

Pedro A Gomez

List of Publications by Year in descending order

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105
papers

5,012
citations

136740

32
h-index

98622

67
g-index

123
all docs

123
docs citations

123
times ranked

4933
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.	0.9	7
2	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.	0.9	5
3	The influence of aneurysm morphology on the volume of hemorrhage after rupture. <i>Journal of Neurosurgery</i> , 2022, 136, 1015-1023.	0.9	3
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.	4.9	34
5	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis. <i>Neurocritical Care</i> , 2022, 36, 927-941.	1.2	4
6	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.	4.9	26
7	Serum metabolome associated with severity of acute traumatic brain injury. <i>Nature Communications</i> , 2022, 13, 2545.	5.8	29
8	Health care utilization and outcomes in older adults after Traumatic Brain Injury: A CENTER-TBI study. <i>Injury</i> , 2022, 53, 2774-2782.	0.7	11
9	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.	0.9	7
10	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, .	0.6	3
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.	1.7	20
12	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 235-251.	1.7	39
13	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.	0.7	3
14	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 627-638.	4.9	40
15	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.	3.9	31
16	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.	1.1	8
17	Explaining Outcome Differences between Men and Women following Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 3315-3331.	1.7	34
18	Questionnaires vs Interviews for the Assessment of Global Functional Outcomes After Traumatic Brain Injury. <i>JAMA Network Open</i> , 2021, 4, e2134121.	2.8	5

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19	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. <i>Neurocritical Care</i> , 2021, , 1.	1.2	3
20	Effect of decompressive craniectomy in the postoperative expansion of traumatic intracerebral hemorrhage: a propensity score–based analysis. <i>Journal of Neurosurgery</i> , 2020, 132, 1623-1635.	0.9	8
21	Serum Amyloid A1 as a Potential Intracranial and Extracranial Clinical Severity Biomarker in Traumatic Brain Injury. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 1180-1195.	1.3	9
22	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.	0.7	26
23	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. <i>World Neurosurgery</i> , 2020, 135, e339-e349.	0.7	0
24	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.	1.4	12
25	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , 2020, 125, 505-517.	1.5	19
26	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. <i>NeurocirugAa (English Edition)</i> , 2020, 31, 132-145.	0.1	1
27	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.	1.0	8
28	Premio Sixto Obrador SENEC 2019: el uso de la secuencia tensor de difusi3n como herramienta pron3stica en los pacientes con traumatismo craneoencef3lico grave y moderado. Parte I. An3lisis de las caracter3sticas del tensor de difusi3n realizado durante la fase subaguda precoz. <i>Neurocirugia</i> , 2020, 31, 132-145.	0.2	2
29	Subacute Management of a Dislocated Hangman Fracture, What Happens Afterwards? A Long-Term Follow Up. <i>Neurology India</i> , 2020, 68, 959.	0.2	5
30	PREMIO SIXTO OBRADOR SENEC 2019: El uso de la secuencia Tensor de difusi3n como herramienta pron3stica en los pacientes con traumatismo craneoencef3lico grave y moderado. Parte II: An3lisis longitudinal de las caracter3sticas del Tensor de difusi3n y su relaci3n con la evoluci3n de los pacientes. <i>Neurocirugia</i> , 2020, 31, 231-248.	0.2	1
31	Surgery for acute subdural haematoma: the value of pre-emptive decompressive craniectomy by Propensity score analysis. <i>Journal of Neurosurgical Sciences</i> , 2020, , .	0.3	1
32	Longitudinal Analysis of Corpus Callosum Diffusion Tensor Imaging Metrics and Its Association with Neurological Outcome. <i>Journal of Neurotrauma</i> , 2019, 36, 2785-2802.	1.7	6
33	The added prognostic value of magnetic resonance imaging in traumatic brain injury: The importance of traumatic axonal injury when performing ordinal logistic regression. <i>Journal of Neuroradiology</i> , 2019, 46, 299-306.	0.6	12
34	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.	0.9	43
35	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.	1.7	30
36	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.	2.5	52

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37	Quality of Life After Brain Injury: Psychometric Properties of the Spanish Translation of the QoLIBRI. Evaluation and the Health Professions, 2018, 41, 456-473.	0.9	11
38	Brain death and postmortem organ donation: report of a questionnaire from the CENTER-TBI study. Critical Care, 2018, 22, 306.	2.5	11
39	Final outcome trends in severe traumatic brain injury: a 25-year analysis of single center data. Acta Neurochirurgica, 2018, 160, 2291-2302.	0.9	4
40	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.	1.7	15
41	Symptomatic ptosis cerebelli after suboccipital craniectomy in a patient with severe brain trauma. Brain Injury, 2017, 31, 1294-1297.	0.6	3
42	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. Neurocirug�a (English Edition), 2017, 28, 1-14.	0.1	3
43	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	4.9	1,571
44	Prognostic value of corpus callosum injuries in severe head trauma. Acta Neurochirurgica, 2017, 159, 25-32.	0.9	27
45	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. Neurocirug�a (English Edition), 2017, 28, 266-275.	0.1	1
46	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. Critical Care, 2017, 21, 233.	2.5	88
47	Variation in Structure and Process of Care in Traumatic Brain Injury: Provider Profiles of European Neurotrauma Centers Participating in the CENTER-TBI Study. PLoS ONE, 2016, 11, e0161367.	1.1	50
48	Basic Principles of Hemodynamics and Cerebral Aneurysms. World Neurosurgery, 2016, 88, 311-319.	0.7	54
49	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.	1.7	19
50	Contrecoup Traumatic Intracerebral Hemorrhage: A Geometric Study of the Impact Site and Association with Hemorrhagic Progression. Journal of Neurotrauma, 2016, 33, 1034-1046.	1.7	29
51	Prognostic Value of the Amount of Bleeding After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2015, 77, 898-907.	0.6	23
52	Traumatic Intracerebral Hemorrhage: Risk Factors Associated with Progression. Journal of Neurotrauma, 2015, 32, 1246-1253.	1.7	71
53	Validation of a prognostic score for early mortality in severe head injury cases. Journal of Neurosurgery, 2014, 121, 1314-1322.	0.9	38
54	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.	0.2	23

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55	Spinal Cord Injury after Blunt Cervical Spine Trauma: Correlation of Soft-Tissue Damage and Extension of Lesion. American Journal of Neuroradiology, 2014, 35, 1029-1034.	1.2	32
56	Volumetric analysis of subarachnoid hemorrhage: assessment of the reliability of two computerized methods and their comparison with other radiographic scales. Journal of Neurosurgery, 2013, 118, 84-93.	0.9	37
57	Severe Traumatic Head Injury: Prognostic Value of Brain Stem Injuries Detected at MRI. American Journal of Neuroradiology, 2012, 33, 1925-1931.	1.2	57
58	The Value of Sequential Computed Tomography Scanning in Anticoagulated Patients Suffering From Minor Head Injury. Journal of Trauma, 2010, 68, 895-898.	2.3	32
59	Interhemispheric hygroma after decompressive craniectomy: does it predict posttraumatic hydrocephalus?. Journal of Neurosurgery, 2010, 113, 1287-1293.	0.9	69
60	A historical analysis of severe head injury. Neurosurgical Review, 2009, 32, 343-354.	1.2	11
61	The role of MR imaging in assessing prognosis after severe and moderate head injury. Acta Neurochirurgica, 2009, 151, 341-356.	0.9	60
62	Acute traumatic central cord syndrome: analysis of clinical and radiological correlations. Journal of Neurosurgical Sciences, 2008, 52, 107-12; discussion 112.	0.3	19
63	Brown-Sequard syndrome after blunt cervical spine trauma: clinical and radiological correlations. European Spine Journal, 2007, 16, 1165-1170.	1.0	35
64	Severe head injury and the risk of early death. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 1054-1059.	0.9	41
65	Complete surgical resection of high-grade astroblastoma with long time survival: case report and review of the literature. Neurocirugia, 2006, 17, 60-63.	0.2	22
66	Pannus resolution after occipitocervical fusion in a non-rheumatoid atlanto-axial instability. European Spine Journal, 2006, 15, 366-369.	1.0	49
67	Complete surgical resection of high-grade astroblastoma with long time survival: case report and review of the literature. Neurocirugia, 2006, 17, .	0.2	0
68	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. Neurocirugia, 2006, 17, .	0.2	3
69	Short-lasting Unilateral Neuralgiform Headache with Conjunctival Injection and Tearing Syndrome Treated with Microvascular Decompression of the Trigeminal Nerve: Case Report. Neurosurgery, 2005, 56, E413-E413.	0.6	20
70	Grading of Subarachnoid Hemorrhage: Modification of the World Federation of Neurosurgical Societies Scale on the Basis of Data for a Large Series of Patients. Neurosurgery, 2005, , E873.	0.6	5
71	A comparison of different grading scales for predicting outcome after subarachnoid haemorrhage. Acta Neurochirurgica, 2005, 147, 5-16.	0.9	46
72	Grading of Subarachnoid Hemorrhage: Modification of the World Federation of Neurosurgical Societies Scale on the Basis of Data for a Large Series of Patients. Neurosurgery, 2005, 56, E629-E629.	0.6	5

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73	Hyperacute epidural haematoma isodense with the brain on computed tomography. <i>Acta Neurochirurgica</i> , 2004, 146, 193-194.	0.9	9
74	Oligodendroglioma and multiple sclerosis. A case report. <i>Neurocirugia</i> , 2004, 15, 378-383.	0.2	13
75	Comparison between perimesencephalic nonaneurysmal subarachnoid hemorrhage and subarachnoid hemorrhage caused by posterior circulation aneurysms. <i>Journal of Neurosurgery</i> , 2003, 98, 529-535.	0.9	74
76	Global Cerebral Edema After Subarachnoid Hemorrhage. <i>Stroke</i> , 2002, 33, 2153-2154.	1.0	9
77	Intratumoural bleomycin as a treatment for recurrent cystic craniopharyngioma. Case report and review of the literature. <i>Neurocirugia</i> , 2002, 13, 479-485.	0.2	27
78	Comentario al trabajo: Aneurisma gigante de rápido crecimiento de Castilla y col. <i>Neurocirugia</i> , 2002, 13, 224.	0.2	0
79	Traumatic cervical central cord syndrome due to intramedullary hemorrhage studied with MRI: case presentation. <i>European Spine Journal</i> , 2002, 11, 294-297.	1.0	8
80	Ganglioglioma of the brainstem. <i>World Neurosurgery</i> , 2001, 56, 315-322.	1.3	82
81	Utilidad de la evaluación de la calidad científica técnica en el proceso quirúrgico de la hernia discal lumbar. <i>Revista De Calidad Asistencial: Órgano De La Sociedad Española De Calidad Asistencial</i> , 2001, 16, 714-721.	0.6	0
82	Prognostic Factors on Hospital Admission after Spontaneous Subarachnoid Haemorrhage. <i>Acta Neurochirurgica</i> , 2001, 143, 665-672.	0.9	108
83	Intracranial Hemangiopericytoma: Study of 12 Cases. <i>Acta Neurochirurgica</i> , 2001, 143, 575-586.	0.9	119
84	Basal ganglia hematomas in severely head injured patients: clinico-radiological analysis of 37 cases. <i>Journal of Neurosurgery</i> , 2001, 94, 224-232.	0.9	40
85	Age and Outcome After Severe Head Injury. <i>Acta Neurochirurgica</i> , 2000, 142, 373-381.	0.9	76
86	Levels of nitric oxide are markedly increased in cerebrospinal fluid from patients with severe head injury. <i>Clinica Chimica Acta</i> , 2000, 290, 221-222.	0.5	2
87	Hemorragia subaracnoidea aneurismática. Introducción a algunos de los aspectos más importantes de esta enfermedad. <i>Neurocirugia</i> , 2000, 11, 156-168.	0.2	11
88	Surgical Findings in Idiopathic Trigeminal Neuropathy Mimicking a Trigeminal Neurinoma. <i>Acta Neurochirurgica</i> , 1999, 141, 269-272.	0.9	13
89	Risk Factors Predicting Recurrence in Patients Operated on for Intracranial Meningioma. A Multivariate Analysis. <i>Acta Neurochirurgica</i> , 1999, 141, 921-932.	0.9	141
90	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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91	Arteriovenous Malformations and Vasospasm. Journal of Neurosurgery, 1998, 88, 934-5.	0.9	5
92	Giant intrasacral schwannomas: Report of six cases. Acta Neurochirurgica, 1997, 139, 954-960.	0.9	58
93	Sequential computerized tomography changes and related final outcome in severe head injury patients. Acta Neurochirurgica, 1997, 139, 385-391.	0.9	102
94	Brain oedema in patients with intracranial meningioma. Acta Neurochirurgica, 1996, 138, 485-494.	0.9	94
95	CSF rhinorrhea from a transclival meningocele demonstrated by MR. Acta Neurochirurgica, 1996, 138, 595-596.	0.9	8
96	Mild head injury: differences in prognosis among patients with a Glasgow Coma Scale score of 13 to 15 and analysis of factors associated with abnormal CT findings. British Journal of Neurosurgery, 1996, 10, 453-460.	0.4	154
97	Hemangioblastomas de fosa posterior: estudio con RM. Neurocirugia, 1995, 6, 113-120.	0.2	0
98	Comparison of the Clinical Presentation of Symptomatic Arteriovenous Malformations (Angiographically Visualized) and Occult Vascular Malformations. Neurosurgery, 1993, 32, 877-878.	0.6	0
99	Comparison of the Clinical Presentation of Symptomatic Arteriovenous Malformations (Angiographically Visualized) and Occult Vascular Malformations. Neurosurgery, 1992, 31, 391-397.	0.6	43
100	Head-injured patients who talk and deteriorate into coma. Journal of Neurosurgery, 1991, 75, 256-261.	0.9	155
101	Subarachnoid haemorrhage of unknown aetiology. Acta Neurochirurgica, 1989, 101, 35-41.	0.9	36
102	Acute epidural hematoma: an analysis of factors influencing the outcome of patients undergoing surgery in coma. Journal of Neurosurgery, 1988, 68, 48-57.	0.9	127
103	Posttraumatic cerebral hemispheric swelling. Journal of Neurosurgery, 1988, 68, 417-423.	0.9	109
104	Extradural Hematoma: Analysis of Factors Influencing the Courses of 161 Patients. Neurosurgery, 1988, 23, 44-51.	0.6	138
105	Cerebral Hemisphere Swelling in Severe Head Injury Patients. , 1988, 42, 40-46.		19