J Gordon Mccomb

List of Publications by Year
in descending order

47 papers	1,846 citations	430874 18 h-index	315739 38 g-index
48 all docs	48 docs citations	48 times ranked	1775 citing authors

#	Article	IF	Citations
1	Recent research into the nature of cerebrospinal fluid formation and absorption. Journal of Neurosurgery, 1983, 59, 369-383.	1.6	297
2	Visualization of Cerebrospinal Fluid Movement with Spin Labeling at MR Imaging: Preliminary Results in Normal and Pathophysiologic Conditions. Radiology, 2008, 249, 644-652.	7.3	163
3	Isoformâ€Specific Effects of Apolipoproteins E2, E3, and E4 on Cerebral Capillary Sequestration and Bloodâ€Brain Barrier Transport of Circulating Alzheimer's Amyloid Î². Journal of Neurochemistry, 1997, 69, 1995-2004.	3.9	138
4	Spinal arachnoid cysts in the pediatric age group: an association with neural tube defects. Journal of Neurosurgery, 1992, 77, 369-372.	1.6	137
5	Toward a Simpler Surgical Management of Chiari I Malformation in a Pediatric Population. Pediatric Neurosurgery, 1999, 30, 113-121.	0.7	127
6	Cerebrospinal fluid overproduction and hydrocephalus associated with choroid plexus papilloma. Journal of Neurosurgery, 1974, 40, 381-385.	1.6	121
7	EFFECT OF THE ANGIOGENESIS INHIBITOR CILENGITIDE (EMD 121974) ON GLIOBLASTOMA GROWTH IN NUDE MICE. Neurosurgery, 2006, 59, 1304-1312.	1.1	115
8	Correction of Large (>25 cm2) Cranial Defects with â€œReinforcedâ€•Hydroxyapatite Cement: Technique and Complications. Neurosurgery, 2003, 52, 842-845.	1.1	113
9	Cerebrospinal fluid drainage as influenced by ventricular pressure in the rabbit. Journal of Neurosurgery, 1982, 56, 790-797.	1.6	70
10	Spinal arachnoid cysts in the pediatric population: report of 31 cases and a review of the literature. Journal of Neurosurgery: Pediatrics, 2012, 9, 432-441.	1.3	69
11	Scoliosis and Chiari malformation Type I in children. Journal of Neurosurgery: Pediatrics, 2011, 7, 25-29.	1.3	58
12	A practical clinical classification of spinal neural tube defects. Child's Nervous System, 2015, 31, 1641-1657.	1.1	58
13	Ultrastructure of the orbital pathway for cerebrospinal fluid drainage in rabbits. Journal of Neurosurgery, 1989, 70, 926-931.	1.6	54
14	Choroid Plexus Tumors in Children: Significance of Stromal Invasion. Neurosurgery, 2001, 48, 303-309.	1.1	50
15	Differentiation between cortical atrophy and hydrocephalus using ¹H MRS. Magnetic Resonance in Medicine, 1997, 37, 395-403.	3.0	30
16	Surveillance Imaging in Children with Primitive Neuroectodermal Tumors. Neurosurgery, 1996, 38, 692-695.	1.1	27
17	A Method of Cranioplasty Using Coralline Hydroxyapatite. Pediatric Neurosurgery, 1998, 29, 324-327.	0.7	22
18	Factors associated with syrinx size in pediatric patients treated for Chiari malformation type I and syringomyelia: a study from the Park-Reeves Syringomyelia Research Consortium. Journal of Neurosurgery: Pediatrics, 2020, 25, 629-639.	1.3	20

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19	Automatically measuring brain ventricular volume within PACS using artificial intelligence. PLoS ONE, 2018, 13, e0193152.	2.5	19
20	Dural augmentation approaches and complication rates after posterior fossa decompression for Chiari I malformation and syringomyelia: a Park-Reeves Syringomyelia Research Consortium study. Journal of Neurosurgery: Pediatrics, 2021, 27, 459-468.	1.3	19
21	Occipital-Cervical Fusion and Ventral Decompression in the Surgical Management of Chiari-1 Malformation and Syringomyelia: Analysis of Data From the Park-Reeves Syringomyelia Research Consortium. Neurosurgery, 2021, 88, 332-341.	1.1	18
22	A method to accurately inject tumor cells into the caudate/putamen nuclei of the mouse brain. Tokai Journal of Experimental and Clinical Medicine, 2004, 29, 167-73.	0.4	14
23	Use of a Spin-Labeled Cerebrospinal Fluid Magnetic Resonance Imaging Technique to Demonstrate Successful Endoscopic Fenestration of an Enlarging Symptomatic Cavum Septi Pellucidi. World Neurosurgery, 2013, 80, 436.e15-436.e18.	1.3	10
24	Cross-Sectional Analysis on Racial and Economic Disparities Affecting Mortality in Preterm Infants with Posthemorrhagic Hydrocephalus. World Neurosurgery, 2016, 88, 399-410.	1.3	10
25	Complications and outcomes of posterior fossa decompression with duraplasty versus without duraplasty for pediatric patients with Chiari malformation type I and syringomyelia: a study from the Park-Reeves Syringomyelia Research Consortium. Journal of Neurosurgery: Pediatrics, 2022, 30, 39-51.	1.3	10
26	The effect of NACHRI childrenâ€™s hospital designation on outcome in pediatric malignant brain tumors. Journal of Neurosurgery: Pediatrics, 2017, 20, 149-157.	1.3	9
27	Radiological and clinical predictors of scoliosis in patients with Chiari malformation type I and spinal cord syrinx from the Park-Reeves Syringomyelia Research Consortium. Journal of Neurosurgery: Pediatrics, 2019, 24, 520-527.	1.3	9
28	Attempted separation of blood-brain and blood-cerebrospinal fluid barriers in the rabbit. Experimental Eye Research, 1977, 25, 333-343.	2.6	8
29	Integration of a Variable Action Suction Adapter into Ultrasonic Aspirators. Neurosurgery, 1999, 45, 893-895.	1.1	8
30	Extradural decompression versus duraplasty in Chiari malformation type I with syrinx: outcomes on scoliosis from the Park-Reeves Syringomyelia Research Consortium. Journal of Neurosurgery: Pediatrics, 2021, , 1-9.	1.3	8
31	Risk Factors for Preoperative Developmental Delay in Patients with Nonsyndromic Sagittal Craniosynostosis. Plastic and Reconstructive Surgery, 2019, 143, 133e-139e.	1.4	7
32	A new MRI tag-based method to non-invasively visualize cerebrospinal fluid flow. Child's Nervous System, 2018, 34, 1677-1682.	1.1	5
33	Ventriculopleural shunts in a pediatric population: a review of 170 consecutive patients. Journal of Neurosurgery: Pediatrics, 2021, 28, 450-457.	1.3	5
34	What is the risk of venous infarction to intra-operative sacrifice of either the superficial or deep cerebral bridging veins?. Child's Nervous System, 2014, 30, 811-813.	1.1	4
35	Extending PACS functionality: towards facilitating the conversion of clinical necessities into research-derived applications. , 2017, 10160, .		4
36	Usefulness of postoperative ventriculography and intracranial pressure monitoring following endoscopic third ventriculostomy. Child's Nervous System, 2021, 37, 1151-1158.	1.1	4

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37	Socioeconomic and demographic factors in the diagnosis and treatment of Chiari malformation type I and syringomyelia. Journal of Neurosurgery: Pediatrics, 2022, 29, 288-297.	1.3	3
38	Measuring Maximum Head Circumference Within the Picture Archiving and Communication System: A Fully Automatic Approach. Frontiers in Pediatrics, 2021, 9, 608122.	1.9	2
39	A portable multi-sensor module for monitoring external ventricular drains. Biomedical Microdevices, 2021, 23, 45.	2.8	1
40	Enlarging Subependymal Cyst. Neurosurgery, 1995, 36, 851-853.	1.1	0
41	Progressive myelopathy due to meningeal thickening in shunted patients: description of a novel entity and the role of surgery. Child's Nervous System, 2007, 23, 851-851.	1.1	0
42	Neurosurgical care of pediatric brain tumor patients in a rehabilitation unit. Journal of Pediatric Rehabilitation Medicine, 2014, 7, 323-331.	0.5	0
43	J. Gordon McComb, MD. Child's Nervous System, 2015, 31, 1639-1640.	1.1	0
44	Pediatric Spinal Arachnoid Cysts. , 2018, , 239-251.		0
45	Commentary: Converting Pediatric Patients and Young Adults From a Shunt to a Third Ventriculostomy: A Multicenter Evaluation. Neurosurgery, 2020, 87, E106-E107.	1.1	0
46	Heads-up Intraoperative Endoscopic Imaging<subtitle>A Prospective Evaluation of Techniques and Limitations</subtitle>. Neurosurgery, 1997, , .	1.1	0
47	Reliability of the radiopharmaceutical shunt flow study for the detection of a CSF shunt malfunction in the presence of stable ventricular size. Journal of Neurosurgery: Pediatrics, 2020, 26, 364-370.	1.3	0