

J Gordon Mccomb

List of Publications by Year in descending order

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47
papers

1,846
citations

430874

18
h-index

315739

38
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48
all docs

48
docs citations

48
times ranked

1775
citing authors

#	ARTICLE	IF	CITATIONS
1	Socioeconomic and demographic factors in the diagnosis and treatment of Chiari malformation type I and syringomyelia. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 288-297.	1.3	3
2	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. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 39-51.	1.3	10
3	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. <i>Neurosurgery</i> , 2021, 88, 332-341.	1.1	18
4	Usefulness of postoperative ventriculography and intracranial pressure monitoring following endoscopic third ventriculostomy. <i>Child's Nervous System</i> , 2021, 37, 1151-1158.	1.1	4
5	Dural augmentation approaches and complication rates after posterior fossa decompression for Chiari I malformation and syringomyelia: a Park-Reeves Syringomyelia Research Consortium study. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 459-468.	1.3	19
6	Measuring Maximum Head Circumference Within the Picture Archiving and Communication System: A Fully Automatic Approach. <i>Frontiers in Pediatrics</i> , 2021, 9, 608122.	1.9	2
7	Extradural decompression versus duraplasty in Chiari malformation type I with syrinx: outcomes on scoliosis from the Park-Reeves Syringomyelia Research Consortium. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, , 1-9.	1.3	8
8	A portable multi-sensor module for monitoring external ventricular drains. <i>Biomedical Microdevices</i> , 2021, 23, 45.	2.8	1
9	Ventriculopleural shunts in a pediatric population: a review of 170 consecutive patients. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 450-457.	1.3	5
10	Commentary: Converting Pediatric Patients and Young Adults From a Shunt to a Third Ventriculostomy: A Multicenter Evaluation. <i>Neurosurgery</i> , 2020, 87, E106-E107.	1.1	0
11	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. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 629-639.	1.3	20
12	Reliability of the radiopharmaceutical shunt flow study for the detection of a CSF shunt malfunction in the presence of stable ventricular size. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 364-370.	1.3	0
13	Risk Factors for Preoperative Developmental Delay in Patients with Nonsyndromic Sagittal Craniosynostosis. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 133e-139e.	1.4	7
14	Radiological and clinical predictors of scoliosis in patients with Chiari malformation type I and spinal cord syrinx from the Park-Reeves Syringomyelia Research Consortium. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 520-527.	1.3	9
15	Pediatric Spinal Arachnoid Cysts. , 2018, , 239-251.		0
16	A new MRI tag-based method to non-invasively visualize cerebrospinal fluid flow. <i>Child's Nervous System</i> , 2018, 34, 1677-1682.	1.1	5
17	Automatically measuring brain ventricular volume within PACS using artificial intelligence. <i>PLoS ONE</i> , 2018, 13, e0193152.	2.5	19
18	The effect of NACHRI children's hospital designation on outcome in pediatric malignant brain tumors. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 149-157.	1.3	9

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19	Extending PACS functionality: towards facilitating the conversion of clinical necessities into research-derived applications. , 2017, 10160, .		4
20	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
21	J. Gordon McComb, MD. Child's Nervous System, 2015, 31, 1639-1640.	1.1	0
22	A practical clinical classification of spinal neural tube defects. Child's Nervous System, 2015, 31, 1641-1657.	1.1	58
23	Neurosurgical care of pediatric brain tumor patients in a rehabilitation unit. Journal of Pediatric Rehabilitation Medicine, 2014, 7, 323-331.	0.5	0
24	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
25	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
26	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
27	Scoliosis and Chiari malformation Type I in children. Journal of Neurosurgery: Pediatrics, 2011, 7, 25-29.	1.3	58
28	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
29	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
30	EFFECT OF THE ANGIOGENESIS INHIBITOR CILENGITIDE (EMD 121974) ON GLIOBLASTOMA GROWTH IN NUDE MICE. Neurosurgery, 2006, 59, 1304-1312.	1.1	115
31	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
32	Correction of Large (>25 cm ²) Cranial Defects with "Reinforced" Hydroxyapatite Cement: Technique and Complications. Neurosurgery, 2003, 52, 842-845.	1.1	113
33	Choroid Plexus Tumors in Children: Significance of Stromal Invasion. Neurosurgery, 2001, 48, 303-309.	1.1	50
34	Integration of a Variable Action Suction Adapter into Ultrasonic Aspirators. Neurosurgery, 1999, 45, 893-895.	1.1	8
35	Toward a Simpler Surgical Management of Chiari I Malformation in a Pediatric Population. Pediatric Neurosurgery, 1999, 30, 113-121.	0.7	127
36	A Method of Cranioplasty Using Coralline Hydroxyapatite. Pediatric Neurosurgery, 1998, 29, 324-327.	0.7	22

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37	Differentiation between cortical atrophy and hydrocephalus using ¹ H MRS. Magnetic Resonance in Medicine, 1997, 37, 395-403.	3.0	30
38	Isoform-specific Effects of Apolipoproteins E2, E3, and E4 on Cerebral Capillary Sequestration and Blood-Brain Barrier Transport of Circulating Alzheimer's Amyloid β . Journal of Neurochemistry, 1997, 69, 1995-2004.	3.9	138
39	Heads-up Intraoperative Endoscopic Imaging <subtitle>A Prospective Evaluation of Techniques and Limitations</subtitle>. Neurosurgery, 1997, , .	1.1	0
40	Surveillance Imaging in Children with Primitive Neuroectodermal Tumors. Neurosurgery, 1996, 38, 692-695.	1.1	27
41	Enlarging Subependymal Cyst. Neurosurgery, 1995, 36, 851-853.	1.1	0
42	Spinal arachnoid cysts in the pediatric age group: an association with neural tube defects. Journal of Neurosurgery, 1992, 77, 369-372.	1.6	137
43	Ultrastructure of the orbital pathway for cerebrospinal fluid drainage in rabbits. Journal of Neurosurgery, 1989, 70, 926-931.	1.6	54
44	Recent research into the nature of cerebrospinal fluid formation and absorption. Journal of Neurosurgery, 1983, 59, 369-383.	1.6	297
45	Cerebrospinal fluid drainage as influenced by ventricular pressure in the rabbit. Journal of Neurosurgery, 1982, 56, 790-797.	1.6	70
46	Attempted separation of blood-brain and blood-cerebrospinal fluid barriers in the rabbit. Experimental Eye Research, 1977, 25, 333-343.	2.6	8
47	Cerebrospinal fluid overproduction and hydrocephalus associated with choroid plexus papilloma. Journal of Neurosurgery, 1974, 40, 381-385.	1.6	121