

Ignazio Gaspare Vetrano

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

732
citations

17
h-index

26
g-index

82
ext. papers

969
ext. citations

2.9
avg, IF

4.02
L-index

#	Paper	IF	Citations
74	Identification of residual tumor with intraoperative contrast-enhanced ultrasound during glioblastoma resection. <i>Neurosurgical Focus</i> , 2016 , 40, E7	4.2	72
73	Preoperative magnetic resonance and intraoperative ultrasound fusion imaging for real-time neuronavigation in brain tumor surgery. <i>Ultraschall in Der Medizin</i> , 2015 , 36, 174-86	3.8	60
72	Intraoperative cerebral glioma characterization with contrast enhanced ultrasound. <i>BioMed Research International</i> , 2014 , 2014, 484261	3	57
71	Fusion imaging for intra-operative ultrasound-based navigation in neurosurgery. <i>Journal of Ultrasound</i> , 2014 , 17, 243-51	3.4	47
70	Advanced Ultrasound Imaging in Glioma Surgery: Beyond Gray-Scale B-mode. <i>Frontiers in Oncology</i> , 2018 , 8, 576	5.3	44
69	From Grey Scale B-Mode to Elastosonography: Multimodal Ultrasound Imaging in Meningioma Surgery-Pictorial Essay and Literature Review. <i>BioMed Research International</i> , 2015 , 2015, 925729	3	36
68	Intraoperative Navigated Angiosonography for Skull Base Tumor Surgery. <i>World Neurosurgery</i> , 2015 , 84, 1699-707	2.1	32
67	Craniotomy vs. craniectomy for posterior fossa tumors: a prospective study to evaluate complications after surgery. <i>Acta Neurochirurgica</i> , 2013 , 155, 2281-6	3	32
66	Intraoperative Strain Elastosonography in Brain Tumor Surgery. <i>Operative Neurosurgery</i> , 2019 , 17, 227-236	3.6	29
65	Intraoperative ultrasound in spinal tumor surgery. <i>Journal of Ultrasound</i> , 2014 , 17, 195-202	3.4	26
64	The utilization of fluorescein in brain tumor surgery: a systematic review. <i>Journal of Neurosurgical Sciences</i> , 2018 , 62, 690-703	1.3	26
63	Fluorescein Application in Cranial and Spinal Tumors Enhancing at Preoperative MRI and Operated With a Dedicated Filter on the Surgical Microscope: Preliminary Results in 279 Patients Enrolled in the FLUOCERTUM Prospective Study. <i>Frontiers in Surgery</i> , 2019 , 6, 49	2.3	24
62	Discrete or diffuse intramedullary tumor? Contrast-enhanced intraoperative ultrasound in a case of intramedullary cervicothoracic hemangioblastomas mimicking a diffuse infiltrative glioma: technical note and case report. <i>Neurosurgical Focus</i> , 2015 , 39, E17	4.2	24
61	Use of ICG videoangiography and FLOW 800 analysis to identify the patient-specific venous circulation and predict the effect of venous sacrifice: a retrospective study of 172 patients. <i>Neurosurgical Focus</i> , 2018 , 45, E7	4.2	21
60	The role of indocyanine green videoangiography with FLOW 800 analysis for the surgical management of central nervous system tumors: an update. <i>Neurosurgical Focus</i> , 2018 , 44, E6	4.2	21
59	Chiari malformation-related headache: outcome after surgical treatment. <i>Neurological Sciences</i> , 2017 , 38, 95-98	3.5	18
58	Stem cell salvage of injured peripheral nerve. <i>Cell Transplantation</i> , 2015 , 24, 213-22	4	17

57	Chiari malformation type 1-related headache: the importance of a multidisciplinary study. <i>Neurological Sciences</i> , 2017 , 38, 91-93	3.5	15
56	Intraoperative Ultrasound and Contrast-Enhanced Ultrasound (CEUS) Features in a Case of Intradural Extramedullary Dorsal Schwannoma Mimicking an Intramedullary Lesion. <i>Ultraschall in Der Medizin</i> , 2015 , 36, 309-311	3.8	9
55	Chiari I malformation in defined genetic syndromes in children: are there common pathways?. <i>Childs Nervous System</i> , 2019 , 35, 1727-1739	1.7	8
54	Recurrence of carpal tunnel syndrome in isolated non-syndromic macrodactyly: DTI examination of a giant median nerve. <i>Skeletal Radiology</i> , 2019 , 48, 989-993	2.7	8
53	Indocyanine Green and Contrast-Enhanced Ultrasound Videoangiography: A Synergistic Approach for Real-Time Verification of Distal Revascularization and Aneurysm Occlusion in a Complex Distal Middle Cerebral Artery Aneurysm. <i>World Neurosurgery</i> , 2019 , 125, 277-284	2.1	7
52	Fluorescein-Assisted Confocal Laser Endomicroscopy (CONVIVO [®] System) in Patients With Glioblastoma: Results From a Prospective Study. <i>Frontiers in Oncology</i> , 2020 , 10, 606574	5.3	7
51	Fluorescein-guided removal of peripheral nerve sheath tumors: a preliminary analysis of 20 cases. <i>Journal of Neurosurgery</i> , 2019 , 1-10	3.2	7
50	High-Definition 4K 3D Exoscope (ORBEYETM) in Peripheral Nerve Sheath Tumor Surgery: A Preliminary, Explorative, Pilot Study. <i>Operative Neurosurgery</i> , 2020 , 19, 480-488	1.6	6
49	Contrast-enhanced ultrasound (CEUS) in spinal tumor surgery. <i>Acta Neurochirurgica</i> , 2018 , 160, 1869-1873	3.1	6
48	Fluorescein-guided resection of plexiform neurofibromas: how I do it. <i>Acta Neurochirurgica</i> , 2019 , 161, 2141-2145	3	6
47	The importance of predicting factors in the surgical outcome of peripheral nerve sheath tumors. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2014 , 75, 104-9	1.1	6
46	Choline-PET/CT in the Differential Diagnosis Between Cystic Glioblastoma and Intraparenchymal Hemorrhage. <i>Current Radiopharmaceuticals</i> , 2019 , 12, 88-92	1.8	6
45	Piezosurgery for Infra- and Supratentorial Craniotomies in Brain Tumor Surgery. <i>World Neurosurgery</i> , 2019 , 122, e1398-e1404	2.1	6
44	May Cisternostomy and Glymphatic System Be Considered the Deus ex Machina of Refractory Posttraumatic Intracranial Hypertension?. <i>World Neurosurgery</i> , 2018 , 117, 471-472	2.1	4
43	Vascular Remodeling in Moyamoya Angiopathy: From Peripheral Blood Mononuclear Cells to Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
42	In Silico Mathematical Modelling for Glioblastoma: A Critical Review and a Patient-Specific Case. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
41	Clinical Management of Moyamoya Patients. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
40	Intraoperative Findings in Spinal Lesions 2016 , 59-69		3

39	In vitro assessment of radiobiology of meningioma: A pilot study. <i>Journal of Neuroscience Methods</i> , 2019 , 311, 288-294	3	3
38	Letter: A Systematic Review of Deep Brain Stimulation Targets for Obsessive-Compulsive Disorder. <i>Neurosurgery</i> , 2021 , 88, E456-E457	3.2	3
37	Intraoperative compound muscle action potentials (CMAPs) amplitude changes after decompression and neurolysis of peripheral nerves in upper limbs neuropathies: electrophysiological considerations and relation with clinical outcome. <i>Journal of Neurosurgical Sciences</i> , 2021 , 65, 391-396	1.3	3
36	Rare Pathogens of Central Nervous System: a Systematic Literature Review and Report of Two New Cases of Cerebral Abscesses Due to <i>Gemella morbillorum</i> . <i>SN Comprehensive Clinical Medicine</i> , 2019 , 1, 533-539	2.7	2
35	8721 POSTER Treatment of Cerebral Glioblastoma in Elderly Patients. <i>European Journal of Cancer</i> , 2011 , 47, S581	7.5	2
34	The impact of fluorescein-guided technique in the surgical removal of CNS tumors in a pediatric population: results from a multicentric observational study. <i>Journal of Neurosurgical Sciences</i> , 2019 , 63, 679-687	1.3	2
33	How to Perform Intra-Operative Contrast-Enhanced Ultrasound of the Brain-A WFUMB Position Paper. <i>Ultrasound in Medicine and Biology</i> , 2021 , 47, 2006-2016	3.5	2
32	Lipomatosis of nerve and overgrowth syndrome: an intriguing and still unclear correlation. <i>Acta Neurochirurgica</i> , 2019 , 161, 1085-1086	3	1
31	Letter to the Editor Regarding "The Diagnostic Properties of Intraoperative Ultrasound in Glioma Surgery and Factors Associated with Gross Total Tumor Resection". <i>World Neurosurgery</i> , 2019 , 125, 553-554	2.1	1
30	Letter: The Presence and Persistence of Unrealistic Expectations in Patients Undergoing Nerve Surgery. <i>Neurosurgery</i> , 2020 , 86, E469-E470	3.2	1
29	Can Low-Intensity Pulsed Ultrasound Treat Discrete Pulmonary Lesions in Patients With COVID-19?. <i>Journal of Ultrasound in Medicine</i> , 2021 , 40, 1445-1450	2.9	1
28	Choline PET/CT and intraoperative management of primary brain tumors. New insights for contemporary neurosurgery. <i>Clinical and Translational Imaging</i> , 2020 , 8, 401-404	2	1
27	Letter: Posterior Vertebral Column Subtraction Osteotomy for Recurrent Tethered Cord Syndrome: A Multicenter, Retrospective Analysis. <i>Neurosurgery</i> , 2021 , 89, E135-E136	3.2	1
26	Characteristics of Moyamoya Disease in the Older Population: Is It Possible to Define a Typical Presentation and Optimal Therapeutical Management?. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
25	Sleeve-Shaped Neurothekeoma of the Ulnar Nerve: A Unique Case of a Still Unclear Pathological Entity. <i>Hand</i> , 2020 , 15, NP7-NP10	1.4	1
24	Alternatives to Pharmacological and Psychotherapeutic Treatments in Psychiatric Disorders. <i>Psychiatry International</i> , 2021 , 2, 1-24	0.8	1
23	Mechano-Biological Features in a Patient-Specific Computational Model of Glioblastoma. <i>Neuromethods</i> , 2021 , 265-287	0.4	1
22	Multiparametric Intraoperative Ultrasound in Oncological Neurosurgery: A Pictorial Essay.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 881661	5.1	1

21	What is the advantage of using sodium fluorescein during resection of peripheral nerve tumors?. <i>Acta Neurochirurgica</i> , 2020 , 162, 1153-1155	3	0
20	Trigeminal interfascicular neurolysis (nerve combing) for refractory recurrent neuralgia in multiple sclerosis. <i>Neurosurgical Focus Video</i> , 2020 , 3, V3	0.1	0
19	In Situ Side-to-Side Pericallosal-Pericallosal Artery and Callosomarginal-Callosomarginal Artery Bypasses for Complex Distal Anterior Cerebral Artery Aneurysms: A Technical Note. <i>Operative Neurosurgery</i> , 2020 , 19, E487-E495	1.6	0
18	Contrast-Enhanced Ultrasound Assisted Surgery of Intramedullary Spinal Cord Tumors: Analysis of Technical Benefits and Intra-operative Microbubble Distribution Characteristics. <i>Ultrasound in Medicine and Biology</i> , 2021 , 47, 398-407	3.5	0
17	Surgical treatment and clinical outcome of large pediatric interhemispheric cysts with callosal agenesis: A systematic literature review with four additional patients. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 204, 106600	2	0
16	Letter to the Editor Regarding "The Radiological Imaging Features of Easily Misdiagnosed Epithelioid Glioblastoma in Seven Patients". <i>World Neurosurgery</i> , 2019 , 125, 544-545	2.1	
15	Letter to the Editor Regarding "Intracranial-Intracranial Bypass Using a Y-Shaped Artery Graft for Growing Unruptured Gemella morbillorum Infectious Aneurysm on Artery Supplying Sensory Cortex". <i>World Neurosurgery</i> , 2020 , 143, 596-597	2.1	
14	Common peroneal nerve entrapment: the need for a complete assessment before surgery. <i>Acta Neurochirurgica</i> , 2020 , 162, 1925-1926	3	
13	Unique combination of myxopapillary ependymoma and conus lipoma with subcutaneous extension in an 11-month-old child. <i>Child's Nervous System</i> , 2018 , 34, 597-599	1.7	
12	Malignant Behavior of a Craniopharyngioma. <i>Neurosurgery Quarterly</i> , 2014 , 24, 263-266		
11	Minimally Invasive Carpal Tunnel Release: A Technical Note and a 20-Year Retrospective Series.. <i>Cureus</i> , 2022 , 14, e21426	1.2	
10	Role of deep brain stimulation in management of psychiatric disorders.. <i>Progress in Brain Research</i> , 2022 , 270, 61-96	2.9	
9	Intraoperative Contrast-Enhanced Ultrasound in the Pediatric Neurosurgical Patient 2021 , 225-244		
8	Letter to the Editor. The COVID-19 pandemic in Singapore. <i>Journal of Neurosurgery</i> , 2020 , 1-2	3.2	
7	Letter to the Editor. Treatment of spontaneous anterior interosseous nerve palsy. <i>Journal of Neurosurgery</i> , 2020 , 1-2	3.2	
6	Commentary: Symptomatic Primary Tethered Optic Chiasm: Technical Case Report. <i>Operative Neurosurgery</i> , 2020 , 19, E446-E447	1.6	
5	Commentary: Demonstration of Microsurgical Technique and Nuances for the Resection of a Midbrain Tectal Glioma via the Transcollicular Approach: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E306-E307	1.6	
4	The effect of ozone injection within a common peroneal nerve schwannoma: A mistreatment due to a misdiagnosis. <i>Surgical Neurology International</i> , 2020 , 11, 413	1	

3	Exploring Cerebro-Spinal Fluid Dynamics as a Tool to Improve Clinical Outcomes in Traumatic Brain Injuries. <i>World Neurosurgery</i> , 2019 , 121, 290	2.1
2	Dynamic Intraoperative Assessment of Draining Veins in Parasagittal Meningiomas: Changing the Paradigm?. <i>World Neurosurgery</i> , 2018 , 118, 399	2.1
1	Letter to the Editor. Spinal column shortening for secondary TCS. <i>Journal of Neurosurgery: Pediatrics</i> , 2021 , 1-2	2.1