Domenico Gerardo Iacopino

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7987806/publications.pdf

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130 papers 1,823 citations

279487 23 h-index 35 g-index

131 all docs

131 does citations

131 times ranked

2056 citing authors

#	Article	IF	CITATIONS
1	Neuroprotection by erythropoietin administration after experimental traumatic brain injury. Brain Research, 2007, 1182, 99-105.	1.1	109
2	Amelioration of spinal cord compressive injury by pharmacological preconditioning with erythropoietin and a nonerythropoietic erythropoietin derivative. Journal of Neurosurgery: Spine, 2006, 4, 310-318.	0.9	82
3	Aquaporins and Brain Tumors. International Journal of Molecular Sciences, 2016, 17, 1029.	1.8	70
4	Ectopic expression of CXCL13, BAFF, APRIL and LT- \hat{l}^2 is associated with artery tertiary lymphoid organs in giant cell arteritis. Annals of the Rheumatic Diseases, 2017, 76, 235-243.	0.5	67
5	Difference in the expression of IL-9 and IL-17 correlates with different histological pattern of vascular wall injury in giant cell arteritis. Rheumatology, 2015, 54, 1596-1604.	0.9	66
6	Early High-dosage Atorvastatin Treatment Improved Serum Immune-inflammatory Markers and Functional Outcome in Acute Ischemic Strokes Classified as Large Artery Atherosclerotic Stroke. Medicine (United States), 2016, 95, e3186.	0.4	66
7	Prognostic Implications of the Complement Protein C1q in Gliomas. Frontiers in Immunology, 2019, 10, 2366.	2.2	50
8	NEUROPROTECTIVE EFFECT OF ERYTHROPOIETIN AND DARBEPOETIN ALFA AFTER EXPERIMENTAL INTRACEREBRAL HEMORRHAGE. Neurosurgery, 2009, 65, 763-770.	0.6	45
9	Preliminary experience with a transcranial magnetic resonance–guided focused ultrasound surgery system integrated with a 1.5-T MRI unit in a series of patients with essential tremor and Parkinson's disease. Neurosurgical Focus, 2018, 44, E7.	1.0	45
10	New Hope in Brain Glioma Surgery: The Role of Intraoperative Ultrasound. A Review. Brain Sciences, 2018, 8, 202.	1.1	42
11	End-of-Life Care in High-Grade Glioma Patients. The Palliative and Supportive Perspective. Brain Sciences, 2018, 8, 125.	1.1	42
12	Autologous fibrin sealant (Vivostat < sup> \hat{A}^{\otimes} < /sup>) in the neurosurgical practice: Part I: Intracranial surgical procedure. , 2015, 6, 77.		42
13	The Role of Erythropoietin in Neuroprotection: Therapeutic Perspectives. Drug News and Perspectives, 2007, 20, 315.	1.9	41
14	Fluorescein for resection of high-grade gliomas: A safety study control in a single center and review of the literature., 2017, 8, 145.		38
15	Expression of the tumor necrosis factor receptorâ€"associated factors 1 and 2 and regulation of the nuclear factorâ€"kB antiapoptotic activity in human gliomas. Journal of Neurosurgery, 2005, 103, 873-881.	0.9	35
16	Exosomal Chaperones and miRNAs in Gliomagenesis: State-of-Art and Theranostics Perspectives. International Journal of Molecular Sciences, 2018, 19, 2626.	1.8	34
17	Navigated Transcranial Magnetic Stimulation Motor Mapping Usefulness in the Surgical Management of Patients Affected by Brain Tumors in Eloquent Areas: A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2021, 12, 644198.	1.1	33
18	Transcranial Doppler Ultrasonography in the Assessment of Cerebral Circulation Arrest: Improving Sensitivity by Trancervical and Transorbital Carotid Insonation and Serial Examinations. Neurocritical Care, 2009, 10, 326-335.	1.2	32

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19	Mediterranean Diet in patients with acute ischemic stroke: Relationships between Mediterranean Diet score, diagnostic subtype, and stroke severity index. Atherosclerosis, 2015, 243, 260-267.	0.4	31
20	Intraoperative Ultrasound: Emerging Technology and Novel Applications in Brain Tumor Surgery. Frontiers in Oncology, 2022, 12, 818446.	1.3	30
21	Neuroprotective potential of erythropoietin and darbepoetin alfa in an experimental model of sciatic nerve injury. Journal of Neurosurgery: Spine, 2007, 7, 645-651.	0.9	29
22	Telemedicine versus WhatsApp. NeuroReport, 2015, 26, 602-603.	0.6	29
23	With a Little Help from My Friends: The Role of Intraoperative Fluorescent Dyes in the Surgical Management of High-Grade Gliomas. Brain Sciences, 2018, 8, 31.	1.1	29
24	Focused Ultrasound in Neuroscience. State of the Art and Future Perspectives. Brain Sciences, 2021, 11, 84.	1.1	27
25	Transcranial Doppler ultrasound study of the effects of nitrous oxide on cerebral autoregulation during neurosurgical anesthesia: a randomized controlled trial. Journal of Neurosurgery, 2003, 99, 58-64.	0.9	26
26	Aulogous fibrin sealant (Vivostat < sup > \hat{A}^{\otimes} < /sup >) in the neurosurgical practice: Part II: Vertebro-spinal procedures. , 2016, 7, 77.		26
27	Brain Mapping-Aided SupraTotal Resection (SpTR) of Brain Tumors: The Role of Brain Connectivity. Frontiers in Oncology, 2021, 11, 645854.	1.3	24
28	Conservative vs. Surgical Management of Post-Traumatic Epidural Hematoma: A Case and Review of Literature. American Journal of Case Reports, 2015, 16, 811-817.	0.3	22
29	White cord syndrome after non-contiguous double-level anterior cervical decompression and fusion (ACDF): A "no reflow phenomenon�. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2017, 7, 47-49.	0.2	22
30	Developing drug strategies for the neuroprotective treatment of acute ischemic stroke. Expert Review of Neurotherapeutics, 2015, 15, 1271-1284.	1.4	21
31	Brain Mapping as Helpful Tool in Brain Glioma Surgical Treatment—Toward the "Perfect Surgery�. Brain Sciences, 2018, 8, 192.	1.1	21
32	May Autologue Fibrin Glue Alone Enhance Ossification? An Unexpected Spinal Fusion. World Neurosurgery, 2016, 95, 611-612.	0.7	20
33	Vertebro-Basilar Junction Aneurysms: A Single Centre Experience and Meta-Analysis of Endovascular Treatments. Neuroradiology Journal, 2014, 27, 732-741.	0.6	19
34	Hemostasis in brain tumor surgery using the Aquamantys system. Medical Science Monitor, 2014, 20, 538-543.	0.5	18
35	Activated IL-22 pathway occurs in the muscle tissues of patients with polymyositis or dermatomyositis and is correlated with disease activity. Rheumatology, 2014, 53, 1307-1312.	0.9	17
36	Reconstruction of Vertebral Body After Radiofrequency Ablation and Augmentation in Dorsolumbar Metastatic Vertebral Fracture: Analysis of Clinical and Radiological Outcome in a Clinical Series of 18 Patients. Acta Neurochirurgica Supplementum, 2017, 124, 81-86.	0.5	17

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37	Skull Bone Defects Reconstruction with Custom-Made Titanium Graft shaped with Electron Beam Melting Technology: Preliminary Experience in a Series of Ten Patients. Acta Neurochirurgica Supplementum, 2017, 124, 137-141.	0.5	16
38	A Spotlight on the Role of Radiomics and Machine-Learning Applications in the Management of Intracranial Meningiomas: A New Perspective in Neuro-Oncology: A Review. Life, 2022, 12, 586.	1.1	16
39	Odontoid process and clival regeneration with Chiari malformation worsening after transoral decompression: an unexpected and previously unreported cause of "accordion phenomenonâ€. European Spine Journal, 2015, 24, 564-568.	1.0	15
40	Walk the Line. The Surgical Highways to the Craniovertebral Junction in Endoscopic Approaches: A Historical Perspective. World Neurosurgery, 2018, 110, 544-557.	0.7	14
41	Chaperonology: The Third Eye on Brain Gliomas. Brain Sciences, 2018, 8, 110.	1.1	14
42	HLA and killer cell immunoglobulin-like receptor (KIRs) genotyping in patients with acute viral encephalitis. Oncotarget, 2018, 9, 17523-17532.	0.8	13
43	Primary Extracranial Meningiomas of the Head and Neck. Life, 2021, 11, 942.	1.1	13
44	The Triad Hsp60-miRNAs-Extracellular Vesicles in Brain Tumors: Assessing Its Components for Understanding Tumorigenesis and Monitoring Patients. Applied Sciences (Switzerland), 2021, 11, 2867.	1.3	12
45	Clinical and radiological features of Forestier's disease presenting with dysphagia. , 2018, 9, 236.		12
46	Liquid Biopsy in Diagnosis and Prognosis of High-Grade Gliomas; State-of-the-Art and Literature Review. Life, 2022, 12, 407.	1.1	12
47	The Role of 3D-Printed Custom-Made Vertebral Body Implants in the Treatment of Spinal Tumors: A Systematic Review. Life, 2022, 12, 489.	1.1	12
48	Complex reconstructive surgery following removal of extra-intracranial meningiomas, including the use of autologous fibrin glue and a pedicled muscle flap. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2014, 1, 84-87.	0.2	11
49	The Craniovertebral Junction in Rheumatoid Arthritis: State of the Art. Acta Neurochirurgica Supplementum, 2019, 125, 79-86.	0.5	11
50	Surgical Back Risk Syndrome and Spinal Cord Stimulation: Better Safe Than Sorry. World Neurosurgery, 2020, 133, e658-e665.	0.7	11
51	Impasse in the management of recurrent basal cell carcinoma of the skull with sagittal sinus erosion. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2015, 2, 160-163.	0.2	10
52	Letter. Neurosurgery, 2015, 77, E670-E673.	0.6	10
53	Multimodal Simulation of a Novel Device for a Safe and Effective External Ventricular Drain Placement. Frontiers in Neuroscience, 2021, 15, 690705.	1.4	10
54	Peritumoral Edema in Meningiomas. Neurosurgery, 1994, 35, 638???642.	0.6	10

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55	On the Shoulders of Giants, with a Smartphone: Periscope in Neurosurgery. World Neurosurgery, 2016, 92, 569-570.	0.7	9
56	Surgical Treatment in Symptomatic Chiari Malformation Type I: A Series of 25 Adult Patients Treated with Cerebellar Tonsil Shrinkage. Acta Neurochirurgica Supplementum, 2019, 125, 125-131.	0.5	9
57	The role of hemostatic devices in neurosurgery. A systematic review. Journal of Clinical Neuroscience, 2021, 89, 151-157.	0.8	8
58	Coplanar Indirect-Navigated Intraoperative Ultrasound: Matching Un-navigated Probes With Neuronavigation During Neurosurgical Procedures. How We Do It. Operative Neurosurgery, 2021, 21, 485-490.	0.4	8
59	Cervical Neuroma Presenting as a Subarachnoid Hemorrhage: Case Report. Neurosurgery, 1996, 39, 1046-1049.	0.6	8
60	A thoracic vertebral localization of a metastasized cutaneous Merkel cell carcinoma: Case report and review of literature., 2017, 8, 190.		8
61	Management of Spinal Bone Metastases With Radiofrequency Ablation, Vertebral Reinforcement and Transpedicular Fixation: A Retrospective Single-Center Case Series. Frontiers in Oncology, 2021, 11, 818760.	1.3	8
62	Spinal Tractography as a Potential Prognostic Tool in Spinal Cord Injury: A Systematic Review. World Neurosurgery, 2022, 164, 25-32.	0.7	8
63	Surgical nuances on the treatment of giant dumbbell cervical spine schwannomas: description of a challenging case and review of the literature. Spinal Cord Series and Cases, 2016, 2, 15042.	0.3	7
64	Percutaneous Pedicle-Lengthening Osteotomy in Minimal Invasive Spinal Surgery to Treat Degenerative Lumbar Spinal Stenosis: A Single-Center Preliminary Experience. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2018, 79, 365-371.	0.4	7
65	Minimally Invasive Management of Spontaneous Supratentorial Intracerebral Lobar Hemorrhages by a "Homemade―Endoscopic Strategy: The Evangelical Doctrine of "Venite ad Me―Allied to the Legacy of King Leonida. World Neurosurgery, 2019, 122, 638-647.	0.7	7
66	The Palliative Care in the Metastatic Spinal Tumors. A Systematic Review on the Radiotherapy and Surgical Perspective. Life, 2022, 12, 571.	1.1	7
67	Spinal Cord Stimulation: An Alternative Concept of Rehabilitation?. Acta Neurochirurgica Supplementum, 2017, 124, 15-18.	0.5	6
68	Preliminary Experience with a Novel System of Facet Fixation to Treat Patients with Lumbar Degenerative Disease. A New Perspective in Minimally Invasive Spine Surgery?. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2018, 79, 296-301.	0.4	6
69	Surgical Highways to the Craniovertebral Junction: Is It Time for a Reappraisal?. Acta Neurochirurgica Supplementum, 2019, 125, 17-23.	0.5	6
70	Delayed chronic intracranial subdural hematoma complicating resection of a tanycytic thoracic ependymoma., 2016, 7, 20.		6
71	Is there still a role for lesioning in functional neurosurgery? Preliminary Italian (and world-first) experience with a trans-cranial MRI-guided focused ultrasound surgery system operating at 1.5 Tesla. Journal of Neurosurgical Sciences, 2017, 61, 681-683.	0.3	6
72	A new tool to improve pedicle screw placement accuracy in navigated spine surgery: a monocentric study. Journal of Neurosurgical Sciences, 2021, 65, 348-353.	0.3	5

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73	Never say never again: A bone graft infection due to a hornet sting, thirty-nine years after cranioplasty., 2017, 8, 189.		5
74	Spinal Cord Stimulation to Treat Unresponsive Cancer Pain: A Possible Solution in Palliative Oncological Therapy. Life, 2022, 12, 554.	1.1	5
75	White Cord Syndrome After Cervical or Thoracic Spinal Cord Decompression. Hemodynamic Complication or Mechanical Damage? An Underestimated Nosographic Entity. World Neurosurgery, 2022, 164, 243-250.	0.7	5
76	Letter to the Editor. Transcranial MRgFUS for movement disorder: toward a wider and affordable employment for functional neurosurgery through 1.5-T MRI?. Journal of Neurosurgery, 2018, 129, 843-844.	0.9	4
77	Other Apps Beyond WhatsApp. World Neurosurgery, 2019, 130, 567.	0.7	4
78	A Strange Case of Downward Displacement of a Deep Brain Stimulation Electrode 10 Years Following Implantation: The Gliding Movement of Snakes Theory. World Neurosurgery, 2015, 84, 591.e1-591.e5.	0.7	3
79	Neurosurgical Odyssey: Case of Anaplastic Meningiomatosis. World Neurosurgery, 2017, 106, 975-977.	0.7	3
80	Peripheral facial palsy following ventriculoperitoneal shunt. The lesson we have learned. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2018, 13, 20-22.	0.2	3
81	Learning Curve in Surgical Treatment of Odontoid Fixation for a Series of Type II C2 Fractures. Acta Neurochirurgica Supplementum, 2019, 125, 325-327.	0.5	3
82	A rare diagnosis of an extraventricular neurocytoma. , 2021, 12, 88.		3
83	Diamond-Shaped Mini-Craniotomy: A New Concept in Neurosurgery. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2022, 83, 236-241.	0.4	3
84	Restoring Neurological Physiology: The Innovative Role of High-Energy MR-Guided Focused Ultrasound (HIMRgFUS). Preliminary Data from a New Method of Lesioning Surgery. Acta Neurochirurgica Supplementum, 2017, 124, 55-59.	0.5	3
85	Type II Odontoid Fracture: a case series highlighting the treatment strategies. Acta Neurochirurgica Supplementum, 2019, 125, 317-324.	0.5	3
86	Unusual recurrence of trigeminal neuralgia after microvascular decompression by muscle interposal. Medical Science Monitor, 2011, 17, CS43-CS46.	0.5	3
87	\hat{l}^2 -amyloid wall deposit of temporal artery in subjects with spontaneous intracerebral haemorrhage. Oncotarget, 2018, 9, 34699-34707.	0.8	3
88	Rapid malignant progression of an intraparenchymal choroid plexus papillomas., 2018, 9, 131.		3
89	A new concept to treat lumbar spine stenosis in a mini invasive way. Journal of Neurosurgical Sciences, 2017, 61, 347-348.	0.3	3
90	Thoracic spinal extradural arachnoid cyst: A case report and literature review., 2022, 13, 55.		3

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91	Neuronavigation-guided biopsy for differential diagnosis of pseudotumoral demyelinating brain lesions. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2014, 1, 44-46.	0.2	2
92	Vertebrobasilar junction giant aneurysm: Lessons learned from a neurosurgical audit and anatomical investigation. British Journal of Neurosurgery, 2015, 29, 718-722.	0.4	2
93	Successful management of a cerebral abscess secondary to chronic cholesteatoma caused by Prevotella melaninogenica and Peptococcus anaerobius $\hat{a} \in A$ case report and literature review. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2016, 6, 71-74.	0.2	2
94	EMG-Guided Percutaneous Placement of Cement-Augmented Pedicle Screws for Osteoporotic Thoracolumbar Burst Fractures. Acta Neurochirurgica Supplementum, 2017, 124, 319-325.	0.5	2
95	Vancomycin resistant Enterococcus faecium (VRE) vertebral osteomyelitis after uneventful spinal surgery: A case report and literature review. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2017, 7, 12-16.	0.2	2
96	The subway tunneling technique for distal shunt catheter insertion. British Journal of Neurosurgery, 2020, 34, 18-19.	0.4	2
97	Letter to the Editor Regarding "First Report of Extraspinal Lead Migration Along a Thoracic Spinal Nerve After Spinal Cord Stimulation― World Neurosurgery, 2021, 145, 536-537.	0.7	2
98	Transcranial Magnetic Resonance Imaging-Guided Focused Ultrasound with a 1.5 Tesla Scanner: A Prospective Intraindividual Comparison Study of Intraoperative Imaging. Brain Sciences, 2021, 11, 46.	1.1	2
99	Natura abhorret a vacuo. Future perspectives of autologous fibrin glue. Is it time for reappraisal?. , 2017, 8, 57.		2
100	Reconstruction of vertebral body in thoracolumbar AO type A post-traumatic fractures by balloon kyphoplasty: a series of 85 patients with a long follow-up and review of the literature. Journal of Neurosurgical Sciences, 2022, 66, .	0.3	2
101	Spinal Cord Stimulation and Psychosomatic Conditions. Neurosurgery, 2012, 71, E528-E529.	0.6	1
102	Emergency endovascular treatment of petrous carotid artery false aneurysm. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2015, 2, 21-25.	0.2	1
103	Insights on a Giant Aneurysm Treated Endovascularly. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2016, 77, 367-371.	0.4	1
104	Letter: Thalamotomy-Like Effects From Partial Removal of a Ventral Intermediate Nucleus Deep Brain Stimulator Lead in a Patient With Essential Tremor: Case Report. Neurosurgery, 2017, 80, E254-E255.	0.6	1
105	Privacy in Modern Healthcare Communications: The Lesson of Alan Turing. World Neurosurgery, 2017, 97, 735-736.	0.7	1
106	Novel Application of Pulsed Radiofrequency Energy Device (PEAK Plasmablade) in Neurosurgical Reconstructive Surgery. World Neurosurgery, 2018, 116, 472-473.	0.7	1
107	Pediatric Trigeminal Schwannoma: From a "Minimally Invasive―to a Combined Endovascular and Surgical Management. World Neurosurgery, 2019, 129, 552-554.	0.7	1
108	Letter to the Editor Regarding "Gelatin Paste as an Alternative Cost-Effective Hemostatic Agent in Cranial Surgery: Doing More with Less― World Neurosurgery, 2019, 126, 701.	0.7	1

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109	Letter to the Editor Regarding "Central Neurocytoma: Rare Presentation in Fourth Ventricle and Review of Literature― World Neurosurgery, 2020, 133, 443-444.	0.7	1
110	Neurosurgical post-operative complications with incidental life-saving findings. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2021, 24, 101088.	0.2	1
111	Waste not, want not: Report of a completely calcified C1-C2 juxtafacet cyst and literature review., 2021, 12, 369.		1
112	The Boundless World of Cranioplasty: A Multicenter Retrospective Study and Therapeutic Flow-Chart Patient-Specific Based. Journal of Craniofacial Surgery, 2021, 32, 2758-2762.	0.3	1
113	Primary spinal Burkitt's lymphoma: Case report and literature review. , 2021, 12, 387.		1
114	Letter to the Editor. The missing piece to solve the equation. Neurosurgical Focus, 2020, 48, E12.	1.0	1
115	Intraoperative Reparation of Superior Sagittal Sinus (SSS) Rupture with Autologous Fibrin Glue: Management of a Complication. Our Experience and Technical Note. Journal of Neurological Disorders, 2015, 03, .	0.1	1
116	All that glitters is not gold: A spinal epidural empyema following epidural steroid injection. , 2020, 11, 240.		1
117	DBS, tcMRgFUS, and Gamma Knife radiosurgery for the treatment of essential tremor: a systematic review on techniques, indications, and current applications. Journal of Neurosurgical Sciences, 2022, , .	0.3	1
118	Letter to the Editor. The weight of functional MRI to predict surgery-induced risk after tumor resection: enough to be safe?. Journal of Neurosurgery, 2022, , 1-2.	0.9	1
119	Letter to the Editor Regarding "Biologic Agents Preserve the C-2 Pedicle in Patients with Rheumatoid Arthritis: A Comparative Imaging Study Using Three-Dimensional Computed Tomography― World Neurosurgery, 2022, 160, 116-117.	0.7	1
120	Spinal epidural abscess due to acute pyelonephritis., 2022, 13, 159.		1
121	Transnasal Endoscopic Approach for Osteoid Osteoma of the Odontoid Process in a Child: Technical Note and Systematic Review of the Literature. Brain Sciences, 2022, 12, 916.	1.1	1
122	A Neurosurgical Stratagem: Doing the Same with Less?. World Neurosurgery, 2017, 105, 1012-1014.	0.7	0
123	Intraparenchymal Brain Hemorrhage: "Birdlime―Effect Usefulness. World Neurosurgery, 2018, 120, 598.	0.7	0
124	Letter: Risk Factors for Wire Fracture or Tethering in Deep Brain Stimulation: A 15-Year Experience. Operative Neurosurgery, 2021, 20, E454-E455.	0.4	0
125	Dural splitting reconstruction in retethering after lipomeningocele repair: Technical note. , 2021, 12, 422.		0
126	Delayed brain reexpansion in schizophrenic patient affected by trabecular type chronic subdural hematoma., 2021, 12, 442.		0

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127	Thoracic dumbbell spinal chordoma mimicking a schwannoma. , 2021, 12, 497.		O
128	Letter to the Editor Regarding "Cystoventricular Drainage of Intracranial Arachnoid Cysts in Adults― World Neurosurgery, 2022, 159, 237-239.	0.7	0
129	Neuroendoscopic Navigated One-Step Removal of Crossed Ventricular Catheter Fragments: Technical Note. Journal of Pediatric Neurology, 0, , .	0.0	O
130	Thoracic dumbbell spinal metastasis secondary to neuroendocrine tumor of unknown origin: Case report and literature review., 0, 13, 199.		0