Chiara Robba

List of Publications by Year
in descending order

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225 papers	6,993 citations	57631 44 h-index	88477 70 g-index
237 all docs	237 docs citations	237 times ranked	6143 citing authors

#	Article	IF	Citations
1	Mid and long-term neurological and neuropsychiatric manifestations of post-COVID-19 syndrome: A meta-analysis. Journal of the Neurological Sciences, 2022, 434, 120162.	0.3	335
2	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.	5.2	325
3	Optic nerve sheath diameter measured sonographically as non-invasive estimator of intracranial pressure: a systematic review and meta-analysis. Intensive Care Medicine, 2018, 44, 1284-1294.	3.9	250
4	Multiple organ dysfunction in SARS-CoV-2: MODS-CoV-2. Expert Review of Respiratory Medicine, 2020, 14, 865-868.	1.0	196
5	Ultrasound non-invasive measurement of intracranial pressure in neurointensive care: A prospective observational study. PLoS Medicine, 2017, 14, e1002356.	3.9	174
6	Non-invasive Monitoring of Intracranial Pressure Using Transcranial Doppler Ultrasonography: Is It Possible?. Neurocritical Care, 2016, 25, 473-491.	1.2	165
7	Optic nerve sheath diameter on computed tomography is correlated with simultaneously measured intracranial pressure in patients with severe traumatic brain injury. Intensive Care Medicine, 2014, 40, 1267-1274.	3.9	141
8	Mechanical ventilation in patients with acute brain injury: recommendations of the European Society of Intensive Care Medicine consensus. Intensive Care Medicine, 2020, 46, 2397-2410.	3.9	140
9	Brain ultrasonography: methodology, basic and advanced principles and clinical applications. A narrative review. Intensive Care Medicine, 2019, 45, 913-927.	3.9	132
10	Distinct phenotypes require distinct respiratory management strategies in severe COVID-19. Respiratory Physiology and Neurobiology, 2020, 279, 103455.	0.7	129
11	Pathogenesis of Multiple Organ Injury in COVID-19 and Potential Therapeutic Strategies. Frontiers in Physiology, 2021, 12, 593223.	1.3	113
12	The accuracy of transcranial Doppler in excluding intracranial hypertension following acute brain injury: a multicenter prospective pilot study. Critical Care, 2017, 21, 44.	2.5	109
13	Non-invasive assessment of intracranial pressure. Acta Neurologica Scandinavica, 2016, 134, 4-21.	1.0	107
14	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.	4.9	105
15	Feasibility of individualised severe traumatic brain injury management using an automated assessment of optimal cerebral perfusion pressure: the COGiTATE phase II study protocol. BMJ Open, 2019, 9, e030727.	0.8	94
16	Incidence and Prognosis of Ventilator-Associated Pneumonia in Critically Ill Patients with COVID-19: A Multicenter Study. Journal of Clinical Medicine, 2021, 10, 555.	1.0	93
17	Twenty-Five Years of Intracranial Pressure Monitoring After Severe Traumatic Brain Injury: A Retrospective, Single-Center Analysis. Neurosurgery, 2019, 85, E75-E82.	0.6	92
18	Clinical characteristics, management and in-hospital mortality of patients with coronavirus disease 2019 in Genoa, Italy. Clinical Microbiology and Infection, 2020, 26, 1537-1544.	2.8	84

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19	Transcranial Doppler: a stethoscope for the brainâ€neurocritical care use. Journal of Neuroscience Research, 2018, 96, 720-730.	1.3	83
20	Basic ultrasound head-to-toe skills for intensivists in the general and neuro intensive care unit population: consensus and expert recommendationsÂof the European Society of Intensive Care MedicineÂ. Intensive Care Medicine, 2021, 47, 1347-1367.	3.9	83
21	Effects of pneumoperitoneum and Trendelenburg position on intracranial pressure assessed using different non-invasive methods. British Journal of Anaesthesia, 2016, 117, 783-791.	1.5	81
22	Pros and cons of corticosteroid therapy for COVID-19 patients. Respiratory Physiology and Neurobiology, 2020, 280, 103492.	0.7	80
23	Quantitative lung ultrasonography: a putative new algorithm for automatic detection and quantification of B-lines. Critical Care, 2019, 23, 288.	2.5	78
24	Brainâ€“heart interaction after acute ischemic stroke. Critical Care, 2020, 24, 163.	2.5	77
25	Spread of Carbapenem-Resistant Gram-Negatives and Candida auris during the COVID-19 Pandemic in Critically Ill Patients: One Step Back in Antimicrobial Stewardship?. Microorganisms, 2021, 9, 95.	1.6	77
26	Prospective Study on Noninvasive Assessment of Intracranial Pressure in Traumatic Brain-Injured Patients: Comparison of Four Methods. Journal of Neurotrauma, 2016, 33, 792-802.	1.7	74
27	Optic nerve sheath diameter: present and future perspectives for neurologists and critical care physicians. Neurological Sciences, 2019, 40, 2447-2457.	0.9	72
28	Multimodal non-invasive assessment of intracranial hypertension: an observational study. Critical Care, 2020, 24, 379.	2.5	72
29	Prevalence of Antibodies to SARS-CoV-2 in Italian Adults and Associated Risk Factors. Journal of Clinical Medicine, 2020, 9, 2780.	1.0	71
30	Acute respiratory distress syndrome in traumatic brain injury: how do we manage it?. Journal of Thoracic Disease, 2017, 9, 5368-5381.	0.6	70
31	Tracheostomy practice and timing in traumatic brain-injured patients: a CENTER-TBI study. Intensive Care Medicine, 2020, 46, 983-994.	3.9	68
32	Extracorporeal membrane oxygenation for adult respiratory distress syndrome in trauma patients. Journal of Trauma and Acute Care Surgery, 2017, 82, 165-173.	1.1	66
33	Management of the brain-dead donor in the ICU: general and specific therapy to improve transplantable organ quality. Intensive Care Medicine, 2019, 45, 343-353.	3.9	66
34	Noninvasive respiratory support and patient self-inflicted lung injury in COVID-19: a narrative review. British Journal of Anaesthesia, 2021, 127, 353-364.	1.5	64
35	Gut Microbiota in Acute Ischemic Stroke: From Pathophysiology to Therapeutic Implications. Frontiers in Neurology, 2020, 11, 598.	1.1	62
36	Acute ischaemic stroke: challenges for the intensivist. Intensive Care Medicine, 2019, 45, 1177-1189.	3.9	59

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37	Computed tomography assessment of PEEP-induced alveolar recruitment in patients with severe COVID-19 pneumonia. Critical Care, 2021, 25, 81.	2.5	59
38	Mechanical ventilation in neurocritical care patients: a systematic literature review. Expert Review of Respiratory Medicine, 2016, 10, 1123-1132.	1.0	57
39	Mechanical ventilation in patients with acute ischaemic stroke: from pathophysiology to clinical practice. Critical Care, 2019, 23, 388.	2.5	57
40	Management of moderate to severe traumatic brain injury: an update for the intensivist. Intensive Care Medicine, 2022, 48, 649-666.	3.9	57
41	Current understanding of the therapeutic benefits of mesenchymal stem cells in acute respiratory distress syndrome. Cell Biology and Toxicology, 2020, 36, 83-102.	2.4	56
42	Effects of Prone Position and Positive End-Expiratory Pressure on Noninvasive Estimators of ICP: A Pilot Study. Journal of Neurosurgical Anesthesiology, 2017, 29, 243-250.	0.6	55
43	Intracranial pressure: current perspectives on physiology and monitoring. Intensive Care Medicine, 2022, 48, 1471-1481.	3.9	54
44	Association between perioperative fluid administration and postoperative outcomes: a 20-year systematic review and a meta-analysis of randomized goal-directed trials in major visceral/noncardiac surgery. Critical Care, 2021, 25, 43.	2.5	53
45	A comparison of non-invasive versus invasive measures of intracranial pressure in hypoxic ischaemic brain injury after cardiac arrest. Resuscitation, 2019, 137, 221-228.	1.3	52
46	Cerebrovascular pressure reactivity monitoring using wavelet analysis in traumatic brain injury patients: A retrospective study. PLoS Medicine, 2017, 14, e1002348.	3.9	48
47	Septic Encephalopathy. Current Neurology and Neuroscience Reports, 2018, 18, 82.	2.0	46
48	Neurological Manifestations of Severe SARS-CoV-2 Infection: Potential Mechanisms and Implications of Individualized Mechanical Ventilation Settings. Frontiers in Neurology, 2020, 11, 845.	1.1	46
49	Early effects of ventilatory rescue therapies on systemic and cerebral oxygenation in mechanically ventilated COVID-19 patients with acute respiratory distress syndrome: a prospective observational study. Critical Care, 2021, 25, 111.	2.5	45
50	Intracranial pressure and compliance in hypoxic ischemic brain injury patients after cardiac arrest. Resuscitation, 2019, 141, 96-103.	1.3	44
51	Chest physiotherapy: An important adjuvant in critically ill mechanically ventilated patients with COVID-19. Respiratory Physiology and Neurobiology, 2020, 282, 103529.	0.7	43
52	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.	2.5	41
53	VENTILatOry strategies in patients with severe traumatic brain injury: the VENTILO Survey of the European Society of Intensive Care Medicine (ESICM). Critical Care, 2020, 24, 158.	2.5	40
54	Infodemiology of status epilepticus: A systematic validation of the Google Trends-based search queries. Epilepsy and Behavior, 2016, 55, 120-123.	0.9	39

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55	Lung distribution of gas and blood volume in critically ill COVID-19 patients: a quantitative dual-energy computed tomography study. Critical Care, 2021, 25, 214.	2.5	39
56	Neurological Complications and Noninvasive Multimodal Neuromonitoring in Critically Ill Mechanically Ventilated COVID-19 Patients. Frontiers in Neurology, 2020, 11, 602114.	1.1	36
57	Non-invasive Intracranial Pressure Assessment in Brain Injured Patients Using Ultrasound-Based Methods. Acta Neurochirurgica Supplementum, 2018, 126, 69-73.	0.5	35
58	Compensatory-Reserve-Weighted Intracranial Pressure and Its Association with Outcome After Traumatic Brain Injury. Neurocritical Care, 2018, 28, 212-220.	1.2	35
59	Infectious disease-associated encephalopathies. Critical Care, 2021, 25, 236.	2.5	34
60	AME evidence series 001â€"The Society for Translational Medicine: clinical practice guidelines for diagnosis and early identification of sepsis in the hospital. Journal of Thoracic Disease, 2016, 8, 2654-2665.	0.6	33
61	Effects of higher PEEP and recruitment manoeuvres on mortality in patients with ARDS: a systematic review, meta-analysis, meta-regression and trial sequential analysis of randomized controlled trials. Intensive Care Medicine Experimental, 2020, 8, 39.	0.9	33
62	Doppler Non-invasive Monitoring of ICP in an Animal Model of Acute Intracranial Hypertension. Neurocritical Care, 2015, 23, 419-426.	1.2	32
63	Trajectories of early secondary insults correlate to outcomes of traumatic brain injury: results from a large, single centre, observational study. BMC Emergency Medicine, 2018, 18, 52.	0.7	32
64	Transcranial Doppler Monitoring of Intracranial Pressure Plateau Waves. Neurocritical Care, 2017, 26, 330-338.	1.2	31
65	The Neutrophil/Lymphocyte Count Ratio Predicts Mortality in Severe Traumatic Brain Injury Patients. Journal of Clinical Medicine, 2019, 8, 1453.	1.0	31
66	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.	3.9	31
67	Optic nerve sheath diameter ultrasonography at admission as a predictor of intracranial hypertension in traumatic brain injured patients: a prospective observational study. Journal of Neurosurgery, 2020, 132, 1279-1285.	0.9	30
68	Brain Ultrasonography Consensus on Skill Recommendations and Competence Levels Within the Critical Care Setting. Neurocritical Care, 2020, 32, 502-511.	1.2	30
69	Incidence, Risk Factors, and Effects on Outcome of Ventilator-Associated Pneumonia in Patients With Traumatic Brain Injury. Chest, 2020, 158, 2292-2303.	0.4	30
70	Acute Kidney Injury in Traumatic Brain Injury Patients: Results From the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury Study. Critical Care Medicine, 2021, 49, 112-126.	0.4	27
71	Perioperative liberal versus restrictive fluid strategies and postoperative outcomes: a systematic review and metanalysis on randomised-controlled trials in major abdominal elective surgery. Critical Care, 2021, 25, 205.	2.5	27
72	Ketamine in acute phase of severe traumatic brain injury â€œan old drug for new uses?â€• Critical Care, 2021, 25, 19.	2.5	27

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73	Pressure Reactivity-Based Optimal Cerebral Perfusion Pressure in a Traumatic Brain Injury Cohort. Acta Neurochirurgica Supplementum, 2018, 126, 209-212.	0.5	26
74	How I manage intracranial hypertension. Critical Care, 2019, 23, 243.	2.5	26
75	Noninvasive Intracranial Pressure Estimation With Transcranial Doppler: A Prospective Observational Study. Journal of Neurosurgical Anesthesiology, 2020, 32, 349-353.	0.6	26
76	Continuous Monitoring of Cerebral Autoregulation in Children Supported by Extracorporeal Membrane Oxygenation: A Pilot Study. Neurocritical Care, 2021, 34, 935-945.	1.2	26
77	Aneurysmal Subarachnoid Hemorrhage in Pregnancyâ€"Case Series, Review, and Pooled Data Analysis. World Neurosurgery, 2016, 88, 383-398.	0.7	25
78	Cerebral haemodynamics during experimental intracranial hypertension. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 694-705.	2.4	24
79	What respiratory targets should be recommended in patients with brain injury and respiratory failure?. Intensive Care Medicine, 2019, 45, 683-686.	3.9	24
80	Extracranial complications after traumatic brain injury: targeting the brain and the body. Current Opinion in Critical Care, 2020, 26, 137-146.	1.6	24
81	Effects of Positive End-Expiratory Pressure on Lung Recruitment, Respiratory Mechanics, and Intracranial Pressure in Mechanically Ventilated Brain-Injured Patients. Frontiers in Physiology, 2021, 12, 711273.	1.3	24
82	Clinical prevalence and outcome impact of pituitary dysfunction after aneurysmal subarachnoid hemorrhage: a systematic review with meta-analysis. Pituitary, 2016, 19, 522-535.	1.6	23
83	Mechanical ventilation and respiratory monitoring during extracorporeal membrane oxygenation for respiratory support. Annals of Translational Medicine, 2018, 6, 386-386.	0.7	23
84	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.	2.5	23
85	How I use Transcranial Doppler. Critical Care, 2019, 23, 420.	2.5	22
86	Monitoring cerebral oxygenation in acute brain-injured patients. Intensive Care Medicine, 2022, 48, 1463-1466.	3.9	22
87	Ischemic and Hemorrhagic Stroke Among Critically Ill Patients With Coronavirus Disease 2019: An International Multicenter Coronavirus Disease 2019 Critical Care Consortium Study*. Critical Care Medicine, 2021, 49, e1223-e1233.	0.4	20
88	Ten golden rules for individualized mechanical ventilation in acute respiratory distress syndrome. Journal of Intensive Medicine, 2021, 1, 42-51.	0.8	19
89	Neurological Manifestations of Coronavirus Disease 2019: A Comprehensive Review and Meta-Analysis of the First 6 Months of Pandemic Reporting. Frontiers in Neurology, 2021, 12, 664599.	1.1	19
90	How to use cerebral ultrasound in the ICU. Minerva Anestesiologica, 2020, 86, 327-340.	0.6	19

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91	Prevalence and Outcome of Acute Respiratory Distress Syndrome in Traumatic Brain Injury: A Systematic Review and Meta-Analysis. Lung, 2021, 199, 603-610.	1.4	19
92	Optimizing oxygen delivery to the injured brain. Current Opinion in Critical Care, 2022, 28, 145-156.	1.6	19
93	Ultrasound non-invasive intracranial pressure assessment in paediatric neurocritical care: a pilot study. Child's Nervous System, 2020, 36, 117-124.	0.6	18
94	Tracheostomy Timing and Outcome in Severe COVID-19: The WeanTrach Multicenter Study. Journal of Clinical Medicine, 2021, 10, 2651.	1.0	18
95	Use a â€œGHOST-CAPâ€•in acute brain injury. Critical Care, 2020, 24, 89.	2.5	17
96	Evolution Over Time of Ventilatory Management and Outcome of Patients With Neurologic Disease*. Critical Care Medicine, 2021, 49, 1095-1106.	0.4	17
97	The Role of Dysbiosis in Critically Ill Patients With COVID-19 and Acute Respiratory Distress Syndrome. Frontiers in Medicine, 2021, 8, 671714.	1.2	17
98	Ischaemic stroke-induced distal organ damage: pathophysiology and new therapeutic strategies. Intensive Care Medicine Experimental, 2020, 8, 23.	0.9	17
99	Effects of positive end-expiratory pressure on lung ultrasound patterns and their correlation with intracranial pressure in mechanically ventilated brain injured patients. Critical Care, 2022, 26, 31.	2.5	17
100	Contrast-Enhanced Ultrasound Imaging in Detection of Changes in Cerebral Perfusion. Ultrasound in Medicine and Biology, 2016, 42, 2708-2716.	0.7	16
101	Early management of sepsis with emphasis on early goal directed therapy: AME evidence series 002. Journal of Thoracic Disease, 2017, 9, 392-405.	0.6	16
102	Combined lung and brain ultrasonography for an individualized â€œbrain-protective ventilation strategyâ€•in neurocritical care patients with challenging ventilation needs. The Ultrasound Journal, 2018, 10, 24.	2.0	16
103	Second-order grey-scale texture analysis of pleural ultrasound images to differentiate acute respiratory distress syndrome and cardiogenic pulmonary edema. Journal of Clinical Monitoring and Computing, 2022, 36, 131-140.	0.7	16
104	Infodemiological data of West-Nile virus disease in Italy in the study period 2004â€“2015. Data in Brief, 2016, 9, 839-845.	0.5	15
105	Assessment of non-invasive ICP during CSF infusion test: an approach with transcranial Doppler. Acta Neurochirurgica, 2016, 158, 279-287.	0.9	15
106	Transcranial Doppler as a non-invasive method to estimate cerebral perfusion pressure in children with severe traumatic brain injury. Child's Nervous System, 2020, 36, 125-131.	0.6	15
107	Brain microvascular occlusive disorder in COVID-19: a case report. Neurological Sciences, 2020, 41, 3401-3404.	0.9	15
108	Mechanical ventilation in neurocritical care setting: A clinical approach. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 207-220.	1.7	15

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109	Extension of Collagen Deposition in COVID-19 Post Mortem Lung Samples and Computed Tomography Analysis Findings. International Journal of Molecular Sciences, 2021, 22, 7498.	1.8	15
110	Pathophysiology and clinical consequences of arterial blood gases and pH after cardiac arrest. Intensive Care Medicine Experimental, 2020, 8, 19.	0.9	15
111	Admission hyperglycemia and outcome in ICU patients with sepsis. Journal of Thoracic Disease, 2016, 8, E581-E583.	0.6	14
112	Cerebrovascular assessment of patients undergoing shoulder surgery in beach chair position using a multiparameter transcranial Doppler approach. Journal of Clinical Monitoring and Computing, 2019, 33, 615-625.	0.7	14
113	The Brain-gut Axis-where are we now and how can we Modulate these Connections?. Current Neuropharmacology, 2021, 19, 1164-1177.	1.4	14
114	Intraoperative non invasive intracranial pressure monitoring during pneumoperitoneum: a case report and a review of the published cases and case report series. Journal of Clinical Monitoring and Computing, 2016, 30, 527-538.	0.7	13
115	Coagulation management in patients undergoing neurosurgical procedures. Current Opinion in Anaesthesiology, 2017, 30, 527-533.	0.9	13
116	Transcranial Doppler in pediatric emergency and intensive care unit: a case series and literature review. Child's Nervous System, 2018, 34, 1465-1470.	0.6	13
117	International prospective observational study on intracranial pressure in intensive care (ICU): the SYNAPSE-ICU study protocol. BMJ Open, 2019, 9, e026552.	0.8	13
118	Acute Distress Respiratory Syndrome After Subarachnoid Hemorrhage: Incidence and Impact on the Outcome in a Large Multicenter, Retrospective Cohort. Neurocritical Care, 2021, 34, 1000-1008.	1.2	13
119	Novel Synthetic and Natural Therapies for Traumatic Brain Injury. Current Neuropharmacology, 2021, 19, 1661-1687.	1.4	13
120	Reappraisal of primary hepatic lymphoma: Is surgical resection underestimated?. Critical Reviews in Oncology/Hematology, 2018, 123, 1-6.	2.0	12
121	Splenic Doppler Resistive Index Variation Mirrors Cardiac Responsiveness and Systemic Hemodynamics upon Fluid Challenge Resuscitation in Postoperative Mechanically Ventilated Patients. BioMed Research International, 2018, 2018, 1-7.	0.9	12
122	Transcranial color-coded duplex sonography for bedside monitoring of central nervous system infection as a consequence of decompressive craniectomy after traumatic brain injury. Intensive Care Medicine, 2019, 45, 1143-1144.	3.9	12
123	Lung Injury Is a Predictor of Cerebral Hypoxia and Mortality in Traumatic Brain Injury. Frontiers in Neurology, 2020, 11, 771.	1.1	12
124	Ten things you need to know about intensive care unit management of mechanically ventilated patients with COVID-19. Expert Review of Respiratory Medicine, 2021, 15, 1293-1302.	1.0	12
125	An Experimental Pre-Post Study on the Efficacy of Respiratory Physiotherapy in Severe Critically Ill COVID-19 Patients. Journal of Clinical Medicine, 2021, 10, 2139.	1.0	12
126	Early Effects of Passive Leg-Raising Test, Fluid Challenge, and Norepinephrine on Cerebral Autoregulation and Oxygenation in COVID-19 Critically Ill Patients. Frontiers in Neurology, 2021, 12, 674466.	1.1	12

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127	Current pharmacotherapy for methicillin-resistant Staphylococcus aureus (MRSA) pneumonia. Expert Opinion on Pharmacotherapy, 2022, 23, 361-375.	0.9	12
128	Optic nerve sheath diameter: the next steps. Intensive Care Medicine, 2019, 45, 1842-1843.	3.9	11
129	Escalation therapy in severe traumatic brain injury: how long is intracranial pressure monitoring necessary?. Neurosurgical Review, 2021, 44, 2415-2423.	1.2	11
130	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.	1.1	11
131	Systemic fibrinolysis for acute pulmonary embolism complicating acute respiratory distress syndrome in severe COVID-19: a case series. European Heart Journal - Cardiovascular Pharmacotherapy, 2021, 7, 78-80.	1.4	11
132	Prevalence and Clinical Significance of Persistent Viral Shedding in Hospitalized Adult Patients with SARS-CoV-2 Infection: A Prospective Observational Study. Infectious Diseases and Therapy, 2021, 10, 387-398.	1.8	11
133	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.	3.9	11
134	Cerebral Autoregulation in Non-Brain Injured Patients: A Systematic Review. Frontiers in Neurology, 2021, 12, 732176.	1.1	11
135	Perioperative anaesthetic management of patients with or at risk of acute distress respiratory syndrome undergoing emergency surgery. BMC Anesthesiology, 2019, 19, 153.	0.7	10
136	Transcranial Doppler Non-invasive Assessment of Intracranial Pressure, Autoregulation of Cerebral Blood Flow and Critical Closing Pressure during Orthotopic Liver Transplant. Ultrasound in Medicine and Biology, 2019, 45, 1435-1445.	0.7	10
137	Comparison of 2 Automated Pupillometry Devices in Critically Ill Patients. Journal of Neurosurgical Anesthesiology, 2020, 32, 323-329.	0.6	10
138	Does electroencephalographic burst suppression still play a role in the perioperative setting?. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 159-169.	1.7	10
139	Management of intracranial hypertension following traumatic brain injury: a best clinical practice adoption proposal for intracranial pressure monitoring and decompressive craniectomy. Joint statements by the Traumatic Brain Injury Section of the Italian Society of Neurosurgery (SINch) and the Neuroanesthesia and Neurocritical Care Study Group of the Italian Society of Anesthesia, Analgesia, Resuscitation and Intensive Care (SIAARTI). Journal of Neurosurgical Sciences, 2021, 65, 219-238.	0.3	10
140	Acute Intracranial Hypertension During Pregnancy: Special Considerations and Management Adjustments. Neurocritical Care, 2022, 36, 302-316.	1.2	10
141	Treatment of extended-spectrum Î²-lactamases infections: what is the current role of new Î²-lactams/Î²-lactamase inhibitors?. Current Opinion in Infectious Diseases, 2020, 33, 474-481.	1.3	10
142	Quality assessment of optic nerve sheath diameter ultrasonography: Scoping literature review and Delphi protocol. Journal of Neuroimaging, 2022, 32, 808-824.	1.0	10
143	Clinical application of non-invasive intracranial pressure measurements. British Journal of Anaesthesia, 2018, 121, 500-501.	1.5	9
144	Multicentre observational study on practice of ventilation in brain injured patients: the VENTIBRAIN study protocol. BMJ Open, 2021, 11, e047100.	0.8	9

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145	Effects of propofol or sevoflurane anesthesia induction on hemodynamics in patients undergoing fiberoptic intubation for cervical spine surgery: A randomized, controlled, clinical trial. Journal of Anaesthesiology Clinical Pharmacology, 2017, 33, 215.	0.2	9
146	Intracranial and Spinal Dural Arterio-Venous Fistula (DAVF): A Surgical Series of 107 Patients. Acta Neurochirurgica Supplementum, 2016, 123, 177-183.	0.5	8
147	Between hypoxia or hyperoxia: not perfect but more physiologic. Journal of Thoracic Disease, 2018, 10, S2052-S2054.	0.6	8
148	Coronavirus Disease 2019 Phenotypes, Lung Ultrasound, Chest Computed Tomography and Clinical Features in Critically Ill Mechanically Ventilated Patients. Ultrasound in Medicine and Biology, 2021, 47, 3323-3332.	0.7	8
149	Comparative effects of dexmedetomidine and propofol on brain and lung damage in experimental acute ischemic stroke. Scientific Reports, 2021, 11, 23133.	1.6	8
150	Early versus late intubation in COVID-19 patients failing helmet CPAP: A quantitative computed tomography study. Respiratory Physiology and Neurobiology, 2022, 301, 103889.	0.7	8
151	Death by neurologic criteria: pathophysiology, definition, diagnostic criteria and tests. Minerva Anestesiologica, 2019, 85, 774-781.	0.6	7
152	Neuromonitoring during general anesthesia in non-neurologic surgery. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 255-266.	1.7	7
153	Variability of the Optic Nerve Sheath Diameter on the Basis of Sex and Age in a Cohort of Healthy Volunteers. Acta Neurochirurgica Supplementum, 2021, 131, 121-124.	0.5	7
154	Intensive Care Admission and Management of Patients With Acute Ischemic Stroke. Journal of Neurosurgical Anesthesiology, 2021, Publish Ahead of Print, .	0.6	7
155	Impact of Arterial Carbon Dioxide and Oxygen Content on Cerebral Autoregulation Monitoring Among Children Supported by ECMO. Neurocritical Care, 2021, 35, 480-490.	1.2	7
156	Tier-three therapies for refractory intracranial hypertension in adult head trauma. Minerva Anestesiologica, 2021, 87, 1359-1366.	0.6	7
157	Brain Echography in Perioperative Medicine: Beyond Neurocritical Care. Journal of Neurosurgical Anesthesiology, 2021, 33, 3-5.	0.6	7
158	The Importance of Neuromonitoring in Non Brain Injured Patients. Critical Care, 2022, 26, 78.	2.5	7
159	Ultrasound localization of central vein catheter tip by contrast-enhanced transthoracic ultrasonography: a comparison study with trans-esophageal echocardiography. Critical Care, 2022, 26, 113.	2.5	7
160	Intracranial Pressure Monitoring in Patients With Spontaneous Intracerebral Hemorrhage. Neurology, 2022, 99, .	1.5	7
161	Iso-Oncotic Albumin Mitigates Brain and Kidney Injury in Experimental Focal Ischemic Stroke. Frontiers in Neurology, 2020, 11, 1001.	1.1	6
162	Intraoperative ventilator settings and their association with postoperative pulmonary complications in neurosurgical patients: post-hoc analysis of LAS VEGAS study. BMC Anesthesiology, 2020, 20, 73.	0.7	6

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163	Effects of Cranioplasty After Decompressive Craniectomy on Neurological Function and Cerebral Hemodynamics in Traumatic Versus Nontraumatic Brain Injury. Acta Neurochirurgica Supplementum, 2021, 131, 79-82.	0.5	6
164	Focus on neuro-critical care: combined interventions to improve relevant outcomes. Intensive Care Medicine, 2020, 46, 1027-1029.	3.9	5
165	Midline shift in patients with closed traumatic brain injury may be driven by cerebral perfusion pressure not intracranial pressure. Journal of Neurosurgical Sciences, 2021, 65, 383-390.	0.3	5
166	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.	1.1	5
167	The Use of Noninvasive Multimodal Neuromonitoring in Adult Critically Ill Patients With COVID-19 Infection. Journal of Neurosurgical Anesthesiology, 2023, 35, 423-428.	0.6	5
168	Increased ICP and Its Cerebral Haemodynamic Sequelae. Acta Neurochirurgica Supplementum, 2018, 126, 47-50.	0.5	4
169	Controversies when using mechanical ventilation in obese patients with and without acute distress respiratory syndrome. Expert Review of Respiratory Medicine, 2019, 13, 471-479.	1.0	4
170	Organ donation: from diagnosis to transplant. Current Opinion in Anaesthesiology, 2020, 33, 146-155.	0.9	4
171	Frameless Stereotactic Biopsy with DTI-Based Tractography Integration: How to Adjust the Trajectoryâ€"A Case Series. World Neurosurgery, 2020, 143, 346-352.	0.7	4
172	COVIDâ€19: Some clinical questions after the first 4Âmonths. European Journal of Clinical Investigation, 2020, 50, e13326.	1.7	4
173	ARDS and Neurological Outcome: There is not just One Organ to Protect!. Neurocritical Care, 2021, 35, 297-298.	1.2	4
174	Acute ischaemic stroke and its challenges for the intensivist. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 258-268.	0.4	4
175	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.	1.1	4
176	Focus on brain injury. Intensive Care Medicine, 2017, 43, 1418-1420.	3.9	3
177	Tracheostomy in traumatic brain injured: solving the conundrum of the immortal time bias. Intensive Care Medicine, 2020, 46, 1288-1289.	3.9	3
178	Pituitary dysfunction after aneurysmal subarachnoidal hemorrhage. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 181, 41-49.	1.0	3
179	Pituitary Dysfunction After Aneurysmal Subarachnoid Hemorrhage. Journal of Neurosurgical Anesthesiology, 2020, Publish Ahead of Print, 44-50.	0.6	3
180	A brief note on randomized controlled trials and compassionate/off-label use of drugs in the early phases of the COVID-19 pandemic. Drugs in Context, 2020, 9, 1-2.	1.0	3

#	Article	IF	Citations
181	Correlation between hypo-pituitarism and poor cognitive function using neuropsychological tests after aneurysmal subarachnoid haemorrhage: a pilot study. Clinical Neurology and Neurosurgery, 2022, 214, 107167.	0.6	3
182	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.	0.8	3
183	Advances in Neuroimaging and Monitoring to Defend Cerebral Perfusion in Noncardiac Surgery. Anesthesiology, 2022, 136, 1015-1038.	1.3	3
184	Early management of patients with aneurysmal subarachnoid hemorrhage in a hospital with neurosurgical/neuroendovascular facilities: a consensus and clinical recommendations of the Italian Society of Anesthesia and Intensive Care (SIAARTI)â€"part 2. Journal of Anesthesia, Analgesia and Critical Care, 2022, 2, .	0.5	3
185	Critical care ultrasound. Intensive Care Medicine, 2022, 48, 1069-1071.	3.9	3
186	Automated Pupillometry as an Assessment Tool for Intracranial Hemodynamics in Septic Patients. Cells, 2022, 11, 2206.	1.8	3
187	Letter to the Editor Regarding â€œFirst Intracranial Pressure Monitoring or First Operation: Which One Is Better?â€. World Neurosurgery, 2020, 140, 415-416.	0.7	2
188	Arterial and Venous Cerebral Blood Flow Velocities in Healthy Volunteers. Acta Neurochirurgica Supplementum, 2021, 131, 131-134.	0.5	2
189	Brain ultrasonography to assess midline shift in neurocritical patients: good, but not good enough. Minerva Anestesiologica, 2021, 87, 400-402.	0.6	2
190	Design and Rationale of a Prospective International Follow-Up Study on Intensive Care Survivors of COVID-19: The Long-Term Impact in Intensive Care Survivors of Coronavirus Disease-19â€"AFTERCOR. Frontiers in Medicine, 2021, 8, 738086.	1.2	2
191	Clinical significance of inflammatory markers of bacterial infection in critically ill patients with COVID-19 after treatment with anti-inflammatory and immunomodulatory drugs: a complex new scenario. Frontiers in Bioscience, 2021, 26, 405.	0.8	2
192	Mechanical ventilationâ€"PEEP. , 2022, , 33-42.		2
193	Patients With Suspected Severe Adverse Reactions to COVID-19 Vaccination Admitted to Intensive Care Unit: A Case Report. Frontiers in Medicine, 2022, 9, 823837.	1.2	2
194	Pupillometry and sepsis-associated encephalopathy. Minerva Anestesiologica, 2022, 88, 332-333.	0.6	2
195	Reply to: Optic nerve sheath diameter measurement in hypoxic ischaemic brain injury after cardiac arrest. Resuscitation, 2019, 138, 308-309.	1.3	1
196	Non-invasive assessment of ICP in children: advances in ultrasound-based techniques. Child's Nervous System, 2020, 36, 95-98.	0.6	1
197	Response to letter to the editor: catastrophic antiphospholipid antibody syndrome and multiple organ dysfunctions in critically ill patients with COVID-19. Expert Review of Respiratory Medicine, 2020, 14, 1073-1074.	1.0	1
198	Analysis of the Association Between Lung Function and Brain Tissue Oxygen Tension in Severe Traumatic Brain Injury. Acta Neurochirurgica Supplementum, 2021, 131, 27-30.	0.5	1

#	Article	IF	Citations
199	Robotic surgery: how to safely and beneficially approach the age of maturity. Minerva Anestesiologica, 2019, 85, 816-818.	0.6	1
200	Type of ICP monitor. , 2022, , 193-202.		1
201	Defining basic (lung) ultrasound skills; not so basic after all? Authorâ€™s reply. Intensive Care Medicine, 2022, , 1.	3.9	1
202	The Connection Between Selected Caspases Levels in Bronchoalveolar Lavage Fluid and Severity After Brain Injury. Frontiers in Neurology, 2022, 13, .	1.1	1
203	Non-invasive ICP assessment through time of flight. Acta Neurologica Scandinavica, 2016, 134, 383-383.	1.0	0
204	Brain Ultrasound: How, Why, When and Where?. Annual Update in Intensive Care and Emergency Medicine, 2018, , 519-534.	0.1	0
205	Brain Ultrasound in theÂNon-neurocritical Care Setting. Annual Update in Intensive Care and Emergency Medicine, 2019, , 407-421.	0.1	0
206	Fluid and Electrolytes Management in Children Undergoing Neurosurgery. , 2021, , 165-177.		0
207	A Comparative Study of the Effects of Early Versus Late Cranioplasty on Cognitive Function. Acta Neurochirurgica Supplementum, 2021, 131, 75-78.	0.5	0
208	Blood clot â€˜coralâ€™ of the tracheobronchial tree. BMJ Case Reports, 2021, 14, e242533.	0.2	0
209	New frontiers in neuroanesthesia. Bailliere's Best Practice and Research in Clinical Anaesthesiology, 2021, 35, 155-157.	1.7	0
210	001â€…Neurological manifestations of coronavirus disease 2019: a comprehensive review. , 2021, , .		0
211	035â€…Case-control study of risk factors for stroke among critically-ill patients with SARS-CoV-2: an analysis of the COVID-19 critical care consortium (CCCC) global registry. , 2021, , .		0
212	Editorial: Crucial Decisions in Severe Traumatic Brain Injury Management: Criteria for Treatment Escalation. Frontiers in Neurology, 2021, 12, 740915.	1.1	0
213	Transcranial Doppler and Transcranial Color-Coded Duplex Sonography. , 2017, , 275-289.		0
214	Intracranial pressure monitor insertion in traumatic brain injury: a single center, retrospective decision process analysis. Journal of Neurosurgical Sciences, 2024, 68, .	0.3	0
215	Neurosurgical Crises and Brain Surgery. , 2020, , 501-519.		0
216	Severe Respiratory Failure: ARDS and ECMO. , 2021, , 161-169.		0

#	Article	IF	Citations
217	Transcranial Doppler and Optic Nerve Ultrasonography for Non-invasive ICP Assessment. , 2021, , 75-94.		0
218	Pneumoperitoneum and Trendelenburg Position During Abdominal Surgery: Usefulness of Transcranial Doppler (TCD/TCCS) to Non-invasive Intracranial Pressure Monitoring. , 2022, , 1111-1120.		0
219	Cerebral Oxygenation: An Additional Target for the Management of Patients with Traumatic Brain Injury. Neurocritical Care, 2021, , 1.	1.2	0
220	Neurocritical Patient in ICU: Transcranial Doppler (TCD/TCCS) as the Brain Stethoscope. , 2022, , 195-213.		0
221	POCUS Application in Neurocritical Care Patients: Transcranial Doppler (TCD/TCCS) as a Part of POCUS, from the Brain Ultrasound to Monitoring the Systemic Complications. , 2022, , 975-997.		0
222	Traumatic brain injury and translational research: pharmacological and nonpharmacological perspectives. , 2022, , 139-154.		0
223	Editorial: Effective treatments for acute neurological injury: are we moving forward?. Current Opinion in Critical Care, 2022, 28, 99-100.	1.6	0
224	Long-Term Impact in Intensive Care Survivors of Coronavirus Disease-19 (AFTERCOR Study): Preliminary 3-Month Analysis After ICU Discharge. , 2022, , .		0
225	Basic ultrasound skill for intensivists: future scope for expansion of the recommendations of the European Society of Intensive Care Medicine. Author's reply. Intensive Care Medicine, 2022, , .	3.9	0