

Ana M Castañó Leon

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,307
citations

331670

21
h-index

168389

53
g-index

86
all docs

86
docs citations

86
times ranked

3772
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The influence of aneurysm morphology on the volume of hemorrhage after rupture. <i>Journal of Neurosurgery</i> , 2022, 136, 1015-1023.	1.6	3
3	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. <i>Brain and Spine</i> , 2022, 2, 100854.	0.1	5
4	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
5	Casemix, management, and mortality of patients receiving emergency neurosurgery for traumatic brain injury in the Global Neurotrauma Outcomes Study: a prospective observational cohort study. <i>Lancet Neurology</i> , The, 2022, 21, 438-449.	10.2	46
6	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis. <i>Neurocritical Care</i> , 2022, 36, 927-941.	2.4	4
7	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
8	Serum metabolome associated with severity of acute traumatic brain injury. <i>Nature Communications</i> , 2022, 13, 2545.	12.8	29
9	Health care utilization and outcomes in older adults after Traumatic Brain Injury: A CENTER-TBI study. <i>Injury</i> , 2022, 53, 2774-2782.	1.7	11
10	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
11	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
12	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
13	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. <i>Journal of Neurotrauma</i> , 2021, 38, 2514-2529.	3.4	23
14	Frequency of fatigue and its changes in the first 6 months after traumatic brain injury: results from the CENTER-TBI study. <i>Journal of Neurology</i> , 2021, 268, 61-73.	3.6	12
15	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
16	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
17	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
18	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

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19	Missing Data in Prediction Research: A Five-Step Approach for Multiple Imputation, Illustrated in the CENTER-TBI Study. <i>Journal of Neurotrauma</i> , 2021, 38, 1842-1857.	3.4	16
20	Management of arterial partial pressure of carbon dioxide in the first week after traumatic brain injury: results from the CENTER-TBI study. <i>Intensive Care Medicine</i> , 2021, 47, 961-973.	8.2	11
21	Primary versus early secondary referral to a specialized neurotrauma center in patients with moderate/severe traumatic brain injury: a CENTER TBI study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021, 29, 113.	2.6	8
22	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
23	Explaining Outcome Differences between Men and Women following Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 3315-3331.	3.4	34
24	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
25	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
26	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. <i>Neurocritical Care</i> , 2021, , 1.	2.4	3
27	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
28	Global Perspectives on Task Shifting and Task Sharing in Neurosurgery. <i>World Neurosurgery</i> : X, 2020, 6, 100060.	1.1	35
29	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
30	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
31	Variation in the practice of tracheal intubation in Europe after traumatic brain injury: a prospective cohort study. <i>Anaesthesia</i> , 2020, 75, 45-53.	3.8	14
32	True Dural Spinal Epidural Cysts: Report of 5 Cases. <i>World Neurosurgery</i> , 2020, 135, 87-95.	1.3	8
33	Prognostic Validation of the NINDS Common Data Elements for the Radiologic Reporting of Acute Traumatic Brain Injuries: A CENTER-TBI Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1269-1282.	3.4	10
34	Protocolo de intervención neuropsicológica en la cirugía del paciente despierto: experiencia de 3 años con tumores gliales. <i>Neurocirugía</i> , 2020, 31, 279-288.	0.4	0
35	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 814-830.	2.9	12
36	Reduction in the infection rate of cranioplasty with a tailored antibiotic prophylaxis: a nonrandomized study. <i>Acta Neurochirurgica</i> , 2020, 162, 2857-2866.	1.7	9

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37	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. British Journal of Anaesthesia, 2020, 125, 505-517.	3.4	19
38	Health-related quality of life after traumatic brain injury: deriving value sets for the QOLIBRI-OS for Italy, The Netherlands and The United Kingdom. Quality of Life Research, 2020, 29, 3095-3107.	3.1	4
39	Snorting the Brain Away: Cerebral Damage as an Extension of Cocaine-Induced Midline Destructive Lesions. Journal of Neuropathology and Experimental Neurology, 2020, 79, 1365-1369.	1.7	4
40	Impact of Antithrombotic Agents on Radiological Lesion Progression in Acute Traumatic Brain Injury: A CENTER-TBI Propensity-Matched Cohort Analysis. Journal of Neurotrauma, 2020, 37, 2069-2080.	3.4	22
41	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
42	Blood biomarkers on admission in acute traumatic brain injury: Relations to severity, CT findings and care path in the CENTER-TBI study. EBioMedicine, 2020, 56, 102785.	6.1	147
43	Sixto Obrador SENEC 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. Neurocirug�a (English Edition), 2020, 31, 132-145.	0.2	1
44	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
45	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. Journal of Clinical Epidemiology, 2020, 122, 95-107.	5.0	117
46	Quality indicators for patients with traumatic brain injury in European intensive care units: a CENTER-TBI study. Critical Care, 2020, 24, 78.	5.8	4
47	SIXTO OBRADOR SENEC PRIZE 2019: Utility of diffusion tensor imaging as a prognostic tool in moderate to severe traumatic brain injury. Part II: Longitudinal analysis of DTI metrics and its association with patient's outcome. Neurocirug�a (English Edition), 2020, 31, 231-248.	0.2	2
48	Incidence, Risk Factors, and Effects on Outcome of Ventilator-Associated Pneumonia in Patients With Traumatic Brain Injury. Chest, 2020, 158, 2292-2303.	0.8	30
49	Changing care pathways and between-center practice variations in intensive care for traumatic brain injury across Europe: a CENTER-TBI analysis. Intensive Care Medicine, 2020, 46, 995-1004.	8.2	31
50	Efficacy of Ronoplerin (VAS203) in Patients with Moderate and Severe Traumatic Brain Injury (NOSTRA) Tj ETQq0 0 0 rgBT /Overlock 10 multi-centre study. Trials, 2020, 21, 80.	1.6	8
51	Tracheostomy practice and timing in traumatic brain-injured patients: a CENTER-TBI study. Intensive Care Medicine, 2020, 46, 983-994.	8.2	68
52	Informed consent procedures in patients with an acute inability to provide informed consent: Policy and practice in the CENTER-TBI study. Journal of Critical Care, 2020, 59, 6-15.	2.2	8
53	Outcomes after Complicated and Uncomplicated Mild Traumatic Brain Injury at Three-and Six-Months Post-Injury: Results from the CENTER-TBI Study. Journal of Clinical Medicine, 2020, 9, 1525.	2.4	30
54	Premio Sixto Obrador SENEC 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 I. An�lisis de las caracter�sticas del tensor de difusi�n realizado durante la fase subaguda precoz. Neurocirug�a, 2020, 31, 132-145.	0.4	2

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55	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
56	Apert syndrome: Cranial procedures and brain malformations in a series of patients. , 2020, 11, 361.		1
57	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 II: Análisis longitudinal de las características del Tensor de difusión y su relación con la evolución de los pacientes. Neurocirugía. 2020. 31, 231-248.	0.4	1
58	Surgery for acute subdural haematoma: the value of pre-emptive decompressive craniectomy by Propensity score analysis. Journal of Neurosurgical Sciences, 2020, , .	0.6	1
59	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. Lancet Neurology, The, 2019, 18, 923-934.	10.2	304
60	Longitudinal Analysis of Corpus Callosum Diffusion Tensor Imaging Metrics and Its Association with Neurological Outcome. Journal of Neurotrauma, 2019, 36, 2785-2802.	3.4	6
61	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
62	Variation in neurosurgical management of traumatic brain injury: a survey in 68 centers participating in the CENTER-TBI study. Acta Neurochirurgica, 2019, 161, 435-449.	1.7	43
63	Central versus Local Radiological Reading of Acute Computed Tomography Characteristics in Multi-Center Traumatic Brain Injury Research. Journal of Neurotrauma, 2019, 36, 1080-1092.	3.4	30
64	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
65	Variation in Blood Transfusion and Coagulation Management in Traumatic Brain Injury at the Intensive Care Unit: A Survey in 66 Neurotrauma Centers Participating in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury Study. Journal of Neurotrauma, 2018, 35, 323-332.	3.4	19
66	Final outcome trends in severe traumatic brain injury: a 25-year analysis of single center data. Acta Neurochirurgica, 2018, 160, 2291-2302.	1.7	4
67	Symptomatic ptosis cerebelli after suboccipital craniectomy in a patient with severe brain trauma. Brain Injury, 2017, 31, 1294-1297.	1.2	3
68	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	10.2	1,571
69	Prognostic value of corpus callosum injuries in severe head trauma. Acta Neurochirurgica, 2017, 159, 25-32.	1.7	27
70	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. Neurocirugía (English Edition), 2017, 28, 266-275.	0.2	1
71	Basic Principles of Hemodynamics and Cerebral Aneurysms. World Neurosurgery, 2016, 88, 311-319.	1.3	54
72	Predicting Outcomes after Severe and Moderate Traumatic Brain Injury: An External Validation of Impact and Crash Prognostic Models in a Large Spanish Cohort. Journal of Neurotrauma, 2016, 33, 1598-1606.	3.4	19

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73	Pathology-confirmed cerebral arterial invasion and recurrent multiple brain metastasis from cardiac myxoma without evidence of disease after surgery and radiotherapy. , 2016, 35, 84-88.		4
74	Prognostic Value of the Amount of Bleeding After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2015, 77, 898-907.	1.1	23
75	Endovascular treatment of a true posterior communicating artery aneurysm. , 2014, 5, 447.		7
76	Trends in epidemiological and clinical characteristics in severe traumatic brain injury: Analysis of the past 25 years of a single centre data base. Neurocirugia, 2014, 25, 199-210.	0.4	23
77	Coil embolization of ruptured frontopolar artery aneurysm: Case report. Neurocirugia, 2014, 25, 73-76.	0.4	0
78	Tumefactive multiple sclerosis requiring emergency craniotomy: Case report and literature review. Neurocirugia, 2013, 24, 220-224.	0.4	9
79	Acute neurological deterioration as a result of two synchronous hemorrhagic spinal ependymomas. , 2012, 3, 33.		15
80	Dorsal myelopathy secondary to epidural fibrous scar tissue around a spinal cord stimulation electrode. Journal of Neurosurgery: Spine, 2012, 17, 598-601.	1.7	13