

# Samuel R Browd

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11644867/publications.pdf>

Version: 2024-02-01

68  
papers

2,794  
citations

159585

30  
h-index

182427

51  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2405  
citing authors

#	ARTICLE	IF	CITATIONS
1	The pediatric "Spine at Risk" program: 9-year review of a novel safety screening tool. Spine Deformity, 2022, 10, 327-334.	1.5	1
2	Impact of ventricle size on neuropsychological outcomes in treated pediatric hydrocephalus: an HCRN prospective cohort study. Journal of Neurosurgery: Pediatrics, 2022, 29, 245-256.	1.3	6
3	Anterior versus posterior entry site for ventriculoperitoneal shunt insertion: a randomized controlled trial by the Hydrocephalus Clinical Research Network. Journal of Neurosurgery: Pediatrics, 2022, 29, 257-267.	1.3	4
4	The Hydrocephalus Clinical Research Network quality improvement initiative: the role of antibiotic-impregnated catheters and vancomycin wound irrigation. Journal of Neurosurgery: Pediatrics, 2022, 29, 711-718.	1.3	6
5	Hydrocephalus surveillance following CSF diversion: a modified Delphi study. Journal of Neurosurgery: Pediatrics, 2022, 30, 177-187.	1.3	0
6	Issues of consent and assent in pediatric neurosurgery. Child's Nervous System, 2021, 37, 33-37.	1.1	5
7	Predictors of fast and ultrafast shunt failure in pediatric hydrocephalus: a Hydrocephalus Clinical Research Network study. Journal of Neurosurgery: Pediatrics, 2021, 27, 277-286.	1.3	8
8	Repeat Pediatric Trisomy 21 Radiographic Exam: Does Atlantoaxial Instability Develop Over Time?. Journal of Pediatric Orthopaedics, 2021, 41, e646-e650.	1.2	5
9	Development of best practices in the utilization and implementation of pediatric cervical spine traction: a modified Delphi study. Journal of Neurosurgery: Pediatrics, 2021, 27, 649-660.	1.3	6
10	Multimodality Imaging Evaluation of Fetal Spine Anomalies with Postnatal Correlation. Radiographics, 2021, 41, 2176-2192.	3.3	6
11	The role of intra-operative neuroelectrophysiological monitoring in single-level approach selective dorsal rhizotomy. Child's Nervous System, 2020, 36, 1925-1933.	1.1	10
12	Children with DIPG and high-grade glioma treated with temozolomide, irinotecan, and bevacizumab: the Seattle Children's Hospital experience. Journal of Neuro-Oncology, 2020, 148, 607-617.	2.9	21
13	Temporal trends in surgical procedures for pediatric hydrocephalus: an analysis of the Hydrocephalus Clinical Research Network Core Data Project. Journal of Neurosurgery: Pediatrics, 2020, , 1-8.	1.3	4
14	Progress in diffuse intrinsic pontine glioma: advocating for stereotactic biopsy in the standard of care. Neurosurgical Focus, 2020, 48, E4.	2.3	43
15	A Protocol for the Generation of Treatment-naïve Biopsyderived Diffuse Intrinsic Pontine Glioma and Diffuse Midline Glioma Models. , 2020, 1, 158-167.		3
16	Medicolegal issues in abusive head trauma for the pediatric neurosurgeon. Neurosurgical Focus, 2020, 49, E23.	2.3	3
17	Patient and Treatment Characteristics by Infecting Organism in Cerebrospinal Fluid Shunt Infection. Journal of the Pediatric Infectious Diseases Society, 2019, 8, 235-243.	1.3	12
18	Reinfection rates following adherence to Infectious Diseases Society of America guideline recommendations in first cerebrospinal fluid shunt infection treatment. Journal of Neurosurgery: Pediatrics, 2019, 23, 577-585.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Subdural hemorrhage rebleeding in abused children: frequency, associations and clinical presentation. <i>Pediatric Radiology</i> , 2019, 49, 1762-1772.	2.0	12
20	Technical Advances in the Treatment of Hydrocephalus: Current and Future State. , 2019, , 363-380.		2
21	Predictors of success for combined endoscopic third ventriculostomy and choroid plexus cauterization in a North American setting: a Hydrocephalus Clinical Research Network study. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 128-138.	1.3	38
22	Advocacy in pediatric neurosurgery: results from a 2017 survey of the American Society of Pediatric Neurosurgeons. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 338-342.	1.3	2
23	Reinfection after treatment of first cerebrospinal fluid shunt infection: a prospective observational cohort study. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 346-358.	1.3	16
24	Machine Learning and the Prediction of Hydrocephalus. <i>JAMA Pediatrics</i> , 2018, 172, 116.	6.2	4
25	Post-Traumatic Hydrocephalus in Children: A Retrospective Study in 42 Pediatric Hospitals Using the Pediatric Health Information System. <i>Neurosurgery</i> , 2018, 83, 732-739.	1.1	21
26	Reduced cell attachment to poly(2-hydroxyethyl methacrylate)-coated ventricular catheters <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1268-1279.	3.4	33
27	Endoscopic third ventriculostomy and choroid plexus cauterization in infant hydrocephalus: a prospective study by the Hydrocephalus Clinical Research Network. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 214-223.	1.3	66
28	Corticospinal tract atrophy and motor fMRI predict motor preservation after functional cerebral hemispherectomy. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 21, 81-89.	1.3	16
29	Surgical Considerations of the Pituitary. , 2018, , 439-448.		1
30	Development of best practices to minimize wound complications after complex tethered spinal cord surgery: a modified Delphi study. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 701-709.	1.3	8
31	Hydrocephalus in Children. , 2018, , 133-147.e3.		1
32	Prevalence of Abnormal Magnetic Resonance Imaging Findings in Children with Persistent Symptoms after Pediatric Sports-Related Concussion. <i>Journal of Neurotrauma</i> , 2017, 34, 2706-2712.	3.4	33
33	Cerebrospinal Fluid Shunting Complications in Children. <i>Pediatric Neurosurgery</i> , 2017, 52, 381-400.	0.7	153
34	Ventricular catheter entry site and not catheter tip location predicts shunt survival: a secondary analysis of 3 large pediatric hydrocephalus studies. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 157-167.	1.3	39
35	Variability in Management of First Cerebrospinal Fluid Shunt Infection: A Prospective Multi-Institutional Observational Cohort Study. <i>Journal of Pediatrics</i> , 2016, 179, 185-191.e2.	1.8	21
36	Longitudinal cerebellar diffusion tensor imaging changes in posterior fossa syndrome. <i>NeuroImage: Clinical</i> , 2016, 12, 582-590.	2.7	31

#	ARTICLE	IF	CITATIONS
37	Toward a better understanding of the cellular basis for cerebrospinal fluid shunt obstruction: report on the construction of a bank of explanted hydrocephalus devices. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 213-223.	1.3	25
38	Endoscopic third ventriculostomy in children: prospective, multicenter results from the Hydrocephalus Clinical Research Network. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 423-429.	1.3	100
39	A physical framework for implementing virtual models of intracranial pressure and cerebrospinal fluid dynamics in hydrocephalus shunt testing. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 296-305.	1.3	3
40	Risk factors for shunt malfunction in pediatric hydrocephalus: a multicenter prospective cohort study. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 382-390.	1.3	188
41	A new Hydrocephalus Clinical Research Network protocol to reduce cerebrospinal fluid shunt infection. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 391-396.	1.3	105
42	Two Hundred Thirty-Six Children With Developmental Hydrocephalus: Causes and Clinical Consequences. <i>Journal of Child Neurology</i> , 2016, 31, 309-320.	1.4	30
43	An algorithmic approach to the management of unrecognized hydrocephalus in pediatric candidates for intrathecal baclofen pump implantation. , 2016, 7, 105.		2
44	Ultrasound stylet for non-image-guided ventricular catheterization. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 393-401.	1.3	8
45	Initial clinical presentation of children with acute and chronic versus acute subdural hemorrhage resulting from abusive head trauma. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 177-185.	1.3	20
46	An update on research priorities in hydrocephalus: overview of the third National Institutes of Health-sponsored symposium "Opportunities for Hydrocephalus Research: Pathways to Better Outcomes" <i>Journal of Neurosurgery</i> , 2015, 123, 1427-1438.	1.6	87
47	Evaluation of Microbial Bacterial and Fungal Diversity in Cerebrospinal Fluid Shunt Infection. <i>PLoS ONE</i> , 2014, 9, e83229.	2.5	21
48	Endoscopic third ventriculostomy and choroid plexus cauterization in infants with hydrocephalus: a retrospective Hydrocephalus Clinical Research Network study. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 224-229.	1.3	129
49	Risk Factors for First Cerebrospinal Fluid Shunt Infection: Findings from a Multi-Center Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2014, 164, 1462-1468.e2.	1.8	105
50	Diffusion tensor imaging of the superior cerebellar peduncle identifies patients with posterior fossa syndrome. <i>Child's Nervous System</i> , 2013, 29, 2071-2077.	1.1	65
51	Low-dose head computed tomography in children: a single institutional experience in pediatric radiation risk reduction. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 406-410.	1.3	47
52	Outcomes of CSF shunting in children: comparison of Hydrocephalus Clinical Research Network cohort with historical controls. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 334-338.	1.3	132
53	New and improved ways to treat hydrocephalus: Pursuit of a smart shunt. , 2013, 4, 38.		60
54	Image-guided cerebrospinal fluid shunting in children: catheter accuracy and shunt survival. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 10, 112-117.	1.3	49

#	ARTICLE	IF	CITATIONS
55	Center effect and other factors influencing temporization and shunting of cerebrospinal fluid in preterm infants with intraventricular hemorrhage. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 473-481.	1.3	41
56	Use of the ETV Success Score to explain the variation in reported endoscopic third ventriculostomy success rates among published case series of childhood hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 7, 143-146.	1.3	97
57	Craniopagus Twins. , 2011, , 1928-1935.		2
58	Functional magnetic resonance imaging for presurgical evaluation of very young pediatric patients with epilepsy. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 5, 500-506.	1.3	46
59	The posterior petrosal approach: technique and applications in pediatric neurosurgery. <i>Journal of Neurosurgery: Pediatrics</i> , 2009, 4, 353-362.	1.3	36
60	Craniopagus twins. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 1, 1-20.	1.3	32
61	Failed age-dependent maturation of the occipital condyle in patients with congenital occipitoatlantal instability and Down syndrome: a preliminary analysis. <i>Journal of Neurosurgery: Pediatrics</i> , 2008, 2, 359-364.	1.3	20
62	Failure of Cerebrospinal Fluid Shunts: Part I: Obstruction and Mechanical Failure. <i>Pediatric Neurology</i> , 2006, 34, 83-92.	2.1	246
63	Failure of Cerebrospinal Fluid Shunts: Part II: Overdrainage, Loculation, and Abdominal Complications. <i>Pediatric Neurology</i> , 2006, 34, 171-176.	2.1	148
64	N-myc Can Substitute for Insulin-Like Growth Factor Signaling in a Mouse Model of Sonic Hedgehog-Induced Medulloblastoma. <i>Cancer Research</i> , 2006, 66, 2666-2672.	0.9	84
65	Surgical shunt infection: significant reduction when using intraventricular and systemic antibiotic agents. <i>Journal of Neurosurgery</i> , 2006, 105, 242-247.	1.6	94
66	Craniopagus twins: embryology, classification, surgical anatomy, and separation. <i>Child's Nervous System</i> , 2004, 20, 554-66.	1.1	33
67	Semantic monitoring of words with emotional connotation during fMRI: Contribution of anterior left frontal cortex. <i>Journal of the International Neuropsychological Society</i> , 2002, 8, 607-622.	1.8	43
68	Left-hemisphere processing of emotional connotation during word generation. <i>NeuroReport</i> , 1999, 10, 2449-2455.	1.2	54