Rafael Badenes

List of Publications by Year
in descending order

101	4,916	218677	102487
papers	citations	26 h-index	66 g-index

115	115	115	5597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arterial and Venous Cerebral Blood Flow Velocities and Their Correlation in Healthy Volunteers and Traumatic Brain Injury Patients. Journal of Neurosurgical Anesthesiology, 2022, 34, e24-e33.	1.2	4
2	Homocysteine Plasmatic Concentration in Brain-Injured Neurocritical Care Patients: Systematic Review of Clinical Evidence. Journal of Clinical Medicine, 2022, 11, 394.	2.4	6
3	Cerebral Diseases in Liver Transplant Recipients: Systematic Review of Clinical Evidence. Journal of Clinical Medicine, 2022, 11, 979.	2.4	0
4	Remote Monitoring of Chronic Critically Ill Patients after Hospital Discharge: A Systematic Review. Journal of Clinical Medicine, 2022, 11, 1010.	2.4	8
5	Ventilation management and outcomes in out-of-hospital cardiac arrest: a protocol for a preplanned secondary analysis of the TTM2 trial. BMJ Open, 2022, 12, e058001.	1.9	3
6	Perioperative Management of Polytrauma Patients with Severe Traumatic Brain Injury Undergoing Emergency Extracranial Surgery: A Narrative Review. Journal of Clinical Medicine, 2022, 11, 18.	2.4	1
7	Non-Invasive Multimodal Neuromonitoring in Non-Critically Ill Hospitalized Adult Patients With COVID-19: A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2022, 13, 814405.	2.4	4
8	Transcranial Doppler as a screening test to exclude intracranial hypertension in brain-injured patients: the IMPRESSIT-2 prospective multicenter international study. Critical Care, 2022, 26, 110.	5.8	41
9	Inhaled Sedation in Patients with COVID-19-Related Acute Respiratory Distress Syndrome: An International Retrospective Study. , 2022, , .		0
10	Upcoming and urgent challenges in critical care research based on COVID-19 pandemic experience. Anaesthesia, Critical Care & Pain Medicine, 2022, , 101121.	1.4	2
11	Ventilatory settings in the initial 72Âh and their association with outcome in out-of-hospital cardiac arrest patients: a preplanned secondary analysis of the targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest (TTM2) trial. Intensive Care Medicine, 2022, 48, 1024-1038.	8.2	31
12	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. Journal of Neurotrauma, 2021, 38, 2514-2529.	3.4	23
13	The effects of arterial CO2 on the injured brain: Two faces of the same coin. Journal of Critical Care, 2021, 61, 207-215.	2.2	14
14	Variability in Serum Sodium Concentration and Prognostic Significance in Severe Traumatic Brain Injury: A Multicenter Observational Study. Neurocritical Care, 2021, 34, 899-907.	2.4	9
15	Inhaled anesthesia in neurosurgery: Still a role?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 231-240.	4.0	7
16	Analysis of the Association Between Lung Function and Brain Tissue Oxygen Tension in Severe Traumatic Brain Injury. Acta Neurochirurgica Supplementum, 2021, 131, 27-30.	1.0	1
17	Hyperventilation in Severe Traumatic Brain Injury Has Something Changed in the Last Decade or Uncertainty Continues? A Brief Review. Frontiers in Neurology, 2021, 12, 573237.	2.4	5
18	Seizures and Sepsis: A Narrative Review. Journal of Clinical Medicine, 2021, 10, 1041.	2.4	6

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19	Prevalence and risk factors for delirium in critically ill patients with COVID-19 (COVID-D): a multicentre cohort study. Lancet Respiratory Medicine,the, 2021, 9, 239-250.	10.7	325
20	Intranasal Insulin Administration to Prevent Delayed Neurocognitive Recovery and Postoperative Neurocognitive Disorder: A Narrative Review. International Journal of Environmental Research and Public Health, 2021, 18, 2681.	2.6	13
21	The prone position must accommodate changes in IAP in traumatic brain injury patients. Critical Care, 2021, 25, 132.	5.8	3
22	Safety profile of enhanced thromboprophylaxis strategies for critically ill COVID-19 patients during the first wave of the pandemic: observational report from 28 European intensive care units. Critical Care, 2021, 25, 155.	5.8	23
23	Improved short-term outcomes of kidney transplants in controlled donation after the circulatory determination of death with the use of normothermic regional perfusion. American Journal of Transplantation, 2021, 21, 3618-3628.	4.7	46
24	Ten physiological commandments for severe head injury. Revista EspaÃ±ola De AnestesiologÃa Y ReanimaciÃ³n (English Edition), 2021, 68, 280-292.	0.1	1
25	The role of noninvasive brain oximetry in adult critically ill patients without primary non-anoxic brain injury. Minerva Anestesiologica, 2021, 87, 1226-1238.	1.0	6
26	Diez mandamientos fisiolÃ³gicos a lograr durante el traumatismo craneoencefÃ¡lico grave. Revista EspaÃ±ola De AnestesiologÃa Y ReanimaciÃ³n, 2021, 68, 280-292.	0.3	3
27	Changes in Subendocardial Viability Ratio in Traumatic Brain Injury Patients. Brain Connectivity, 2021, 11, 349-358.	1.7	2
28	Usefulness of Cerebral Oximetry in TBI by NIRS. Journal of Clinical Medicine, 2021, 10, 2938.	2.4	11
29	Intracranial pressure monitoring in patients with acute brain injury in the intensive care unit (SYNAPSE-ICU): an international, prospective observational cohort study. Lancet Neurology, The, 2021, 20, 548-558.	10.2	105
30	Potentially Detrimental Effects of Hyperosmolality in Patients Treated for Traumatic Brain Injury. Journal of Clinical Medicine, 2021, 10, 4141.	2.4	12
31	Hemodynamic Monitoring in Patients With Subarachnoid Hemorrhage: A Systematic Review and Meta-Analysis. Journal of Neurosurgical Anesthesiology, 2021, 33, 285-292.	1.2	7
32	Suppression of Electrographic Seizures Is Associated with Amelioration of QTc Interval Prolongation in Patients with Traumatic Brain Injury. Journal of Clinical Medicine, 2021, 10, 5374.	2.4	0
33	Cerebral Autoregulation in Non-Brain Injured Patients: A Systematic Review. Frontiers in Neurology, 2021, 12, 732176.	2.4	11
34	Analgesic Efficacy and Safety of Local Infiltration Following Lumbar Decompression Surgery: A Systematic Review of Randomized Controlled Trials. Journal of Clinical Medicine, 2021, 10, 5936.	2.4	4
35	The Use of Different Components of Brain Oxygenation for the Assessment of Cerebral Haemodynamics: A Prospective Observational Study on COVID-19 Patients. Frontiers in Neurology, 2021, 12, 735469.	2.4	5
36	Worldwide Organization of Neurocritical Care: Results from the PRINCE Study Part 1. Neurocritical Care, 2020, 32, 172-179.	2.4	43

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37	Early Osmotherapy in Severe Traumatic Brain Injury: An International Multicenter Study. Journal of Neurotrauma, 2020, 37, 178-184.	3.4	12
38	Brain Ultrasonography Consensus on Skill Recommendations and Competence Levels Within the Critical Care Setting. Neurocritical Care, 2020, 32, 502-511.	2.4	30
39	Global Survey of Outcomes of Neurocritical Care Patients: Analysis of the PRINCE Study Part 2. Neurocritical Care, 2020, 32, 88-103.	2.4	44
40	Consenso internacional sobre la monitorizaciÃ³n de la presiÃ³n tisular cerebral de oxÃgeno en pacientes neurocrÃticos. Neurocirugia, 2020, 31, 24-36.	0.4	7
41	Glucose and Lactate Concentrations in Cerebrospinal Fluid After Traumatic Brain Injury. Journal of Neurosurgical Anesthesiology, 2020, 32, 162-169.	1.2	18
42	Cerebrospinal Fluid Glucose and Lactate Levels After Subarachnoid Hemorrhage: A Multicenter Retrospective Study. Journal of Neurosurgical Anesthesiology, 2020, 32, 170-176.	1.2	12
43	Postoperative circuits in patients undergoing elective craniotomy. A narrative review. Revista EspaÃ±ola De AnestesiologÃa Y ReanimaciÃ³n (English Edition), 2020, 67, 404-415.	0.1	0
44	Decompressive Craniectomy Improves QTc Interval in Traumatic Brain Injury Patients. International Journal of Environmental Research and Public Health, 2020, 17, 8653.	2.6	2
45	Effects of Age and Sex on Optic Nerve Sheath Diameter in Healthy Volunteers and Patients With Traumatic Brain Injury. Frontiers in Neurology, 2020, 11, 764.	2.4	11
46	Lung Injury Is a Predictor of Cerebral Hypoxia and Mortality in Traumatic Brain Injury. Frontiers in Neurology, 2020, 11, 771.	2.4	12
47	Determination of Brain Death/Death by Neurologic Criteria. JAMA - Journal of the American Medical Association, 2020, 324, 1078.	7.4	346
48	Hyperosmolar therapy for acute brain injury: study protocol for an umbrella review of meta-analyses and an evidence mapping. BMJ Open, 2020, 10, e033913.	1.9	5
49	Plasma Hyperosmolality Prolongs QTc Interval and Increases Risk for Atrial Fibrillation in Traumatic Brain Injury Patients. Journal of Clinical Medicine, 2020, 9, 1293.	2.4	8
50	Tracheostomy practice and timing in traumatic brain-injured patients: a CENTER-TBI study. Intensive Care Medicine, 2020, 46, 983-994.	8.2	68
51	Circuitos postoperatorios en los pacientes sometidos a craneotomÃa programada. RevisiÃ³n narrativa. Revista EspaÃ±ola De AnestesiologÃa Y ReanimaciÃ³n, 2020, 67, 404-415.	0.3	2
52	Preoperative predictive model for acute kidney injury after elective cardiac surgery: a prospective multicenter cohort study. Minerva Anestesiologica, 2019, 85, 34-44.	1.0	16
53	Sedation During Neurocritical Care. Journal of Neuroanaesthesiology and Critical Care, 2019, 06, 056-061.	0.2	4
54	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

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55	Development of a quality indicator set to measure and improve quality of ICU care for patients with traumatic brain injury. Critical Care, 2019, 23, 95.	5.8	26
56	Serum sodium and intracranial pressure changes after desmopressin therapy in severe traumatic brain injury patients: a multi-centre cohort study. Annals of Intensive Care, 2019, 9, 99.	4.6	7
57	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
58	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
59	Neuro-ICU patient disposition: optimal venue for acute needs. Current Opinion in Critical Care, 2018, 24, 65-71.	3.2	6
60	Red Cell Distribution Width After Subarachnoid Hemorrhage. Journal of Neurosurgical Anesthesiology, 2018, 30, 319-327.	1.2	18
61	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
62	Authorsâ€™ replyâ€”multi-organ ultrasonography: a stethoscope for the body. Journal of Thoracic Disease, 2018, 10, S2225-S2227.	1.4	0
63	Brain death and postmortem organ donation: report of a questionnaire from the CENTER-TBI study. Critical Care, 2018, 22, 306.	5.8	11
64	Candida albicans Germ-Tube Antibody: Evaluation of a New Automatic Assay for Diagnosing Invasive Candidiasis in ICU Patients. Mycopathologia, 2017, 182, 645-652.	3.1	18
65	Management of Mild Traumatic Brain Injury at the Emergency Department and Hospital Admission in Europe: A Survey of 71 Neurotrauma Centers Participating in the CENTER-TBI Study. Journal of Neurotrauma, 2017, 34, 2529-2535.	3.4	50
66	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	10.2	1,571
67	Criteria for Intensive Care admission and monitoring after elective craniotomy. Current Opinion in Anaesthesiology, 2017, 30, 540-545.	2.0	21
68	Hemoglobin concentrations and RBC transfusion thresholds in patients with acute brain injury: an international survey. Critical Care, 2017, 21, 159.	5.8	36
69	Are you "too old" to survive a traumatic brain injury?. Minerva Anestesiologica, 2017, 83, 1121-1123.	1.0	3
70	Acute respiratory distress syndrome in traumatic brain injury: how do we manage it?. Journal of Thoracic Disease, 2017, 9, 5368-5381.	1.4	70
71	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.	5.8	88
72	Perioperative hemoglobin area under the curve is an independent predictor of renal failure after cardiac surgery. Results from a Spanish multicenter retrospective cohort study. PLoS ONE, 2017, 12, e0172021.	2.5	17

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73	Predictors of Outcome in Traumatic Brain Injury. , 2017, , 43-54.		0
74	Sedation in Neurocritical Units. , 2017, , 259-274.		0
75	Advanced Monitoring in Neurocritical Care: Brain Tissue Oxygen Pressure. , 2017, , 27-41.		1
76	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.	2.5	50
77	Contribution of Candida biomarkers and DNA detection for the diagnosis of invasive candidiasis in ICU patients with severe abdominal conditions. Critical Care, 2016, 20, 149.	5.8	83
78	Glutathione oxidation correlates with one-lung ventilation time and PO₂/FiO₂ratio during pulmonary lobectomy. Redox Report, 2016, 21, 219-226.	4.5	10
79	Comfort and patient-centred care without excessive sedation: the eCASH concept. Intensive Care Medicine, 2016, 42, 962-971.	8.2	291
80	Intraoperative monitoring of cerebral oximetry and depth of anaesthesia during neuroanesthesia procedures. Current Opinion in Anaesthesiology, 2016, 29, 576-581.	2.0	27
81	Inhaled sedation in acute brain injury patients. British Journal of Anaesthesia, 2016, 116, 882-883.	3.4	3
82	A Novel Prognostic Marker in Severe Traumatic Brain Injury Patients: Pbto2/Pao2 Ratio. Intensive Care Medicine Experimental, 2015, 3, .	1.9	1
83	Cerebral protection during neurosurgery and stroke. Current Opinion in Anaesthesiology, 2015, 28, 532-536.	2.0	21
84	Inhalatory sedation in postoperative neurovascular surgery patients. Intensive Care Medicine Experimental, 2015, 3, .	1.9	0
85	Postoperative Pulmonary Dysfunction and Mechanical Ventilation in Cardiac Surgery. Critical Care Research and Practice, 2015, 2015, 1-8.	1.1	53
86	Neurocritical care for intracranial haemorrhage: a systematic review of recent studies. British Journal of Anaesthesia, 2015, 115, ii68-ii74.	3.4	30
87	Insulin infusion therapy in critical care patients: Regular insulin vs short-acting insulin. A prospective, crossover, randomized, multicenter blind study. Journal of Critical Care, 2015, 30, 437.e1-437.e6.	2.2	12
88	A Clinical Trial of Progesterone for Severe Traumatic Brain Injury. New England Journal of Medicine, 2014, 371, 2467-2476.	27.0	404
89	Anidulafungin dosing in critically ill patients with continuous venovenous haemodiafiltration. Journal of Antimicrobial Chemotherapy, 2014, 69, 1620-1623.	3.0	34
90	Pharmacokinetics of anidulafungin during albumin dialysis. Critical Care, 2014, 18, 422.	5.8	11

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91	Short acting insulin analogues in intensive care unit patients. World Journal of Diabetes, 2014, 5, 230.	3.5	5
92	Postoperative delirium and cognitive dysfunction. Trends in Anaesthesia and Critical Care, 2013, 3, 199-204.	0.9	10
93	The Accuracy of the Anesthetic Conserving Device (AnacondaÂ©) as an Alternative to the Classical Vaporizer in Anesthesia. Anesthesia and Analgesia, 2010, 111, 1176-1179.	2.2	17
94	Ventilatory pressure modes in anesthesia. Current Anaesthesia and Critical Care, 2010, 21, 255-261.	0.3	3
95	Mechanical ventilation in cardiac surgery. Current Anaesthesia and Critical Care, 2010, 21, 250-254.	0.3	2
96	The Predictive Performance of a Pharmacokinetic Model for Manually Adjusted Infusion of Liquid Sevofluorane for Use with the Anesthetic-Conserving Device (AnaConDa): A Clinical Study. Anesthesia and Analgesia, 2008, 106, 1207-1214.	2.2	59
97	Epidural Anesthesia for Laminectomy Lead Placement in Spinal Cord Stimulation. Anesthesia and Analgesia, 2007, 105, 1458-1461.	2.2	17
98	THE ROLE OF BISPECTRAL INDEX MONITORING AND SEDATION SCALES IN POSTOPERATIVE THORACIC SURGERY PATIENTS. Chest, 2006, 130, 217S.	0.8	0
99	Efficiency of the AnaConDa (Anesthesia Conserving Device) with sevoflurane: in vitro study. European Journal of Anaesthesiology, 2004, 21, 60.	1.7	7
100	Use of the AnaConDa (Anesthesia Conserving Device) with sevoflurane in critical care patients. European Journal of Anaesthesiology, 2004, 21, 174.	1.7	4
101	Monitoring alveolar anesthetic concentration during the anesthesia with the AnaConDa (anesthesia) Tj ETQq1 1 0.784314 rgBT /Over	1.7	0