1355.	0.6	11
65	Outcomes in children undergoing posterior fossa decompression and duraplasty with and without tonsillar reduction for Chiari malformation type I and syringomyelia: a pilot prospective multicenter cohort study. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 21-29.	0.8	10
66	The reliability and validity of a newly developed spina bifida-specific Transition Readiness Assessment Questionnaire: Transition Readiness Assessment Questionnaire-supplement (TRAQ-SB). <i>Journal of Pediatric Rehabilitation Medicine</i> , 2019, 12, 415-422.	0.3	9
67	Neurosurgical procedures for children with myelomeningocele after fetal or postnatal surgery: a comparative effectiveness study. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1294-1301.	1.1	9
68	Tumour Vaccine Approaches for CNS Malignancies. <i>Drugs</i> , 2009, 69, 241-249.	4.9	8
69	Functional outcomes at 2 years of age following treatment for posthemorrhagic hydrocephalus of prematurity: what do we know at the time of consult?. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 453-461.	0.8	8
70	Health care transition in pediatric neurosurgery: a consensus statement from the American Society of Pediatric Neurosurgeons. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 555-563.	0.8	8
71	Pediatric central nervous system solitary fibrous tumor: case report. <i>Child's Nervous System</i> , 2015, 31, 2379-2381.	0.6	7
72	Program Evaluation of Camp V.I.P: Promoting Self-confidence and Independence for Patients with Spina Bifida. <i>Journal of Pediatric Nursing</i> , 2019, 47, 30-35.	0.7	7

#	ARTICLE	IF	CITATIONS
73	Shunt failure clusters: an analysis of multiple, frequent shunt failures. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 287-293.	0.8	7
74	Caring for the Child with Spina Bifida. <i>Pediatric Clinics of North America</i> , 2021, 68, 915-927.	0.9	7
75	Prevalence of Sleep Disordered Breathing in Children With Myelomeningocele. <i>Neurosurgery</i> , 2021, 88, 785-790.	0.6	7
76	Predictors of endoscopic third ventriculostomy ostomy status in patients who experience failure of endoscopic third ventriculostomy with choroid plexus cauterization. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 41-46.	0.8	7
77	A case for international neurosurgical experience: US resident experiences with pediatric spinal dysraphism cases. <i>Neurological Research</i> , 2014, 36, 903-905.	0.6	6
78	A model for global surgical training and capacity development: the Children's of Alabama-Viet Nam pediatric neurosurgery partnership. <i>Child's Nervous System</i> , 2021, 37, 627-636.	0.6	6
79	Ulnar Nerve Deficit After Catfish Sting. <i>Southern Medical Journal</i> , 2005, 98, 750-751.	0.3	6
80	Corpus callosotomy for treatment of drug-resistant epilepsy: a review of 16 pediatric cases in northern Vietnam. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 582-587.	0.8	6
81	The Hydrocephalus Clinical Research Network quality improvement initiative: the role of antibiotic-impregnated catheters and vancomycin wound irrigation. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 711-718.	0.8	6
82	Treatment of pediatric high-grade central nervous system tumors with high-dose methotrexate in combination with multiagent chemotherapy: A single institution experience. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28119.	0.8	5
83	Infraclavicular Fossa as an Alternate Site for Placement of Intrathecal Infusion Pumps. <i>Neurosurgery</i> , 2010, 66, E402-E403.	0.6	4
84	Letter to the Editor: Error in the eye of the beholder: crew resource management in neurosurgery. <i>Journal of Neurosurgery</i> , 2016, 125, 1616-1617.	0.9	4
85	Two-stage surgical resection of an atypical teratoid rhabdoid tumor occupying the infratentorial and supratentorial compartment in children under two years: Report of two cases. <i>International Journal of Surgery Case Reports</i> , 2016, 20, 49-52.	0.2	4
86	Training Neurosurgeons in Myanmar and Surrounding Countries: The Resident Perspective. <i>World Neurosurgery</i> , 2020, 139, 75-82.	0.7	4
87	Post-Traumatic Stress Symptoms in Caregivers and Children with Hydrocephalus. <i>World Neurosurgery</i> , 2021, 148, e66-e73.	0.7	4
88	An analysis of the conformers of 1,5-hexadiene. <i>Molecular Physics</i> , 2002, 100, 441-446.	0.8	3
89	Surgeon interrater reliability in the endoscopic assessment of cistern scarring and aqueduct patency. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 320-324.	0.8	3
90	Cerebrospinal fluid alterations following endoscopic third ventriculostomy with choroid plexus cauterization: a retrospective laboratory analysis of two tertiary care centers. <i>Child's Nervous System</i> , 2020, 36, 1017-1024.	0.6	3

#	ARTICLE	IF	CITATIONS
91	Imaging characteristics associated with surgery in Chiari malformation type I. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 620-628.	0.8	3
92	Risk factors for unchanged ventricles during pediatric shunt malfunction. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 703-709.	0.8	3
93	Pediatric herniated lumbar disc: a population-based risk factor analysis. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 311-318.	0.8	3
94	The University of Wisconsin Department of Neurological Surgery. <i>Neurosurgery</i> , 2010, 67, 424-430.	0.6	2
95	Journal Club. <i>Neurosurgery</i> , 2012, 71, E514-E517.	0.6	2
96	Skin breakdown of the feet in patients with spina bifida: Analysis of risk factors. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2018, 11, 237-241.	0.3	2
97	Hydrocephalus-related quality of life as assessed by children and their caregivers. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 353-363.	0.8	2
98	Anxiety, depression, fatigue, and headache burden in the pediatric hydrocephalus population. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 483-489.	0.8	2
99	Benign Chiari I Malformation. , 2020, , 381-385.		2
100	Care for Chiari malformation type I: the role of socioeconomic disadvantage and race. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 305-311.	0.8	2
101	A qualitative interview study on successful pregnancies in women with spina bifida. <i>Journal of Pediatric Urology</i> , 2022, 18, 3.e1-3.e7.	0.6	2
102	Scope of care in the first four years of life for individuals born with myelomeningocele: A single institution experience <sup>1</sup> . <i>Journal of Pediatric Rehabilitation Medicine</i> , 2021, 14, 667-673.	0.3	2
103	Psychological comorbidities in pediatric neurosurgery: an opportunity to improve care. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 358-359.	0.8	2
104	Caregiverâ€“provider communication after resection of pediatric brain tumors. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 295-301.	0.8	2
105	Determination of anatomic level of myelomeningocele by prenatal ultrasound. <i>Child's Nervous System</i> , 2022, 38, 985-990.	0.6	2
106	Team Approach: The Management of Adolescents and Adults with Scoliosis and Spina Bifida. <i>JBJS Reviews</i> , 2022, 10, .	0.8	2
107	Dorsal Rhizotomy for Spasticity. , 2015, , 383-391.		1
108	Letter: Detailed Analysis of Hydrocephalus and Hindbrain Herniation After Prenatal and Postnatal Myelomeningocele Closure: Report From a Single Institution. <i>Neurosurgery</i> , 2020, 87, E727.	0.6	1

#	ARTICLE	IF	CITATIONS
109	Incidental Pituitary Cysts in Children: Does Growth Hormone Treatment Affect Cyst Size?. Endocrine Practice, 2021, 27, 1128-1132.	1.1	1
110	Letter to the Editor. Fetal closure of myelomeningocele. Journal of Neurosurgery: Pediatrics, 2020, 25, 327-329.	0.8	1
111	Response to Weltman and Fleury Malheiros, re Lassman et al.. Neuro-Oncology, 2012, 14, 677-678.	0.6	0
112	Relation of Cerebrospinal Fluid Flow Impedance and Cerebellar Herniation in Type I Chiari Malformation. , 2013, , .		0
113	Modification of the BioMedicus centrifugal pump to provide continuous irrigation for neuroendoscopy: technical note. Journal of Neurosurgery: Pediatrics, 2018, 21, 171-177.	0.8	0
114	Midbrain Gliomas. , 2010, , 419-425.		0
115	Impedance to Cerebrospinal Fluid Flow in the Cervical Spinal Canal is Dominated by Geometric Complexity. , 2011, , .		0
116	Dermoid of the posterior fossa in Chiari II malformation: The first reported case. Journal of Pediatric Neurosciences, 2017, 12, 40.	0.2	0
117	Syringomyelia and the Chiari Malformations. , 2020, , 197-204.		0
118	Assessment of craniocervical motion in Down syndrome: a pilot study of two measurement techniques. Journal of Neurosurgery: Pediatrics, 2020, 25, 1-7.	0.8	0
119	Caregiver-provider communication after resection of pediatric brain tumors. Journal of Neurosurgery: Pediatrics, 2020, , 1-7.	0.8	0