

Alfonso Lagares

List of Publications by Year in descending order

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211
papers

6,832
citations

109321

35
h-index

82547

72
g-index

257
all docs

257
docs citations

257
times ranked

7700
citing authors

#	ARTICLE	IF	CITATIONS
1	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology</i> , The, 2017, 16, 987-1048.	10.2	1,571
2	Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI). <i>Neurosurgery</i> , 2015, 76, 67-80.	1.1	386
3	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 923-934.	10.2	304
4	Effect of COVID-19 pandemic lockdowns on planned cancer surgery for 15 tumour types in 61 countries: an international, prospective, cohort study. <i>Lancet Oncology</i> , The, 2021, 22, 1507-1517.	10.7	171
5	Elective Cancer Surgery in COVID-19 – Free Surgical Pathways During the SARS-CoV-2 Pandemic: An International, Multicenter, Comparative Cohort Study. <i>Journal of Clinical Oncology</i> , 2021, 39, 66-78.	1.6	165
6	Intracranial Hemangiopericytoma: Study of 12 Cases. <i>Acta Neurochirurgica</i> , 2001, 143, 575-586.	1.7	119
7	The Added Value of Apparent Diffusion Coefficient to Cerebral Blood Volume in the Preoperative Grading of Diffuse Gliomas. <i>American Journal of Neuroradiology</i> , 2012, 33, 701-707.	2.4	119
8	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. <i>Journal of Clinical Epidemiology</i> , 2020, 122, 95-107.	5.0	117
9	Prognostic Factors on Hospital Admission after Spontaneous Subarachnoid Haemorrhage. <i>Acta Neurochirurgica</i> , 2001, 143, 665-672.	1.7	108
10	Delaying surgery for patients with a previous SARS-CoV-2 infection. <i>British Journal of Surgery</i> , 2020, 107, e601-e602.	0.3	96
11	Variation in monitoring and treatment policies for intracranial hypertension in traumatic brain injury: a survey in 66 neurotrauma centers participating in the CENTER-TBI study. <i>Critical Care</i> , 2017, 21, 233.	5.8	88
12	Ganglioglioma of the brainstem. <i>World Neurosurgery</i> , 2001, 56, 315-322.	1.3	82
13	Comparison between perimesencephalic nonaneurysmal subarachnoid hemorrhage and subarachnoid hemorrhage caused by posterior circulation aneurysms. <i>Journal of Neurosurgery</i> , 2003, 98, 529-535.	1.6	74
14	Traumatic Intracerebral Hemorrhage: Risk Factors Associated with Progression. <i>Journal of Neurotrauma</i> , 2015, 32, 1246-1253.	3.4	71
15	Interhemispheric hygroma after decompressive craniectomy: does it predict posttraumatic hydrocephalus?. <i>Journal of Neurosurgery</i> , 2010, 113, 1287-1293.	1.6	69
16	Tracheostomy practice and timing in traumatic brain-injured patients: a CENTER-TBI study. <i>Intensive Care Medicine</i> , 2020, 46, 983-994.	8.2	68
17	The role of MR imaging in assessing prognosis after severe and moderate head injury. <i>Acta Neurochirurgica</i> , 2009, 151, 341-356.	1.7	60
18	A Prognostic Model Based on Preoperative MRI Predicts Overall Survival in Patients with Diffuse Gliomas. <i>American Journal of Neuroradiology</i> , 2014, 35, 1096-1102.	2.4	58

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19	Severe Traumatic Head Injury: Prognostic Value of Brain Stem Injuries Detected at MRI. <i>American Journal of Neuroradiology</i> , 2012, 33, 1925-1931.	2.4	57
20	Predicting the Outcome of Patients With Subarachnoid Hemorrhage Using Machine Learning Techniques. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009, 13, 794-801.	3.2	54
21	Basic Principles of Hemodynamics and Cerebral Aneurysms. <i>World Neurosurgery</i> , 2016, 88, 311-319.	1.3	54
22	Neuron numbers in the sensory trigeminal nuclei of the rat: A GABA- and glycine-immunocytochemical and stereological analysis. <i>Journal of Comparative Neurology</i> , 2005, 493, 538-553.	1.6	52
23	Variation in general supportive and preventive intensive care management of traumatic brain injury: a survey in 66 neurotrauma centers participating in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) study. <i>Critical Care</i> , 2018, 22, 90.	5.8	52
24	Variation in Structure and Process of Care in Traumatic Brain Injury: Provider Profiles of European Neurotrauma Centers Participating in the CENTER-TBI Study. <i>PLoS ONE</i> , 2016, 11, e0161367.	2.5	50
25	Pannus resolution after occipitocervical fusion in a non-rheumatoid atlanto-axial instability. <i>European Spine Journal</i> , 2006, 15, 366-369.	2.2	49
26	Cranioplasty after decompressive craniectomy. A prospective series analyzing complications and clinical improvement. <i>Neurocirugia</i> , 2015, 26, 115-125.	0.4	49
27	A comparison of different grading scales for predicting outcome after subarachnoid haemorrhage. <i>Acta Neurochirurgica</i> , 2005, 147, 5-16.	1.7	46
28	Lhermitte-Duclos disease and Cowden disease: clinical and genetic study in five patients with Lhermitte-Duclos disease and literature review. <i>Acta Neurochirurgica</i> , 2004, 146, 679-90.	1.7	45
29	Primary Sensory Neuron Addition in the Adult Rat Trigeminal Ganglion: Evidence for Neural Crest Clio-Neuronal Precursor Maturation. <i>Journal of Neuroscience</i> , 2007, 27, 7939-7953.	3.6	45
30	Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic. <i>British Journal of Surgery</i> , 2021, 108, 88-96.	0.3	45
31	Variation in neurosurgical management of traumatic brain injury: a survey in 68 centers participating in the CENTER-TBI study. <i>Acta Neurochirurgica</i> , 2019, 161, 435-449.	1.7	43
32	Recurrent Subdural Haematomas in a Patient with Spontaneous Intracranial Hypotension. <i>Cephalalgia</i> , 2001, 21, 703-705.	3.9	41
33	Basal ganglia hematomas in severely head injured patients: clinicoradiological analysis of 37 cases. <i>Journal of Neurosurgery</i> , 2001, 94, 224-232.	1.6	40
34	Promoting in vivo remyelination with small molecules: a neuroreparative pharmacological treatment for Multiple Sclerosis. <i>Scientific Reports</i> , 2017, 7, 43545.	3.3	40
35	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 20, 627-638.	10.2	40
36	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 235-251.	3.4	39

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37	Supervised Machine Learning Methods and Hyperspectral Imaging Techniques Jointly Applied for Brain Cancer Classification. <i>Sensors</i> , 2021, 21, 3827.	3.8	39
38	Validation of a prognostic score for early mortality in severe head injury cases. <i>Journal of Neurosurgery</i> , 2014, 121, 1314-1322.	1.6	38
39	IDIOPATHIC SUBARACHNOID HEMORRHAGE AND VENOUS DRAINAGE. <i>Neurosurgery</i> , 2008, 63, 1106-1112.	1.1	37
40	Volumetric analysis of subarachnoid hemorrhage: assessment of the reliability of two computerized methods and their comparison with other radiographic scales. <i>Journal of Neurosurgery</i> , 2013, 118, 84-93.	1.6	37
41	Cervical Spinal Cord Injury without Computed Tomography Evidence of Trauma in Adults: Magnetic Resonance Imaging Prognostic Factors. <i>World Neurosurgery</i> , 2017, 99, 192-199.	1.3	37
42	MRI Prognostication Factors in the Setting of Cervical Spinal Cord Injury Secondary to Trauma. <i>World Neurosurgery</i> , 2017, 101, 623-632.	1.3	36
43	Explaining Outcome Differences between Men and Women following Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 3315-3331.	3.4	34
44	Effect of frailty on 6-month outcome after traumatic brain injury: a multicentre cohort study with external validation. <i>Lancet Neurology</i> , The, 2022, 21, 153-162.	10.2	34
45	Meningiomas of the basal posterior fossa. Surgical experience in 80 cases. <i>Neurocirugia</i> , 2004, 15, 525-542.	0.4	33
46	Acute perfusion changes after spontaneous SAH: a perfusion CT study. <i>Acta Neurochirurgica</i> , 2012, 154, 405-412.	1.7	33
47	Posterior Fossa Decompression and Clot Evacuation for Fourth Ventricle Hemorrhage after Aneurysmal Rupture: Case Report. <i>Neurosurgery</i> , 2001, 49, 208-211.	1.1	32
48	The Value of Sequential Computed Tomography Scanning in Anticoagulated Patients Suffering From Minor Head Injury. <i>Journal of Trauma</i> , 2010, 68, 895-898.	2.3	32
49	Spinal Cord Injury after Blunt Cervical Spine Trauma: Correlation of Soft-Tissue Damage and Extension of Lesion. <i>American Journal of Neuroradiology</i> , 2014, 35, 1029-1034.	2.4	32
50	Cerebral microarteriovenous malformations: a series of 28 cases. <i>Journal of Neurosurgery</i> , 2013, 119, 594-602.	1.6	31
51	Brainstem Gliomas. <i>Seminars in Ultrasound, CT and MRI</i> , 2013, 34, 104-112.	1.5	31
52	Changing care pathways and between-center practice variations in intensive care for traumatic brain injury across Europe: a CENTER-TBI analysis. <i>Intensive Care Medicine</i> , 2020, 46, 995-1004.	8.2	31
53	Occurrence and timing of withdrawal of life-sustaining measures in traumatic brain injury patients: a CENTER-TBI study. <i>Intensive Care Medicine</i> , 2021, 47, 1115-1129.	8.2	31
54	Cerebral aneurysm rupture after r-TPA thrombolysis for acute myocardial infarction. <i>World Neurosurgery</i> , 1999, 52, 623-626.	1.3	30

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55	Central versus Local Radiological Reading of Acute Computed Tomography Characteristics in Multi-Center Traumatic Brain Injury Research. <i>Journal of Neurotrauma</i> , 2019, 36, 1080-1092.	3.4	30
56	Incidence, Risk Factors, and Effects on Outcome of Ventilator-Associated Pneumonia in Patients With Traumatic Brain Injury. <i>Chest</i> , 2020, 158, 2292-2303.	0.8	30
57	Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: the COVIDSurg mortality score. <i>British Journal of Surgery</i> , 2021, 108, 1274-1292.	0.3	30
58	Contrecoup Traumatic Intracerebral Hemorrhage: A Geometric Study of the Impact Site and Association with Hemorrhagic Progression. <i>Journal of Neurotrauma</i> , 2016, 33, 1034-1046.	3.4	29
59	Death following pulmonary complications of surgery before and during the SARS-CoV-2 pandemic. <i>British Journal of Surgery</i> , 2021, 108, 1448-1464.	0.3	29
60	Serum metabolome associated with severity of acute traumatic brain injury. <i>Nature Communications</i> , 2022, 13, 2545.	12.8	29
61	Intratumoural bleomycin as a treatment for recurrent cystic craniopharyngioma. Case report and review of the literature. <i>Neurocirugia</i> , 2002, 13, 479-485.	0.4	27
62	Early transcranial Doppler after subarachnoid hemorrhage: clinical and radiological correlations. <i>World Neurosurgery</i> , 2006, 65, 247-252.	1.3	27
63	Prognostic value of corpus callosum injuries in severe head trauma. <i>Acta Neurochirurgica</i> , 2017, 159, 25-32.	1.7	27
64	Endoscopic Transnasal Trans-Sphenoidal Approach for Pituitary Adenomas: A Comparison to the Microscopic Approach Cohort by Propensity Score Analysis. <i>Neurosurgery</i> , 2020, 86, 348-356.	1.1	27
65	Chitinase-3-Like Protein 1, Serum Amyloid A1, C-Reactive Protein, and Procalcitonin Are Promising Biomarkers for Intracranial Severity Assessment of Traumatic Brain Injury: Relationship with Glasgow Coma Scale and Computed Tomography Volumetry. <i>World Neurosurgery</i> , 2020, 134, e120-e143.	1.3	26
66	Surgery versus conservative treatment for traumatic acute subdural haematoma: a prospective, multicentre, observational, comparative effectiveness study. <i>Lancet Neurology</i> , The, 2022, 21, 620-631.	10.2	26
67	Dural arteriovenous fistula presenting as brainstem ischaemia. <i>Acta Neurochirurgica</i> , 2007, 149, 965-967.	1.7	24
68	Utilidad de la TAC secuencial y la monitorizaci3n de la presi3n intracraneal para detectar nuevo efecto masa intracraneal en pacientes con traumatismo craneal grave y lesi3n inicial Tipo I-II. <i>Neurocirugia</i> , 2005, 16, 217-234.	0.4	23
69	Trends in epidemiological and clinical characteristics in severe traumatic brain injury: Analysis of the past 25 years of a single centre data base. <i>Neurocirugia</i> , 2014, 25, 199-210.	0.4	23
70	Prognostic Value of the Amount of Bleeding After Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2015, 77, 898-907.	1.1	23
71	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. <i>Journal of Neurotrauma</i> , 2021, 38, 2514-2529.	3.4	23
72	Outcome Prediction after Moderate and Severe Traumatic Brain Injury: External Validation of Two Established Prognostic Models in 1742 European Patients. <i>Journal of Neurotrauma</i> , 2021, 38, 1377-1388.	3.4	23

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73	The Effect of Cranioplasty on Cerebral Hemodynamics as Measured by Perfusion Computed Tomography and Doppler Ultrasonography. <i>Journal of Neurotrauma</i> , 2016, 33, 1586-1597.	3.4	22
74	Normal pressure subdural hygroma with mass effect as a complication of decompressive craniectomy. <i>Journal of Neurotrauma</i> , 2011, 2, 88.		22
75	Global Characterisation of Coagulopathy in Isolated Traumatic Brain Injury (iTBI): A CENTER-TBI Analysis. <i>Neurocritical Care</i> , 2021, 35, 184-196.	2.4	21
76	Lateral asymmetries in the trigeminal ganglion of the male rat. <i>Brain Research</i> , 2000, 865, 202-210.	2.2	20
77	Short-lasting Unilateral Neuralgiform Headache with Conjunctival Injection and Tearing Syndrome Treated with Microvascular Decompression of the Trigeminal Nerve: Case Report. <i>Neurosurgery</i> , 2005, 56, E413-E413.	1.1	20
78	Typical trigeminal neuralgia associated with brainstem white matter lesions on MRI in patients without criteria of multiple sclerosis. <i>Acta Neurochirurgica</i> , 2008, 150, 1157-1161.	1.7	20
79	Toward a New Multi-Dimensional Classification of Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research for Traumatic Brain Injury Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1002-1010.	3.4	20
80	Prediction of Global Functional Outcome and Post-Concussive Symptoms after Mild Traumatic Brain Injury: External Validation of Prognostic Models in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) Study. <i>Journal of Neurotrauma</i> , 2021, 38, 196-209.	3.4	20
81	Base de datos multicéntrica de hemorragia subaracnoidea espontánea del Grupo de Trabajo de Patología Vascular de la Sociedad Española de Neurocirugía: presentación, criterios de inclusión y desarrollo de una base de datos en internet. <i>Neurocirugía</i> , 2008, 19, 405-415.	0.4	19
82	Intradural extramedullary spinal hydatidosis: case report. <i>Neurocirugía</i> , 2009, 20, 282-287.	0.4	19
83	Predicting Outcomes after Severe and Moderate Traumatic Brain Injury: An External Validation of Impact and Crash Prognostic Models in a Large Spanish Cohort. <i>Journal of Neurotrauma</i> , 2016, 33, 1598-1606.	3.4	19
84	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , 2020, 125, 505-517.	3.4	19
85	The burden of traumatic brain injury from low-energy falls among patients from 18 countries in the CENTER-TBI Registry: A comparative cohort study. <i>PLoS Medicine</i> , 2021, 18, e1003761.	8.4	19
86	Bilateral Posterior Fossa Subdural Haematomas Secondary to Anticoagulant Therapy. <i>Acta Neurochirurgica</i> , 1998, 140, 1097-1098.	1.7	18
87	Ruptured dissecting cerebral aneurysms in young people: report of three cases. <i>Acta Neurochirurgica</i> , 2010, 152, 1511-1517.	1.7	18
88	Early outcomes and complications following cardiac surgery in patients testing positive for coronavirus disease 2019: An international cohort study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, e355-e372.	0.8	18
89	Resonancia magnética en trauma craneal moderado y grave: estudio comparativo de hallazgos en TC y RM. Características relacionadas con la presencia y localización de lesión axonal difusa en RM. <i>Neurocirugía</i> , 2006, 17, 105-118.	0.4	17
90	Spontaneous hemorrhage into a lumbar synovial cyst. <i>European Spine Journal</i> , 2010, 19, 190-192.	2.2	16

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91	El desarrollo del proceso de "Bologna" y el Grado de Medicina. Situación actual y expectativas para su implantación definitiva. Neurocirugía, 2010, 21, 146-156.	0.4	16
92	Missing Data in Prediction Research: A Five-Step Approach for Multiple Imputation, Illustrated in the CENTER-TBI Study. Journal of Neurotrauma, 2021, 38, 1842-1857.	3.4	16
93	Acute neurological deterioration as a result of two synchronous hemorrhagic spinal ependymomas. , 2012, 3, 33.		15
94	What Can Be Learned from Diffusion Tensor Imaging from a Large Traumatic Brain Injury Cohort?: White Matter Integrity and Its Relationship with Outcome. Journal of Neurotrauma, 2018, 35, 2365-2376.	3.4	15
95	Role of the patient comorbidity in the recurrence of chronic subdural hematomas. Neurosurgical Review, 2021, 44, 971-976.	2.4	15
96	Central Demyelination in the Pathogenesis of Trigeminal Neuralgia Associated With Cerebellopontine Angle Tumors. Neurosurgery, 2010, 66, E841-E842.	1.1	14
97	Variation in the practice of tracheal intubation in Europe after traumatic brain injury: a prospective cohort study. Anaesthesia, 2020, 75, 45-53.	3.8	14
98	Oligodendroglioma and multiple sclerosis. A case report. Neurocirugía, 2004, 15, 378-383.	0.4	13
99	Perfusion Computed Tomography in a Dural Arteriovenous Fistula Presenting With Focal Signs. Neurosurgery, 2010, 66, E226-E227.	1.1	13
100	Leakage decrease detected by dynamic susceptibility-weighted contrast-enhanced perfusion MRI predicts survival in recurrent glioblastoma treated with bevacizumab. Clinical and Translational Oncology, 2017, 19, 51-57.	2.4	13
101	The added prognostic value of magnetic resonance imaging in traumatic brain injury: The importance of traumatic axonal injury when performing ordinal logistic regression. Journal of Neuroradiology, 2019, 46, 299-306.	1.1	12
102	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. Neurorehabilitation and Neural Repair, 2020, 34, 814-830.	2.9	12
103	Comparison of Care System and Treatment Approaches for Patients with Traumatic Brain Injury in China versus Europe: A CENTER-TBI Survey Study. Journal of Neurotrauma, 2020, 37, 1806-1817.	3.4	12
104	Frequency of fatigue and its changes in the first 6 months after traumatic brain injury: results from the CENTER-TBI study. Journal of Neurology, 2021, 268, 61-73.	3.6	12
105	Study protocol for investigating the performance of an automated blood test measuring GFAP and UCH-L1 in a prospective observational cohort of patients with mild traumatic brain injury: European BRAINI study. BMJ Open, 2021, 11, e043635.	1.9	12
106	A Stereological Analysis of the Numerical Distribution of Neurons in Dorsal Root Ganglia C ₄ -T ₂ in Adult Macaque Monkeys. Somatosensory & Motor Research, 1996, 13, 59-66.	0.9	11
107	Hemorragia subaracnoidea aneurismática. Introducción a algunos de los aspectos más importantes de esta enfermedad. Neurocirugía, 2000, 11, 156-168.	0.4	11
108	Haemangiopericytoma presenting with acute intracerebral haemorrhage. Acta Neurochirurgica, 2007, 149, 415-418.	1.7	11

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109	Quality of Life After Brain Injury: Psychometric Properties of the Spanish Translation of the QoLIBRI. Evaluation and the Health Professions, 2018, 41, 456-473.	1.9	11
110	Brain death and postmortem organ donation: report of a questionnaire from the CENTER-TBI study. Critical Care, 2018, 22, 306.	5.8	11
111	Management of arterial partial pressure of carbon dioxide in the first week after traumatic brain injury: results from the CENTER-TBI study. Intensive Care Medicine, 2021, 47, 961-973.	8.2	11
112	Health care utilization and outcomes in older adults after Traumatic Brain Injury: A CENTER-TBI study. Injury, 2022, 53, 2774-2782.	1.7	11
113	Perfusion MRI grading diffuse gliomas: Impact of permeability parameters on molecular biomarkers and survival. Neurocirugia, 2019, 30, 11-18.	0.4	10
114	How do 66 European institutional review boards approve one protocol for an international prospective observational study on traumatic brain injury? Experiences from the CENTER-TBI study. BMC Medical Ethics, 2020, 21, 36.	2.4	10
115	Ligaments disruption: a new perspective in the prognosis of spinal cord injury. Neural Regeneration Research, 2014, 9, 456.	3.0	10
116	Global Cerebral Edema After Subarachnoid Hemorrhage. Stroke, 2002, 33, 2153-2154.	2.0	9
117	Tumefactive multiple sclerosis requiring emergency craniotomy: Case report and literature review. Neurocirugia, 2013, 24, 220-224.	0.4	9
118	Serum Amyloid A1 as a Potential Intracranial and Extracranial Clinical Severity Biomarker in Traumatic Brain Injury. Journal of Intensive Care Medicine, 2020, 35, 1180-1195.	2.8	9
119	Reduction in the infection rate of cranioplasty with a tailored antibiotic prophylaxis: a nonrandomized study. Acta Neurochirurgica, 2020, 162, 2857-2866.	1.7	9
120	Epidural Haematoma after Lumbar Disc Surgery Causing Radiculopathy. Acta Neurochirurgica, 1999, 141, 1239-1240.	1.7	8
121	Traumatic cervical central cord syndrome due to intramedullary hemorrhage studied with MRI: case presentation. European Spine Journal, 2002, 11, 294-297.	2.2	8
122	Trigeminothalamic barrelette neurons: natural structural side asymmetries and sensory input-dependent plasticity in adult rats. Neuroscience, 2009, 163, 1242-1254.	2.3	8
123	Effect of decompressive craniectomy in the postoperative expansion of traumatic intracerebral hemorrhage: a propensity score-based analysis. Journal of Neurosurgery, 2020, 132, 1623-1635.	1.6	8
124	True Dural Spinal Epidural Cysts: Report of 5 Cases. World Neurosurgery, 2020, 135, 87-95.	1.3	8
125	Efficacy of Ronoplerin (VAS203) in Patients with Moderate and Severe Traumatic Brain Injury (NOSTRA) Tj ETQq1 1 0.784314 rgBT /Ove multi-centre study. Trials, 2020, 21, 80.	1.6	8
126	Primary versus early secondary referral to a specialized neurotrauma center in patients with moderate/severe traumatic brain injury: a CENTER TBI study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 113.	2.6	8

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127	Informed consent procedures in patients with an acute inability to provide informed consent: Policy and practice in the CENTER-TBI study. <i>Journal of Critical Care</i> , 2020, 59, 6-15.	2.2	8
128	Endovascular treatment of a true posterior communicating artery aneurysm. , 2014, 5, 447.		7
129	Intradural-Extramedullary Capillary Hemangioma with Acute Bleeding: Case Report and Literature Review. <i>World Neurosurgery</i> , 2017, 108, 988.e7-988.e14.	1.3	7
130	Consenso internacional sobre la monitorización de la presión tisular cerebral de oxígeno en pacientes neurocríticos. <i>Neurocirugía</i> , 2020, 31, 24-36.	0.4	7
131	GoRG: Towards a GPU-Accelerated Multiview Hyperspectral Depth Estimation Tool for Medical Applications. <i>Sensors</i> , 2021, 21, 4091.	3.8	7
132	Spinal tanycytic ependymoma associated with neurofibromatosis type 2. , 2014, 33, 311-4.		7
133	Comparative effectiveness of intracranial hypertension management guided by ventricular versus intraparenchymal pressure monitoring: a CENTER-TBI study. <i>Acta Neurochirurgica</i> , 2022, 164, 1693-1705.	1.7	7
134	Serum assessment of traumatic axonal injury: the correlation of GFAP, t-Tau, UCH-L1, and NfL levels with diffusion tensor imaging metrics and its prognosis utility. <i>Journal of Neurosurgery</i> , 2023, 138, 454-464.	1.6	7
135	Trauma craneal leve en adultos. Revisión de la literatura. <i>Neurocirugía</i> , 2000, 11, 351-363.	0.4	6
136	Tratamiento quirúrgico de la hemorragia intracerebral espontánea. Parte I: Hemorragia supratentorial. <i>Neurocirugía</i> , 2008, 19, 12-24.	0.4	6
137	Tratamiento quirúrgico de la hemorragia intracerebral espontánea. Parte II: Hemorragia infratentorial. <i>Neurocirugía</i> , 2008, 19, 101-112.	0.4	6
138	Longitudinal Analysis of Corpus Callosum Diffusion Tensor Imaging Metrics and Its Association with Neurological Outcome. <i>Journal of Neurotrauma</i> , 2019, 36, 2785-2802.	3.4	6
139	Trastornos del sueño en el traumatismo craneoencefálico. <i>Neurocirugía</i> , 2021, 32, 178-187.	0.4	6
140	Tailoring Multi-Dimensional Outcomes to Level of Functional Recovery after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2022, 39, 1363-1381.	3.4	6
141	Colecciones subdurales postraumáticas: presentación de un caso y revisión de la literatura. <i>Neurocirugía</i> , 2004, 15, 67-71.	0.4	5
142	Grading of Subarachnoid Hemorrhage: Modification of the World Federation of Neurosurgical Societies Scale on the Basis of Data for a Large Series of Patients. <i>Neurosurgery</i> , 2005, , E873.	1.1	5
143	Primary melanoma of the cauda equina: Case report and review of the literature. <i>Neurocirugía</i> , 2012, 23, 112-115.	0.4	5
144	Serum Amyloid A1/Toll-Like Receptor-4 Axis, an Important Link between Inflammation and Outcome of TBI Patients. <i>Biomedicines</i> , 2021, 9, 599.	3.2	5

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145	Densitometric analysis of brain computed tomography as a new prognostic factor in patients with acute subdural hematoma. <i>Journal of Neurosurgery</i> , 2021, 134, 1940-1950.	1.6	5
146	Traumatic axonal injury: is the prognostic information produced by conventional MRI and DTI complementary or supplementary?. <i>Journal of Neurosurgery</i> , 2022, 136, 242-256.	1.6	5
147	Questionnaires vs Interviews for the Assessment of Global Functional Outcomes After Traumatic Brain Injury. <i>JAMA Network Open</i> , 2021, 4, e2134121.	5.9	5
148	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. <i>Brain and Spine</i> , 2022, 2, 100854.	0.1	5
149	Final outcome trends in severe traumatic brain injury: a 25-year analysis of single center data. <i>Acta Neurochirurgica</i> , 2018, 160, 2291-2302.	1.7	4
150	Positive Outcome of Endoscopic Third Ventriculostomy in Fourth Ventricular Outlet Obstruction. <i>World Neurosurgery</i> , 2019, 132, 135-137.	1.3	4
151	Health-related quality of life after traumatic brain injury: deriving value sets for the QOLIBRI-OS for Italy, The Netherlands and The United Kingdom. <i>Quality of Life Research</i> , 2020, 29, 3095-3107.	3.1	4
152	Quality indicators for patients with traumatic brain injury in European intensive care units: a CENTER-TBI study. <i>Critical Care</i> , 2020, 24, 78.	5.8	4
153	Persistent postconcussive symptoms in children and adolescents with mild traumatic brain injury receiving initial head computed tomography. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 538-547.	1.3	4
154	Sleep disorders in traumatic brain injury. <i>Neurocirug�a (English Edition)</i> , 2021, 32, 178-187.	0.2	4
155	Factors predicting outcome of surgical treatment of spontaneous spinal hematomas: a retrospective cohort study in four tertiary reference centers. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 44-51.	0.6	4
156	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis. <i>Neurocritical Care</i> , 2022, 36, 927-941.	2.4	4
157	Editorial: Microarteriovenous malformations. <i>Journal of Neurosurgery</i> , 2013, 119, 591-593.	1.6	3
158	Symptomatic ptosis cerebelli after suboccipital craniectomy in a patient with severe brain trauma. <i>Brain Injury</i> , 2017, 31, 1294-1297.	1.2	3
159	Trends in computed tomography characteristics, intracranial pressure monitoring and surgical management in severe traumatic brain injury: Analysis of a data base of the past 25 years in a neurosurgery department. <i>Neurocirug�a (English Edition)</i> , 2017, 28, 1-14.	0.2	3
160	Reliability and accuracy assessment of morphometric measurements obtained with software for three-dimensional reconstruction of brain aneurysms relative to cerebral angiography measures. <i>Interventional Neuroradiology</i> , 2021, 27, 191-199.	1.1	3
161	The influence of aneurysm morphology on the volume of hemorrhage after rupture. <i>Journal of Neurosurgery</i> , 2022, 136, 1015-1023.	1.6	3
162	Accuracy of percutaneous pedicle screws for thoracic and lumbar spine fractures compared with open technique. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 38-46.	0.6	3

#	ARTICLE	IF	CITATIONS
163	Implant Microbial Colonization Detected by Sonication as a Cause for Spinal Device Failure. <i>Spine</i> , 2021, 46, 1485-1494.	2.0	3
164	Multiclass Brain Tumor Classification Using Hyperspectral Imaging and Supervised Machine Learning. , 2020, , .		3
165	Variability in the indication of brain CT scan after mild traumatic brain injury. A transnational survey. <i>European Journal of Trauma and Emergency Surgery</i> , 2023, 49, 1189-1198.	1.7	3
166	Vibrational Spectroscopy for the Triage of Traumatic Brain Injury Computed Tomography Priority and Hospital Admissions. <i>Journal of Neurotrauma</i> , 2022, 39, 773-783.	3.4	3
167	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. <i>Neurocritical Care</i> , 2021, , 1.	2.4	3
168	Intracranial Pressure Monitoring in Patients With Severe Traumatic Brain Injury: Extension of the Recommendations and the Effect on Outcome by Propensity Score Matching. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .	1.1	3
169	Parosteal osteosarcoma of the skull. <i>Neurocirugia</i> , 2001, 12, 521-524.	0.4	2
170	Acute Confusional Syndrome and Hypopituitarism Produced by a Giant Aneurysm of Internal Carotid Artery. <i>American Journal of the Medical Sciences</i> , 2013, 346, 147.	1.1	2
171	Single Case Study: Neuropsychological Functioning in a Patient Diagnosed with Intermittent Explosive Disorder Pre and Post Neurosurgery. <i>Spanish Journal of Psychology</i> , 2016, 19, E21.	2.1	2
172	In Reply to "Spinal Cord Injury without Radiographic Abnormality in Adults". <i>World Neurosurgery</i> , 2017, 101, 799-800.	1.3	2
173	De Novo Cavernous Malformation Associated with a Pre-existing Developmental Venous Anomaly. <i>Clinical Neuroradiology</i> , 2020, 30, 181-184.	1.9	2
174	Dexamethasone for the treatment of traumatic brain injured patients with brain contusions and pericontusional edema. <i>Medicine (United States)</i> , 2021, 100, e24206.	1.0	2
175	Apathetic symptoms and white matter integrity after traumatic brain injury. <i>Brain Injury</i> , 2021, 35, 1043-1053.	1.2	2
176	Pharmacokinetic variability of eslicarbazepine in real clinical practice. <i>Epilepsy and Behavior</i> , 2021, 124, 108284.	1.7	2
177	Clinical improvement after cranioplasty and its relation to body position and cerebral hemodynamics. <i>Neurosurgical Review</i> , 2022, 45, 1463-1472.	2.4	2
178	Negative regulation by proBDNF signaling of peripheral neurogenesis in the sensory ganglia of adult rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112273.	5.6	2
179	Premio Sixto Obrador SENEC 2019: el uso de la secuencia tensor de difusión como herramienta pronóstica en los pacientes con traumatismo craneoencefálico grave y moderado. Parte I. Análisis de las características del tensor de difusión realizado durante la fase subaguda precoz. <i>Neurocirugia</i> , 2020, 31, 132-145.	0.4	2
180	Comentario al trabajo Influencia de los cambios de presión atmosférica y otras variables meteorológicas en la incidencia de la hemorragia subaracnoidea de E. Baño Ruiz y cols.. <i>Neurocirugia</i> , 2010, 21, 20-21.	0.4	1

#	ARTICLE	IF	CITATIONS
181	Letter to the Editor: Interhemispheric hygroma. <i>Journal of Neurosurgery</i> , 2011, 115, 194-195.	1.6	1
182	Magnetic resonance in traumatic brain injury: A comparative study of the different conventional magnetic resonance imaging sequences and their diagnostic value in diffuse axonal injury. <i>Neurocirug�a (English Edition)</i> , 2017, 28, 266-275.	0.2	1
183	Transcranial cerebellar herniation following craniotomy: Case report and literature review. <i>Neurocirug�a</i> , 2019, 30, 294-299.	0.4	1
184	Sixto Obrador SENECA prize 2019: Utility of diffusion tensor imaging as a prognostic tool in moderate to severe traumatic brain injury. Part I. Analysis of DTI metrics performed during the early subacute stage. <i>Neurocirug�a (English Edition)</i> , 2020, 31, 132-145.	0.2	1
185	Delayed extensive brain edema caused by the growth of a giant basilar apex aneurysm treated with basilar artery obliteration: a case report. <i>BMC Neurology</i> , 2020, 20, 232.	1.8	1
186	Occult thoracic disco-ligamentous Chance fracture in computed tomography: a case report. <i>European Spine Journal</i> , 2020, 29, 149-155.	2.2	1
187	Embolization of Arteriovenous Malformations with Onyx: Clinicopathological Experience in 23 Patients. <i>Neurosurgery</i> , 2002, 51, 1525-1526.	1.1	1
188	Posterior Fossa Decompression and Clot Evacuation for Fourth Ventricle Hemorrhage after Aneurysmal Rupture: Case Report. <i>Neurosurgery</i> , 2002, 50, 1167.	1.1	1
189	PREMIO SIXTO OBRADOR SENECA 2019: El uso de la secuencia Tensor de difusi�n como herramienta pron�stica en los pacientes con traumatismo craneoencef�lico grave y moderado. Parte II: An�lisis longitudinal de las caracter�sticas del Tensor de difusi�n y su relaci�n con la evoluci�n de los pacientes. <i>Neurocirug�a</i> , 2020, 31, 231-248.	0.4	1
190	Surgery for acute subdural haematoma: the value of pre-emptive decompressive craniectomy by Propensity score analysis. <i>Journal of Neurosurgical Sciences</i> , 2020, , .	0.6	1
191	Towards GPU Accelerated HyperSpectral Depth Estimation in Medical Applications. , 2020, , .		1
192	Impact of the first wave of the SARS-CoV-2 pandemic on the outcome of neurosurgical patients: a nationwide study in Spain. <i>BMJ Open</i> , 2021, 11, e053983.	1.9	1
193	Posterior Fossa Decompression and Clot Evacuation for Fourth Ventricle Hemorrhage after Aneurysmal Rupture: Case Report. <i>Neurosurgery</i> , 2002, 50, 1167-1167.	1.1	0
194	Comentario al trabajo: Estudio morfom�trico mediante t�cnicas de imagen de la vena de Trolard en su anastomosis al seno longitudinal superior de Ar�n y cols. <i>Neurocirug�a</i> , 2004, 15, 376-377.	0.4	0
195	Comentario al trabajo: Desarrollo intraoperatorio de un hematoma extradural secundario a la evacuaci�n de otro previo de Ortega-Mart�nez y cols. <i>Neurocirug�a</i> , 2004, 15, 471.	0.4	0
196	Comentario al trabajo: Manejo actual de las malformaciones arteriovenosas. Estudio retrospectivo de 31 casos y revisi�n de la literatura de F. Mu�oz y cols. <i>Neurocirug�a</i> , 2007, 18, 404-405.	0.4	0
197	Reply:. <i>American Journal of Neuroradiology</i> , 2013, 34, E57-E57.	2.4	0
198	Coil embolization of ruptured frontopolar artery aneurysm: Case report. <i>Neurocirug�a</i> , 2014, 25, 73-76.	0.4	0

#	ARTICLE	IF	CITATIONS
199	Variability of Clinical and Angiographic Results Based on the Treatment Preference (Endovascular or) Tj ETQq1 1 0.784314 rgBT /Over the Spanish Society of Neurosurgery. World Neurosurgery, 2020, 135, e339-e349.	1.3	0
200	Protocolo de intervenci3n neuropsicol3gica en la cirugAa del paciente despierto: experiencia de 3 a±os con tumores gliales. Neurocirugia, 2020, 31, 279-288.	0.4	0
201	Hyperspectral Images Acquisition: an Efficient Capture and Processing Stitching Procedure for Medical Environments. , 2020, , .		0
202	Hemodynamic alterations following a cerebellar arteriovenous malformation resection: Case report and densitometric quantitative analysis from CT imaging. Neurocirugia, 2021, , .	0.4	0
203	In Reply: Precautions for Endoscopic Transnasal Skull Base Surgery During the COVID-19 Pandemic. Neurosurgery, 2021, 89, E133-E134.	1.1	0
204	El portafolio docente como instrumento para el discente y el docente. Educacion Medica, 0, 13, .	0.3	0
205	Examen clÅnico objetivo y estructurado formativo tras inmersi3n clÅnica precoz empleando estudiantes de sexto curso como observadores y administradores de retroalimentaci3n. Revista De La Fundaci3n Educaci3n MÅdica, 2014, 17, 179-186.	0.0	0
206	Third Ventricle Volume Predicts Functional Outcome in Chronic Subdural Hematoma. Acta Neurologica Scandinavica, 2021, 145, 249.	2.1	0
207	Opening of unusual vascular collaterals leads to early recanalization of a giant intracavernous carotid artery aneurysm following common carotid artery occlusion: A Case report and literature review. , 2020, 11, 62.		0
208	Retrocerebellar Ependymal Cyst Presenting with Obstructive Hydrocephalus in an Infant. Journal of Pediatric Neurology, 2021, 19, 343-347.	0.2	0
209	Chapter 15. Difficulties in Clinical Trials to Treat Traumatic Brain Injury and Stroke. RSC Drug Discovery Series, 0, , 263-275.	0.3	0
210	Hemodynamic alterations following a cerebellar arteriovenous malformation resection: Case report and densitometric quantitative analysis from CT imaging. NeurocirugAa (English Edition), 2022, 33, 141-148.	0.2	0
211	Reduction of Instrumentation-Related Spine Surgical Site Infections After Optimization of Surgical Techniques. A Single Center Retrospective Analysis. Global Spine Journal, 2024, 14, 438-446.	2.3	0