

Ignazio Gaspare Vetrano

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,164
citations

430442

18
h-index

433756

31
g-index

83
all docs

83
docs citations

83
times ranked

1125
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of residual tumor with intraoperative contrast-enhanced ultrasound during glioblastoma resection. <i>Neurosurgical Focus</i> , 2016, 40, E7.	1.0	99
2	Preoperative Magnetic Resonance and Intraoperative Ultrasound Fusion Imaging for Real-Time Neuronavigation in Brain Tumor Surgery. <i>Ultraschall in Der Medizin</i> , 2015, 36, 174-186.	0.8	86
3	Intraoperative Cerebral Glioma Characterization with Contrast Enhanced Ultrasound. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	71
4	Fusion imaging for intra-operative ultrasound-based navigation in neurosurgery. <i>Journal of Ultrasound</i> , 2014, 17, 243-251.	0.7	60
5	Advanced Ultrasound Imaging in Glioma Surgery: Beyond Gray-Scale B-mode. <i>Frontiers in Oncology</i> , 2018, 8, 576.	1.3	60
6	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.	0.6	51
7	Intraoperative Strain Elastosonography in Brain Tumor Surgery. <i>Operative Neurosurgery</i> , 2019, 17, 227-236.	0.4	48
8	From Grey Scale B-Mode to Elastosonography: Multimodal Ultrasound Imaging in Meningioma Surgeryâ€”Pictorial Essay and Literature Review. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	47
9	The utilization of fluorescein in brain tumor surgery: a systematic review. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 690-703.	0.3	43
10	Intraoperative Navigated Angiosonography for Skull Base Tumor Surgery. <i>World Neurosurgery</i> , 2015, 84, 1699-1707.	0.7	39
11	Craniotomy vs. craniectomy for posterior fossa tumors: a prospective study to evaluate complications after surgery. <i>Acta Neurochirurgica</i> , 2013, 155, 2281-2286.	0.9	38
12	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.	1.0	37
13	Intraoperative ultrasound in spinal tumor surgery. <i>Journal of Ultrasound</i> , 2014, 17, 195-202.	0.7	33
14	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.	1.0	31
15	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.	1.0	28
16	Ex Vivo Fluorescein-Assisted Confocal Laser Endomicroscopy (CONVIVOÂ® System) in Patients With Glioblastoma: Results From a Prospective Study. <i>Frontiers in Oncology</i> , 2020, 10, 606574.	1.3	26
17	Chiari malformation-related headache: outcome after surgical treatment. <i>Neurological Sciences</i> , 2017, 38, 95-98.	0.9	23
18	Chiari malformation type 1-related headache: the importance of a multidisciplinary study. <i>Neurological Sciences</i> , 2017, 38, 91-93.	0.9	23

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19	In Silico Mathematical Modelling for Glioblastoma: A Critical Review and a Patient-Specific Case. <i>Journal of Clinical Medicine</i> , 2021, 10, 2169.	1.0	19
20	Stem Cell Salvage of Injured Peripheral Nerve. <i>Cell Transplantation</i> , 2015, 24, 213-222.	1.2	17
21	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.	0.7	17
22	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.	0.4	17
23	Clinical Management of Moyamoya Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 3628.	1.0	17
24	Vascular Remodeling in Moyamoya Angiopathy: From Peripheral Blood Mononuclear Cells to Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5763.	1.8	15
25	Fluorescein-guided removal of peripheral nerve sheath tumors: a preliminary analysis of 20 cases. <i>Journal of Neurosurgery</i> , 2021, 134, 260-269.	0.9	15
26	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> , 2020, 63, 679-687.	0.3	14
27	Chiari I malformation in defined genetic syndromes in children: are there common pathways?. <i>Child's Nervous System</i> , 2019, 35, 1727-1739.	0.6	13
28	Plasma Lipid Profiling Contributes to Untangle the Complexity of Moyamoya Arteriopathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13410.	1.8	11
29	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.	0.8	10
30	Piezosurgery for Infra- and Supratentorial Craniotomies in Brain Tumor Surgery. <i>World Neurosurgery</i> , 2019, 122, e1398-e1404.	0.7	10
31	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.	1.2	10
32	Confocal Laser Microscopy in Neurosurgery: State of the Art of Actual Clinical Applications. <i>Journal of Clinical Medicine</i> , 2021, 10, 2035.	1.0	10
33	Choline-PET/CT in the Differential Diagnosis Between Cystic Glioblastoma and Intraparenchymal Hemorrhage. <i>Current Radiopharmaceuticals</i> , 2019, 12, 88-92.	0.3	9
34	Multiparametric Intraoperative Ultrasound in Oncological Neurosurgery: A Pictorial Essay. <i>Frontiers in Neuroscience</i> , 2022, 16, 881661.	1.4	9
35	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, 104-109.	0.4	8
36	Fluorescein-guided resection of plexiform neurofibromas: how I do it. <i>Acta Neurochirurgica</i> , 2019, 161, 2141-2145.	0.9	8

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37	Contrast-enhanced ultrasound (CEUS) in spinal tumor surgery. <i>Acta Neurochirurgica</i> , 2018, 160, 1869-1871.	0.9	6
38	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.	0.7	6
39	Brain Tumor Resection in Elderly Patients: Potential Factors of Postoperative Worsening in a Predictive Outcome Model. <i>Cancers</i> , 2021, 13, 2320.	1.7	6
40	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, 2287.	1.0	6
41	May Cisternostomy and Glymphatic System Be Considered the Deus ex Machina of Refractory Posttraumatic Intracranial Hypertension?. <i>World Neurosurgery</i> , 2018, 117, 471-472.	0.7	5
42	In vitro assessment of radiobiology of meningioma: A pilot study. <i>Journal of Neuroscience Methods</i> , 2019, 311, 288-294.	1.3	5
43	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.	0.4	5
44	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.	0.6	5
45	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.	0.7	5
46	Intraoperative Findings in Spinal Lesions. , 2016, , 59-69.		5
47	What is the advantage of using sodium fluorescein during resection of peripheral nerve tumors?. <i>Acta Neurochirurgica</i> , 2020, 162, 1153-1155.	0.9	3
48	Letter: A Systematic Review of Deep Brain Stimulation Targets for Obsessive-Compulsive Disorder. <i>Neurosurgery</i> , 2021, 88, E456-E457.	0.6	3
49	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.	0.3	3
50	8721 POSTER Treatment of Cerebral Glioblastoma in Elderly Patients. <i>European Journal of Cancer</i> , 2011, 47, S581.	1.3	2
51	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.	0.3	2
52	Can <sc>Low</sc> Intensity Pulsed Ultrasound Treat Discrete Pulmonary Lesions in Patients With <sc>COVID</sc>? <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 1445-1450.	0.8	2
53	Alternatives to Pharmacological and Psychotherapeutic Treatments in Psychiatric Disorders. <i>Psychiatry International</i> , 2021, 2, 1-24.	0.5	2
54	Minimally Invasive Carpal Tunnel Release: A Technical Note and a 20-Year Retrospective Series. <i>Cureus</i> , 2022, 14, e21426.	0.2	2

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55	The Lipid Asset Is Unbalanced in Peripheral Nerve Sheath Tumors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 61.	1.8	2
56	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.	0.6	1
57	Dynamic Intraoperative Assessment of Draining Veins in Parasagittal Meningiomas: Changing the Paradigm?. <i>World Neurosurgery</i> , 2018, 118, 399.	0.7	1
58	Lipomatosis of nerve and overgrowth syndrome: an intriguing and still unclear correlation. <i>Acta Neurochirurgica</i> , 2019, 161, 1085-1086.	0.9	1
59	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.	0.7	1
60	Sleeve-Shaped Neurothekeoma of the Ulnar Nerve: A Unique Case of a Still Unclear Pathological Entity. <i>Hand</i> , 2020, 15, NP7-NP10.	0.7	1
61	Letter: The Presence and Persistence of Unrealistic Expectations in Patients Undergoing Nerve Surgery. <i>Neurosurgery</i> , 2020, 86, E469-E470.	0.6	1
62	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.	1.1	1
63	Letter: Posterior Vertebral Column Subtraction Osteotomy for Recurrent Tethered Cord Syndrome: A Multicenter, Retrospective Analysis. <i>Neurosurgery</i> , 2021, 89, E135-E136.	0.6	1
64	Mechano-Biological Features in a Patient-Specific Computational Model of Glioblastoma. <i>Neuromethods</i> , 2021, , 265-287.	0.2	1
65	The effect of ozone injection within a common peroneal nerve schwannoma: A mistreatment due to a misdiagnosis. , 2020, 11, 413.		1
66	Trigeminal interfascicular neurolysis (nerve combing) for refractory recurrent neuralgia in multiple sclerosis. <i>Neurosurgical Focus Video</i> , 2020, 3, V3.	0.1	1
67	Role of deep brain stimulation in management of psychiatric disorders. <i>Progress in Brain Research</i> , 2022, 270, 61-96.	0.9	1
68	Malignant Behavior of a Craniopharyngioma. <i>Neurosurgery Quarterly</i> , 2014, 24, 263-266.	0.1	0
69	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.	0.7	0
70	Exploring Cerebro-Spinal Fluid Dynamics as a Tool to Improve Clinical Outcomes in Traumatic Brain Injuries. <i>World Neurosurgery</i> , 2019, 121, 290.	0.7	0
71	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.	0.7	0
72	Common peroneal nerve entrapment: the need for a complete assessment before surgery. <i>Acta Neurochirurgica</i> , 2020, 162, 1925-1926.	0.9	0

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73	Letter to the Editor. Spinal column shortening for secondary TCS. Journal of Neurosurgery: Pediatrics, 2022, 29, 124-125.	0.8	0
74	Commentary: Symptomatic Primary Tethered Optic Chiasm: Technical Case Report. Operative Neurosurgery, 2020, 19, E446-E447.	0.4	0
75	Commentary: Demonstration of Microsurgical Technique and Nuances for the Resection of a Midbrain Tectal Glioma via the Transcollicular Approach: 3-Dimensional Operative Video. Operative Neurosurgery, 2021, 20, E306-E307.	0.4	0
76	Intraoperative Contrast-Enhanced Ultrasound in the Pediatric Neurosurgical Patient. , 2021, , 225-244.		0
77	Letter to the Editor. The COVID-19 pandemic in Singapore. Journal of Neurosurgery, 2020, 133, 1277-1278.	0.9	0
78	Letter to the Editor. Treatment of spontaneous anterior interosseous nerve palsy. Journal of Neurosurgery, 2020, 133, 1274-1275.	0.9	0
79	Advances in the In Vivo Quantitative and Qualitative Imaging Characterization of Gliomas. Cancers, 2022, 14, 3324.	1.7	0