John A Jane Jr

List of Publications by Year in descending order

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148	8,561	38660	46693
papers	citations	h-index	g-index
153	153	153	5337
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Decompressive Bifrontal Craniectomy in the Treatment of Severe Refractory Posttraumatic Cerebral Edema. Neurosurgery, 1997, 41, 84-94.	0.6	456
2	The Supraorbital Approach: Technical Note. Neurosurgery, 1982, 11, 537-542.	0.6	369
3	Neurobehavioral outcome 1 year after severe head injury. Journal of Neurosurgery, 1990, 73, 699-709.	0.9	275
4	Endoscopic Transsphenoidal Surgery for Acromegaly: Remission Using Modern Criteria, Complications, and Predictors of Outcome. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 2732-2740.	1.8	266
5	Severe Head Injury in Children. Neurosurgery, 1992, 31, 435-444.	0.6	243
6	The long-term prognosis in untreated cerebral aneurysms: I. The incidence of late hemorrhage in cerebral aneurysm: A 10-year evaluation of 364 patients. Annals of Neurology, 1977, 1, 358-370.	2.8	237
7	Stereotactic radiosurgery for pituitary adenomas: an intermediate review of its safety, efficacy, and role in the neurosurgical treatment armamentarium. Journal of Neurosurgery, 2005, 102, 678-691.	0.9	237
8	Predictors of diabetes insipidus after transsphenoidal surgery: a review of 881 patients. Journal of Neurosurgery, 2005, 103, 448-454.	0.9	227
9	Endoscopic vs Microsurgical Transsphenoidal Surgery for Acromegaly: Outcomes in a Concurrent Series of Patients Using Modern Criteria For Remission. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3190-3198.	1.8	211
10	A brief history of endoscopic transsphenoidal surgeryâ€"from Philipp Bozzini to the First World Congress of Endoscopic Skull Base Surgery. Neurosurgical Focus, 2005, 19, 1-6.	1.0	164
11	The surgical management of pituitary adenomas in a series of 3,093 patients1 1No competing interests declared Journal of the American College of Surgeons, 2001, 193, 650-659.	0.2	161
12	Immediate correction of sagittal synostosis. Journal of Neurosurgery, 1978, 49, 705-710.	0.9	160
13	Surgical Management of Craniopharyngiomas in Children: Meta-analysis and Comparison of Transcranial and Transsphenoidal Approaches. Neurosurgery, 2011, 69, 630-643.	0.6	159
14	History of endoscopic skull base surgery: its evolution and current reality. Journal of Neurosurgery, 2007, 107, 206-213.	0.9	154
15	Esthesioneuroblastoma. JAMA Otolaryngology, 2006, 132, 134.	1.5	153
16	Impact of the Accreditation Council for Graduate Medical Education work-hour regulations on neurosurgical resident education and productivity. Journal of Neurosurgery, 2009, 110, 820-827.	0.9	152
17	Cranial vault growth in craniosynostosis. Journal of Neurosurgery, 1989, 70, 159-165.	0.9	141
18	CLINICAL RELEVANCE OF PRECIPITATING FACTORS IN PITUITARY APOPLEXY. Neurosurgery, 2007, 61, 956-962.	0.6	139

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19	Temozolomide Treatment for Aggressive Pituitary Tumors: Correlation of Clinical Outcome with O ⁶ -Methylguanine Methyltransferase (MGMT) Promoter Methylation and Expression. Journal of Clinical Endocrinology and Metabolism, 2010, 95, E280-E290.	1.8	139
20	Long-term Results of Endonasal Endoscopic Transsphenoidal Resection of Nonfunctioning Pituitary Macroadenomas. Neurosurgery, 2015, 76, 42-53.	0.6	130
21	Extended transsphenoidal approach. Journal of Neurosurgery, 2005, 102, 825-828.	0.9	124
22	Perspectives on endoscopic transsphenoidal surgery. Neurosurgical Focus, 2005, 19, 1-10.	1.0	120
23	Craniopharyngioma. Pituitary, 2006, 9, 323-326.	1.6	119
24	Pituitary Surgery: Transsphenoidal Approach. Neurosurgery, 2002, 51, 435-444.	0.6	116
25	The role of the endoscope in the transsphenoidal management of cystic lesions of the sellar region. Neurosurgical Review, 2008, 31, 55-64.	1.2	116
26	Management of Cushing's disease: outcome in patients with microadenoma detected on pituitary magnetic resonance imaging. Journal of Neurosurgery, 2008, 109, 751-759.	0.9	116
27	Long-term outcomes and prognostic factors in pediatric patients with severe traumatic brain injury and elevated intracranial pressure. Journal of Neurosurgery: Pediatrics, 2008, 2, 240-249.	0.8	111
28	Pituitary apoplexy: correlation between magnetic resonance imaging and histopathological results. Journal of Neurosurgery, 2008, 108, 909-915.	0.9	109
29	ICAR: endoscopic skullâ€base surgery. International Forum of Allergy and Rhinology, 2019, 9, S145-S365.	1.5	104
30	Stereotactic Radiosurgery for Pituitary Adenomas: A Review of the Literature. Journal of Neuro-Oncology, 2004, 69, 257-272.	1.4	103
31	Utilization of type I collagen gel, demineralized bone matrix, and bone morphogenetic protein-2 to enhance autologous bone lumbar spinal fusion. Journal of Neurosurgery, 1997, 86, 93-100.	0.9	100
32	Early outcomes of endoscopic transsphenoidal surgery for adult craniopharyngiomas. Neurosurgical Focus, 2010, 28, E9.	1.0	97
33	Endoscopic Transsphenoidal Surgery for Cushing Disease. Neurosurgery, 2013, 72, 240-247.	0.6	96
34	The transsphenoidal resection of pediatric craniopharyngiomas: a case series. Journal of Neurosurgery: Pediatrics, 2010, 5, 49-60.	0.8	95
35	Ectopic Osteogenesis Using Adenoviral Bone Morphogenetic Protein (BMP)-4 and BMP-6 Gene Transfer. Molecular Therapy, 2002, 6, 464-470.	3.7	87
36	Retrospective analysis of a concurrent series of microscopic versus endoscopic transsphenoidal surgeries for Knosp Grades 0–2 nonfunctioning pituitary macroadenomas at a single institution. Journal of Neurosurgery, 2014, 121, 511-517.	0.9	86

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37	Outcome following decompressive craniectomy in children with severe traumatic brain injury: a 10-year single-center experience with long-term follow up. Journal of Neurosurgery: Pediatrics, 2007, 106, 268-275.	0.8	84
38	The Use of Bone Morphogenetic Protein Gene Therapy in Craniofacial Bone Repair. Journal of Craniofacial Surgery, 2000, 11 , 24 - 30 .	0.3	82
39	Postoperative Care Following Pituitary Surgery. Journal of Intensive Care Medicine, 2005, 20, 127-140.	1.3	80
40	Gamma Knife surgery for patients with nonfunctioning pituitary macroadenomas: predictors of tumor control, neurological deficits, and hypopituitarism. Journal of Neurosurgery, 2012, 117, 129-135.	0.9	77
41	Experimental Unilateral Coronal Synostosis in Rabbits. Plastic and Reconstructive Surgery, 1986, 77, 369-376.	0.7	75
42	Stereotactic radiosurgery for hypersecreting pituitary tumors: part of a multimodality approach. Neurosurgical Focus, 2003 , 14 , 1 - 5 .	1.0	71
43	The transsphenoidal approach. Neurosurgical Focus, 2005, 18, 1-4.	1.0	67
44	Natural and surgical history of Chiari malformation Type I in the pediatric population. Journal of Neurosurgery: Pediatrics, 2016, 17, 343-352.	0.8	66
45	Benign Brain Tumors: Sellar/Parasellar Tumors. Neurologic Clinics, 2007, 25, 1231-1249.	0.8	64
46	Comparison of MRI techniques for detecting microadenomas in Cushing's disease. Journal of Neurosurgery, 2018, 128, 1051-1057.	0.9	63
47	Right median nerve electrical stimulation to hasten awakening from coma. Brain Injury, 1999, 13, 261-267.	0.6	62
48	Outcomes of Endoscopic Transsphenoidal Pituitary Surgery. Endocrinology and Metabolism Clinics of North America, 2015, 44, 105-115.	1.2	55
49	Treatment of lumbar spinal stenosis by extensive unilateral decompression and contralateral autologous bone fusion: operative technique and results. Journal of Neurosurgery, 1996, 84, 166-173.	0.9	54
50	Use of the histological pseudocapsule in surgery for Cushing disease: rapid postoperative cortisol decline predicting complete tumor resection. Journal of Neurosurgery, 2012, 116, 721-727.	0.9	54
51	Some observations on axonal degeneration resulting from superficial lesions of the cerebral cortex. Journal of Comparative Neurology, 1973, 150, 349-360.	0.9	52
52	Visual discrimination following partial telencephalic ablations in nurse sharks (Ginglymostoma) Tj ETQq0 0 0 rgBT	/Qverlock	10 Tf 50 14
53	Bone Morphogenetic Protein Gene Therapy. Spine, 2002, 27, S87-S93.	1.0	49
54	Fluoroscopic Frameless Stereotaxy for Transsphenoidal Surgery. Neurosurgery, 2001, 48, 1302-1308.	0.6	46

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55	Computer-assisted frameless stereotaxy in transsphenoidal surgery at a single institution: review of 176 cases. Neurosurgical Focus, 2006, 20, 1-6.	1.0	46
56	Single-center experience with pediatric Cushing's disease. Journal of Neurosurgery: Pediatrics, 2005, 103, 413-420.	0.8	43
57	Mechanisms of premature closure of cranial sutures. Child's Nervous System, 1999, 15, 670-675.	0.6	42
58	Pediatric sellar tumors: diagnostic procedures and management. Neurosurgical Focus, 2005, 18, 1-5.	1.0	42
59	Correction of sagittal synostosis using a modified Î method. Clinics in Plastic Surgery, 2004, 31, 489-498.	0.7	41
60	Early versus late Gamma Knife radiosurgery following transsphenoidal resection for nonfunctioning pituitary macroadenomas: a matched cohort study. Journal of Neurosurgery, 2016, 125, 202-212.	0.9	40
61	Prospective comparison of sinonasal outcomes after microscopic sublabial or endoscopic endonasal transsphenoidal surgery for nonfunctioning pituitary adenomas. Journal of Neurosurgery, 2016, 125, 323-333.	0.9	39
62	Anatomy, Physiology, and Laboratory Evaluation of the Pituitary Gland. Otolaryngologic Clinics of North America, 2016, 49, 21-32.	0.5	39
63	Intracranial Hypertension in Relation to Memory Functioning during the First Year after Severe Head Injury. Neurosurgery, 1991, 28, 196-200.	0.6	37
64	Evaluation and management of Cushing syndrome in cases of negative sellar magnetic resonance imaging. Neurosurgical Focus, 2007, 23, 1-7.	1.0	37
65	Molecular Methods of Enhancing Lumbar Spine Fusion. Neurosurgery, 1996, 39, 548-554.	0.6	36
66	Surgical management of Cushing's disease. Pituitary, 2015, 18, 211-216.	1.6	36
67	Rathke $\hat{E}^{1}\!\!/\!\!4$ s Cleft Cyst: Computed Tomographic and Magnetic Resonance Imaging Appearances. Neurosurgery, 1987, 21, 60-62.	0.6	34
68	Acromegaly without Imaging Evidence of Pituitary Adenoma. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4192-4196.	1.8	34
69	A Case for Conservative Management: Characterizing the Natural History of Radiographically Diagnosed Rathke Cleft Cysts. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3943-3948.	1.8	34
70	Early versus late Gamma Knife radiosurgery following transsphenoidal surgery for nonfunctioning pituitary macroadenomas: a multicenter matched-cohort study. Journal of Neurosurgery, 2018, 129, 648-657.	0.9	34
71	Pituitary Surgery: Transsphenoidal Approach. Neurosurgery, 2002, 51, 435-444.	0.6	33
72	A lesson in history: the evolution of endoscopic third ventriculostomy. Neurosurgical Focus, 2012, 33, E11.	1.0	32

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73	Crooke's Changes In Cushing's Syndrome Depends on Degree of Hypercortisolism and Individual Susceptibility. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3165-3171.	1.8	32
74	Primary versus revision transsphenoidal resection for nonfunctioning pituitary macroadenomas: matched cohort study. Journal of Neurosurgery, 2017, 126, 889-896.	0.9	32
75	Resection of pituitary macroadenomas via the pseudocapsule along the posterior tumor margin: a cohort study and technical note. Journal of Neurosurgery, 2018, 128, 422-428.	0.9	32
76	Acrylic Cranioplasty Using Miniplate Struts. Neurosurgery, 1996, 39, 747-749.	0.6	31
77	Correlation between GH and IGF-1 during treatment for acromegaly. Journal of Neurosurgery, 2016, 126, 1959-1966.	0.9	30
78	Molecular Methods of Enhancing Lumbar Spine Fusion. Neurosurgery, 1996, 39, 548-554.	0.6	30
79	Chiari malformations in patients with uncorrected sagittal synostosis. World Neurosurgery, 2007, 67, 422-427.	1.3	28
80	Percent reduction of growth hormone levels correlates closely with percent resected tumor volume in acromegaly. Journal of Neurosurgery, 2015, 122, 798-802.	0.9	27
81	Physiological growth hormone replacement and rate of recurrence of craniopharyngioma: the Genentech National Cooperative Growth Study. Journal of Neurosurgery: Pediatrics, 2016, 18, 408-412.	0.8	27
82	Pipeline Embolization Device for the Treatment of Intracranial Pseudoaneurysms. World Neurosurgery, 2019, 127, e86-e93.	0.7	26
83	Frequency and long-term follow-up of trapped fourth ventricle following neonatal posthemorrhagic hydrocephalus. Journal of Neurosurgery: Pediatrics, 2016, 17, 552-557.	0.8	22
84	Spinal Subdural Empyema. Neurosurgery, 1978, 3, 400-403.	0.6	21
85	Surgery for primary brain tumors at United States academic training centers: results from the Residency Review Committee for Neurological Surgery. Journal of Neurosurgery, 2005, 103, 789-793.	0.9	20
86	TSH adenomas. Pituitary, 2006, 9, 313-315.	1.6	20
87	Two distinct populations of Chiari I malformation based on presence or absence of posterior fossa crowdedness on magnetic resonance imaging. Journal of Neurosurgery, 2016, 126, 1934-1940.	0.9	20
88	Chiari I malformation in childrenâ€"the natural history. Child's Nervous System, 2019, 35, 1793-1799.	0.6	20
89	Endoscopic endonasal surgery outcomes for pediatric craniopharyngioma: a systematic review. Neurosurgical Focus, 2020, 48, E6.	1.0	20
90	Editorial. COVID-19 and neurosurgical practice: an interim report. Journal of Neurosurgery, 2020, 133, 3-4.	0.9	19

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91	Acromegaly: historical perspectives and current therapy. Journal of Neuro-Oncology, 2001, 54, 129-137.	1.4	18
92	Tumor to Cerebellar Peduncle T2-Weighted Imaging Intensity Ratio Fails to Predict Pituitary Adenoma Consistency. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 252-257.	0.4	18
93	Bone graft substitutes for the promotion of spinal arthrodesis. Neurosurgical Focus, 2001, 10, 1-5.	1.0	16
94	Detection of Shunt-induced Intracerebral Hemorrhage by Postoperative Skull Films: A Report of Two Cases. Neurosurgery, 1988, 22, 755-757.	0.6	15
95	A history of pituitary surgery. Operative Techniques in Neurosurgery, 2002, 5, 200-209.	0.1	15
96	Recovery of Useful Hearing after Posterior Fossa Surgery: The Role of Otoacoustic Emissions: Case Report. Neurosurgery, 1997, 41, 469-473.	0.6	14
97	Stress fracture of the pedicle after extensive decompression and contralateral posterior fusion for lumbar stenosis. Neurosurgical Focus, 2002, 13, 1-4.	1.0	14
98	Pituitary tumors. Current Opinion in Neurology, 2012, 25, 751-755.	1.8	13
99	Presentation and outcomes in surgically and conservatively managed pediatric Rathke cleft cysts. Journal of Neurosurgery: Pediatrics, 2018, 21, 308-314.	0.8	13
100	Cerebrospinal fluid area and syringogenesis in Chiari malformation type I. Journal of Neurosurgery, 2021, 134, 825-830.	0.9	13
101	Interlaminar connections of rat visual cortex: An ultrastructural study. Journal of Comparative Neurology, 1977, 174, 521-533.	0.9	12
102	Pituitary Tumors. , 2011, , 1476-1510.		12
103	Endoscopic versus microscopic pituitary surgery. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 827-827.	0.9	11
104	Transsphenoidal transtuberculum sellae approach for suprasellar and midline anterior cranial fossa tumors. Operative Techniques in Neurosurgery, 2002, 5, 226-230.	0.1	10
105	Neurogenic diabetes insipidus. Pituitary, 2006, 9, 327-329.	1.6	10
106	Immunohistochemistry of COUP-TFI: an adjuvant diagnostic tool for the identification of corticotroph microadenomas. Pituitary, 2010, 13, 1-7.	1.6	10
107	Surgery for Pediatric Pituitary Adenomas. Neurosurgery Clinics of North America, 2019, 30, 465-471.	0.8	10
108	Three-dimensional printing and craniosynostosis surgery. Child's Nervous System, 2021, 37, 2487-2495.	0.6	10

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109	Hydromyelia Complicating Apert's Syndrome: A Case Report. Neurosurgery, 1985, 17, 70-74.	0.6	9
110	Surgical Treatment of V1 Trigeminal Neuralgia: Technical Refinement. Neurosurgery, 1985, 17, 660-662.	0.6	8
111	Transsphenoidal Surgery for Mixed Pituitary Gangliocytoma-Adenomas. World Neurosurgery, 2017, 108, 310-316.	0.7	8
112	Routine postoperative fluid restriction to prevent syndrome of inappropriate antidiuretic hormone secretion after transsphenoidal resection of pituitary adenoma. Journal of Neurosurgery, 2022, 136, 405-412.	0.9	8
113	Intraoperative Chemonucleolysis As an Adjunct to Lumbar Discectomy. Spine, 1995, 20, 1923-1927.	1.0	7
114	Surgical History of Sleep Apnea in Pediatric Patients with Chiari Type 1 Malformation. Neurosurgery Clinics of North America, 2015, 26, 543-553.	0.8	7
115	Decrease of Serum IGF-I following Transsphenoidal Pituitary Surgery for Acromegaly. Clinical Chemistry, 2017, 63, 486-494.	1.5	7
116	Prediction of cavernous sinus invasion in patients with Cushing's disease by magnetic resonance imaging. Journal of Neurosurgery, 2019, 130, 1593-1598.	0.9	7
117	Ganglioglioma Arising from the Septum Pellucidum: Case Report and Review of the Literature. Pediatric Neurosurgery, 2019, 54, 36-45.	0.4	7
118	Long-Term Neurocognitive Outcomes in Sagittal Synostosis: The Impact of Reoperation. Journal of Craniofacial Surgery, 2021, 32, 58-61.	0.3	7
119	Intraoperative chymopapain in lumbar laminotomy for disc disease: a less invasive technique. Neurosurgical Focus, 1998, 4, E12.	1.0	6
120	â€Gasket-Seal―Closure for Cerebrospinal Fluid Leaks. World Neurosurgery, 2013, 80, 491-492.	0.7	6
121	Transsphenoidal surgery using robotics to approach the sella turcica: Integrative use of artificial intelligence, realistic motion tracking and telesurgery. Clinical Neurology and Neurosurgery, 2020, 197, 106152.	0.6	6
122	Pituitary Tumors in the Computational Era, Exploring Novel Approaches to Diagnosis, and Outcome Prediction with Machine Learning. World Neurosurgery, 2021, 146, 315-321.e1.	0.7	6
123	Gender Equity of Promoting Practices in Academic Neurosurgery in the United States. World Neurosurgery, 2022, 158, 139-147.	0.7	6
124	Neurosurgery at the University of Virginia. Neurosurgery, 1998, 43, 133-141.	0.6	5
125	Gene-based therapies for the induction of spinal fusion. Neurosurgical Focus, 2001, 10, 1-5.	1.0	5
126	Lumbar stenosis: a personal record. Journal of Neurosurgery: Spine, 2004, 1, 31-38.	0.9	5

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127	Editorial: International rotations and resident education. Journal of Neurosurgery, 2015, 122, 237-239.	0.9	5
128	From Bench to Bedside, the Current State of Oncolytic Virotherapy in Pediatric Glioma. Neurosurgery, 2020, 87, 1091-1097.	0.6	5
129	Management of pediatric sellar tumors. Pediatric Endocrinology Reviews, 2008, 5 Suppl 2, 720-6.	1.2	5
130	Antone Tarazi: The First Palestinian Neurosurgeon and the First Neurosurgeon in Jordan: A Neurosurgeon of Two Countries. World Neurosurgery, 2014, 82, 959-962.	0.7	4
131	Effect of distance from target on hypopituitarism after stereotactic radiosurgery for pituitary adenomas. Journal of Neuro-Oncology, 2022, 158, 41-50.	1.4	4
132	Neurocysticercosis Presenting as an Isolated Suprasellar Lesion. World Neurosurgery, 2020, 141, 352-356.	0.7	3
133	Fusion with Occipital Bone for Atlantoaxial Instability. Neurosurgery, 1993, 33, 926-928.	0.6	2
134	Diagnostic considerations and surgical results for hyperfunctioning pituitary adenomas., 2012,, 692-722.		2
135	Anatomical features of the cervical spinal canal in Chiari I deformity with presyrinx: A case-control study. Neuroradiology Journal, 2017, 30, 405-409.	0.6	2
136	Editorial. Craniopharyngioma classification. Journal of Neurosurgery, 2021, 135, 1293-1295.	0.9	2
137	Long Term Survival of a Patient with an Intracranial Ependymoma: Case Report. Neurosurgery, 1986, 18, 451-453.	0.6	1
138	Endoscopy in neurosurgery. Neurosurgical Focus, 2011, 30, Introduction.	1.0	1
139	Editorial. Endoscopic endonasal surgery for pediatric craniopharyngiomas. Journal of Neurosurgery: Pediatrics, 2018, 21, 545-548.	0.8	1
140	Commentary on "What Is the Functional Difference Between Sagittal With Metopic and Isolated Sagittal Craniosynostosis?― Journal of Craniofacial Surgery, 2019, 30, 974.	0.3	1
141	Editorial. Revisiting the safety of the endoscopic endonasal approach in the modern era. Journal of Neurosurgery, 2022, 136, 389-391.	0.9	1
142	Characterization of a paradoxical post-operative increase in serum cortisol in Cushing disease. Pituitary, 2022, 25, 340.	1.6	1
143	Intrasellar and Diaphragma Sellae Meningiomas. , 2010, , 407-411.		0
144	Pituitary Tumors in Pediatric Patients. , 2017, , 487-498.		O

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145	Pituitary Adenomas. , 2019, , 271-281.		O
146	Transsphenoidal Surgery for Nonfunctioning Adenomas. , 2010, , 243-248.		O
147	Pituitary Adenomas. , 2019, , 1-15.		O
148	Pituitary Adenomas. , 2020, , 1909-1920.		0