

# Antonio Belli

## List of Publications by Year in descending order

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Version: 2024-02-01

171  
papers

10,337  
citations

57758

44  
h-index

38395

95  
g-index

178  
all docs

178  
docs citations

178  
times ranked

11182  
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	Trial of Decompressive Craniectomy for Traumatic Intracranial Hypertension. <i>New England Journal of Medicine</i> , 2016, 375, 1119-1130.	27.0	901
3	The systemic immune response to trauma: an overview of pathophysiology and treatment. <i>Lancet</i> , The, 2014, 384, 1455-1465.	13.7	607
4	Effects of tranexamic acid on death, disability, vascular occlusive events and other morbidities in patients with acute traumatic brain injury (CRASH-3): a randomised, placebo-controlled trial. <i>Lancet</i> , The, 2019, 394, 1713-1723.	13.7	567
5	When a minor head injury results in enduring symptoms: a prospective investigation of risk factors for postconcussional syndrome after mild traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 217-223.	1.9	312
6	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSIONS. <i>Neurosurgery</i> , 2007, 61, 379-389.	1.1	308
7	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
8	Consensus statement from the 2014 International Microdialysis Forum. <i>Intensive Care Medicine</i> , 2015, 41, 1517-1528.	8.2	263
9	TEMPORAL WINDOW OF METABOLIC BRAIN VULNERABILITY TO CONCUSSIONS. <i>Neurosurgery</i> , 2007, 61, 390-396.	1.1	247
10	Triple-H therapy in the management of aneurysmal subarachnoid haemorrhage. <i>Lancet Neurology</i> , The, 2003, 2, 614-621.	10.2	218
11	S100B in neuropathologic states: The CRP of the brain?. <i>Journal of Neuroscience Research</i> , 2007, 85, 1373-1380.	2.9	218
12	Pathogenesis of cerebral vasospasm following aneurysmal subarachnoid hemorrhage: Putative mechanisms and novel approaches. <i>Journal of Neuroscience Research</i> , 2009, 87, 1-11.	2.9	203
13	MicroRNAs as Novel Biomarkers for the Diagnosis and Prognosis of Mild and Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1948-1956.	3.4	147
14	Trial of Dexamethasone for Chronic Subdural Hematoma. <i>New England Journal of Medicine</i> , 2020, 383, 2616-2627.	27.0	139
15	Metabolic failure precedes intracranial pressure rises in traumatic brain injury: a microdialysis study. <i>Acta Neurochirurgica</i> , 2008, 150, 461-470.	1.7	137
16	Near-Infrared Spectroscopy in the Monitoring of Adult Traumatic Brain Injury: A Review. <i>Journal of Neurotrauma</i> , 2015, 32, 933-941.	3.4	119
17	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
18	Traumatic Brain Injury and Peripheral Immune Suppression: Primer and Prospectus. <i>Frontiers in Neurology</i> , 2015, 6, 235.	2.4	110

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19	Increase of uric acid and purine compounds in biological fluids of multiple sclerosis patients. <i>Clinical Biochemistry</i> , 2009, 42, 1001-1006.	1.9	103
20	Small Non-coding RNAs: New Class of Biomarkers and Potential Therapeutic Targets in Neurodegenerative Disease. <i>Frontiers in Genetics</i> , 2019, 10, 364.	2.3	101
21	Prehospital immune responses and development of multiple organ dysfunction syndrome following traumatic injury: A prospective cohort study. <i>PLoS Medicine</i> , 2017, 14, e1002338.	8.4	94
22	Endotheliopathy of Trauma is an on-Scene Phenomenon, and is Associated with Multiple Organ Dysfunction Syndrome: A Prospective Observational Study. <i>Shock</i> , 2018, 49, 420-428.	2.1	87
23	Rapid optofluidic detection of biomarkers for traumatic brain injury via surface-enhanced Raman spectroscopy. <i>Nature Biomedical Engineering</i> , 2020, 4, 610-623.	22.5	87
24	Serum lactate as a novel potential biomarker in multiple sclerosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1137-1143.	3.8	77
25	Salivary MicroRNAs: Diagnostic Markers of Mild Traumatic Brain Injury in Contact-Sport. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 290.	2.9	74
26	Transient alterations of creatine, creatine phosphate, N-acetylaspartate and high-energy phosphates after mild traumatic brain injury in the rat. <i>Molecular and Cellular Biochemistry</i> , 2010, 333, 269-277.	3.1	72
27	Decrease in N-Acetylaspartate Following Concussion May Be Coupled to Decrease in Creatine. <i>Journal of Head Trauma Rehabilitation</i> , 2013, 28, 284-292.	1.7	72
28	Neuroglobin expression and oxidant/antioxidant balance after graded traumatic brain injury in the rat. <i>Free Radical Biology and Medicine</i> , 2014, 69, 258-264.	2.9	70
29	Severity of experimental traumatic brain injury modulates changes in concentrations of cerebral free amino acids. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 530-542.	3.6	70
30	Fusion or Fission: The Destiny of Mitochondria In Traumatic Brain Injury of Different Severities. <i>Scientific Reports</i> , 2017, 7, 9189.	3.3	65
31	Appropriation of GPIb $\alpha$ from platelet-derived extracellular vesicles supports monocyte recruitment in systemic inflammation. <i>Haematologica</i> , 2020, 105, 1248-1261.	3.5	65
32	Antioxidant Therapies in Traumatic Brain Injury. <i>Antioxidants</i> , 2020, 9, 260.	5.1	65
33	Operative and hardware complications of deep brain stimulation for movement disorders. <i>British Journal of Neurosurgery</i> , 2006, 20, 290-295.	0.8	63
34	MicroRNA Signature of Traumatic Brain Injury: From the Biomarker Discovery to the Point-of-Care. <i>Frontiers in Neurology</i> , 2018, 9, 429.	2.4	63
35	Infections after a traumatic brain injury: The complex interplay between the immune and neurological systems. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 63-74.	4.1	63
36	The screening and management of pituitary dysfunction following traumatic brain injury in adults: British Neurotrauma Group guidance. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 971-981.	1.9	60

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37	Image-guided frameless stereotactic biopsy without intraoperative neuropathological examination. <i>Journal of Neurosurgery</i> , 2010, 113, 170-178.	1.6	55
38	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury. <i>JAMA Neurology</i> , 2021, 78, 1137.	9.0	53
39	Potentially neuroprotective gene modulation in an in vitro model of mild traumatic brain injury. <i>Molecular and Cellular Biochemistry</i> , 2013, 375, 185-198.	3.1	52
40	Transcriptomics of Traumatic Brain Injury: Gene Expression and Molecular Pathways of Different Grades of Insult in a Rat Organotypic Hippocampal Culture Model. <i>Journal of Neurotrauma</i> , 2010, 27, 349-359.	3.4	51
41	Nitric Oxide Synthase Inhibition with the Antipterin VAS203 Improves Outcome in Moderate and Severe Traumatic Brain Injury: A Placebo-Controlled Randomized Phase IIa Trial (NOSTRA). <i>Journal of Neurotrauma</i> , 2014, 31, 1599-1606.	3.4	50
42	Extracellular N-acetylaspartate depletion in traumatic brain injury. <i>Journal of Neurochemistry</i> , 2006, 96, 861-869.	3.9	49
43	Primary decompressive craniectomy for acute subdural haematomas: results of an international survey. <i>Acta Neurochirurgica</i> , 2012, 154, 1563-1565.	1.7	48
44	Primum non nocere: a call for balance when reporting on CTE. <i>Lancet Neurology</i> , The, 2019, 18, 231-233.	10.2	48
45	Metabolic, enzymatic and gene involvement in cerebral glucose dysmetabolism after traumatic brain injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 679-687.	3.8	47
46	Unique diagnostic signatures of concussion in the saliva of male athletes: the Study of Concussion in Rugby Union through MicroRNAs (SCRUM). <i>British Journal of Sports Medicine</i> , 2021, 55, 1395-1404.	6.7	47
47	Cerebrospinal fluid ATP metabolites in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 549-554.	3.0	46
48	Mitochondrial DNA and traumatic brain injury. <i>Annals of Neurology</i> , 2014, 75, 186-195.	5.3	46
49	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
50	MDA, oxypurines, and nucleosides relate to reperfusion in short-term incomplete cerebral ischemia in the rat. <i>Free Radical Biology and Medicine</i> , 1992, 13, 489-498.	2.9	45
51	Antimicrobial peptide coatings for hydroxyapatite: electrostatic and covalent attachment of antimicrobial peptides to surfaces. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20160657.	3.4	45
52	Challenges to Neurosurgery During the Coronavirus Disease 2019 (COVID-19) Pandemic. <i>World Neurosurgery</i> , 2020, 139, 519-525.	1.3	45
53	Surgical management of acute subdural haematomas: current practice patterns in the United Kingdom and the Republic of Ireland. <i>British Journal of Neurosurgery</i> , 2013, 27, 330-333.	0.8	44
54	Axonal Pathology in Subarachnoid and Intracerebral Hemorrhage. <i>Journal of Neurotrauma</i> , 2005, 22, 407-414.	3.4	43

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55	Decompressive Craniectomy for Acute Disseminated Encephalomyelitis. <i>Neurocritical Care</i> , 2010, 13, 393-395.	2.4	39
56	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
57	Changes in the pattern of plasma extracellular vesicles after severe trauma. <i>PLoS ONE</i> , 2017, 12, e0183640.	2.5	37
58	Dexamethasone for adult patients with a symptomatic chronic subdural haematoma (Dex-CSDH) trial: study protocol for a randomised controlled trial. <i>Trials</i> , 2018, 19, 670.	1.6	37
59	S100B and Glial Fibrillary Acidic Protein as Indexes to Monitor Damage Severity in an In Vitro Model of Traumatic Brain Injury. <i>Neurochemical Research</i> , 2015, 40, 991-999.	3.3	36
60	Covert Speech Comprehension Predicts Recovery From Acute Unresponsive States. <i>Annals of Neurology</i> , 2021, 89, 646-656.	5.3	36
61	Proposal for establishment of the UK Cranial Reconstruction Registry (UKCRR). <i>British Journal of Neurosurgery</i> , 2014, 28, 310-314.	0.8	35
62	Pyruvate Dehydrogenase and Tricarboxylic Acid Cycle Enzymes Are Sensitive Targets of Traumatic Brain Injury Induced Metabolic Derangement. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5774.	4.1	35
63	The Molecular Mechanisms Affecting N-Acetylaspartate Homeostasis Following Experimental Graded Traumatic Brain Injury. <i>Molecular Medicine</i> , 2014, 20, 147-157.	4.4	34
64	Extracellular fluid S100B in the injured brain: a future surrogate marker of acute brain injury?. <i>Acta Neurochirurgica</i> , 2005, 147, 897-900.	1.7	33
65	A prospective study of the time to evacuate acute subdural and extradural haematomas*. <i>Anaesthesia</i> , 2009, 64, 277-281.	3.8	32
66	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
67	Evaluation of Outcomes Among Patients With Traumatic Intracranial Hypertension Treated With Decompressive Craniectomy vs Standard Medical Care at 24 Months. <i>JAMA Neurology</i> , 2022, 79, 664.	9.0	31
68	An introduction to patient-reported outcome measures (PROMs) in trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 314-320.	2.1	29
69	Cerebral Oxygenation in Traumatic Brain Injury: Can a Non-Invasive Frequency Domain Near-Infrared Spectroscopy Device Detect Changes in Brain Tissue Oxygen Tension as Well as the Established Invasive Monitor?. <i>Journal of Neurotrauma</i> , 2019, 36, 1175-1183.	3.4	28
70	Identifying, Prioritizing and Visually Mapping Barriers to Injury Care in Rwanda: A Multi-disciplinary Stakeholder Exercise. <i>World Journal of Surgery</i> , 2020, 44, 2903-2918.	1.6	28
71	Tranexamic acid for significant traumatic brain injury (The CRASH-3 trial): Statistical analysis plan for an international, randomised, double-blind, placebo-controlled trial. <i>Wellcome Open Research</i> , 2018, 3, 86.	1.8	28
72	Frequency-domain vs continuous-wave near-infrared spectroscopy devices: a comparison of clinically viable monitors in controlled hypoxia. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 967-974.	1.6	26

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73	Development of the Self Optimising Kohonen Index Network (SKiNET) for Raman Spectroscopy Based Detection of Anatomical Eye Tissue. <i>Scientific Reports</i> , 2019, 9, 10812.	3.3	26
74	Optical pupillometry in traumatic brain injury: neurological pupil index and its relationship with intracranial pressure through significant event analysis. <i>Brain Injury</i> , 2019, 33, 1032-1038.	1.2	26
75	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
76	Network topology and dynamics in traumatic brain injury. <i>Current Opinion in Behavioral Sciences</i> , 2015, 4, 92-102.	3.9	25
77	Surgery for Acute Subdural Hematoma: Replace or Remove the Bone Flap?. <i>World Neurosurgery</i> , 2016, 88, 569-575.	1.3	25
78	Single-step preparation of selected biological fluids for the high performance liquid chromatographic analysis of fat-soluble vitamins and antioxidants. <i>Journal of Chromatography A</i> , 2017, 1527, 43-52.	3.7	25
79	Cerebral perfusion and blood-brain barrier assessment in brain trauma using contrast-enhanced near-infrared spectroscopy with indocyanine green: A review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1586-1598.	4.3	25
80	Placement of silicone sheeting at decompressive craniectomy to prevent adhesions at cranioplasty. <i>British Journal of Neurosurgery</i> , 2010, 24, 75-76.	0.8	24
81	Cystatin D (CST5): An ultra-early inflammatory biomarker of traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 5002.	3.3	24
82	A systematic review of levetiracetam versus phenytoin in the prevention of late post-traumatic seizures and survey of UK neurosurgical prescribing practice of antiepileptic medication in acute traumatic brain injury. <i>British Journal of Neurosurgery</i> , 2018, 32, 237-244.	0.8	24
83	Understanding the neuroprotective effect of tranexamic acid: an exploratory analysis of the CRASH-3 randomised trial. <i>Critical Care</i> , 2020, 24, 560.	5.8	24
84	Post-traumatic head injury pituitary dysfunction. <i>Disability and Rehabilitation</i> , 2013, 35, 522-525.	1.8	23
85	Biomarkers for Traumatic Brain Injury: Data Standards and Statistical Considerations. <i>Journal of Neurotrauma</i> , 2021, 38, 2514-2529.	3.4	23
86	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
87	The role of vagus nerve overactivity in the increased incidence of pneumonia following traumatic brain injury. <i>British Journal of Neurosurgery</i> , 2014, 28, 181-186.	0.8	22
88	The management of depression following traumatic brain injury: A systematic review with meta-analysis. <i>Brain Injury</i> , 2020, 34, 1287-1304.	1.2	21
89	Optical coherence tomography (OCT) in unconscious and systemically unwell patients using a mobile OCT device: a pilot study. <i>BMJ Open</i> , 2019, 9, e030882.	1.9	20
90	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

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91	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
92	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , 2020, 125, 505-517.	3.4	19
93	Decompressive craniectomy and cranioplasty: experience and outcomes in deployed UK military personnel. <i>British Journal of Neurosurgery</i> , 2016, 30, 529-535.	0.8	18
94	Vitamin D Deficiency in Traumatic Brain Injury and Its Relationship with Severity of Injury and Quality of Life: A Prospective, Observational Study. <i>Journal of Neurotrauma</i> , 2017, 34, 1448-1456.	3.4	18
95	First Report of a Multicenter Prospective Registry of Cranioplasty in the United Kingdom and Ireland. <i>Neurosurgery</i> , 2021, 89, 518-526.	1.1	18
96	Stroke risk following traumatic brain injury: Systematic review and meta-analysis. <i>International Journal of Stroke</i> , 2021, 16, 370-384.	5.9	16
97	Spectroscopic detection of traumatic brain injury severity and biochemistry from the retina. <i>Biomedical Optics Express</i> , 2020, 11, 6249.	2.9	16
98	Visceral angiographic findings in pseudoxanthoma elasticum. <i>British Journal of Radiology</i> , 1988, 61, 368-371.	2.2	15
99	Brain 'imaging' in the Renaissance. <i>Journal of the Royal Society of Medicine</i> , 2007, 100, 540-543.	2.0	15
100	Traumatic dural venous sinus thrombosis; a challenge in management of head injury patients. <i>Journal of Clinical Neuroscience</i> , 2018, 57, 169-173.	1.5	14
101	Pharmacological management of post-traumatic seizures in adults: current practice patterns in the UK and the Republic of Ireland. <i>Acta Neurochirurgica</i> , 2019, 161, 457-464.	1.7	14
102	The BCD Triage Sieve outperforms all existing major incident triage tools: Comparative analysis using the UK national trauma registry population. <i>EClinicalMedicine</i> , 2021, 36, 100888.	7.1	14
103	Tranexamic acid for significant traumatic brain injury (The CRASH-3 trial): Statistical analysis plan for an international, randomised, double-blind, placebo-controlled trial. <i>Wellcome Open Research</i> , 2018, 3, 86.	1.8	14
104	Management of traumatic brain injury (TBI): a clinical neuroscience-led pathway for the NHS. <i>Clinical Medicine</i> , 2021, 21, e198-e205.	1.9	13
105	Free phenytoin concentration measurement in brain extracellular fluid: a pilot study. <i>British Journal of Neurosurgery</i> , 2006, 20, 285-289.	0.8	12
106	Post-traumatic stress disorder and self-reported outcomes after traumatic brain injury in victims of assault. <i>PLoS ONE</i> , 2019, 14, e0211684.	2.5	12
107	Post-traumatic stress disorder in UK civilians with traumatic brain injury: an observational study of TBI clinic attendees to estimate PTSD prevalence and its relationship with radiological markers of brain injury severity. <i>BMJ Open</i> , 2019, 9, e021675.	1.9	12
108	Comparison of Care System and Treatment Approaches for Patients with Traumatic Brain Injury in China versus Europe: A CENTER-TBI Survey Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1806-1817.	3.4	12

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109	Effect of tranexamic acid on intracranial haemorrhage and infarction in patients with traumatic brain injury: a pre-planned substudy in a sample of CRASH-3 trial patients. <i>Emergency Medicine Journal</i> , 2021, 38, 270-278.	1.0	12
110	Mismatch between Tissue Partial Oxygen Pressure and Near-Infrared Spectroscopy Neuromonitoring of Tissue Respiration in Acute Brain Trauma: The Rationale for Implementing a Multimodal Monitoring Strategy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1122.	4.1	12
111	Equitable access to quality trauma systems in low-income and middle-income countries: assessing gaps and developing priorities in Ghana, Rwanda and South Africa. <i>BMJ Global Health</i> , 2022, 7, e008256.	4.7	12
112	Role of the C2 articular branches in occipital headache: An anatomical study. <i>Clinical Anatomy</i> , 2006, 19, 497-502.	2.7	11
113	Does tranexamic acid improve outcomes in traumatic brain injury?. <i>BMJ, The</i> , 2016, 354, i4814.	6.0	11
114	Disability from posttraumatic headache is compounded by coexisting posttraumatic stress disorder. <i>Journal of Pain Research</i> , 2017, Volume 10, 1991-1996.	2.0	11
115	Tranexamic acid to reduce head injury death in people with traumatic brain injury: the CRASH-3 international RCT. <i>Health Technology Assessment</i> , 2021, 25, 1-76.	2.8	11
116	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
117	Cerebral Hemodynamic Influences in Task-Related Functional Magnetic Resonance Imaging and Near-Infrared Spectroscopy in Acute Sport-Related Concussion: A Review. <i>Journal of Imaging</i> , 2018, 4, 59.	3.0	10
118	Dex-CSDH randomised, placebo-controlled trial of dexamethasone for chronic subdural haematoma: report of the internal pilot phase. <i>Scientific Reports</i> , 2019, 9, 5885.	3.3	10
119	Dynamic contrast-enhanced near-infrared spectroscopy using indocyanine green on moderate and severe traumatic brain injury: a prospective observational study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 2085-2097.	2.0	10
120	Differential Expression of Circulating Inflammatory Proteins Following Sport-Related Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1216.	4.1	10
121	Raman Spectroscopy as a Neuromonitoring Tool in Traumatic Brain Injury: A Systematic Review and Clinical Perspectives. <i>Cells</i> , 2022, 11, 1227.	4.1	10
122	Photobiomodulation in Acute Traumatic Brain Injury: A Systematic Review and Meta-Analysis. <i>Journal of Neurotrauma</i> , 2023, 40, 210-227.	3.4	10
123	Low Molecular Weight Dextran Sulfate (ILBÂ®) Administration Restores Brain Energy Metabolism Following Severe Traumatic Brain Injury in the Rat. <i>Antioxidants</i> , 2020, 9, 850.	5.1	9
124	Tension pneumocephalus: the neurosurgical emergency equivalent of tension pneumothorax. <i>BJR   case Reports</i> , 2016, 2, 20150127.	0.2	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. <i>Trials</i> , 2020, 21, 80.	1.6	8
126	Firearms-related skeletal muscle trauma: pathophysiology and novel approaches for regeneration. <i>Npj Regenerative Medicine</i> , 2021, 6, 17.	5.2	8



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127	Does Vestibular-Ocular-Motor (VOM) Impairment Affect Time to Return to Play, Symptom Severity, Neurocognition and Academic Ability in Student-Athletes following acute Concussion?. <i>Brain Injury</i> , 2021, 35, 788-797.	1.2	8
128	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
129	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
130	Autologous cranioplasty following decompressive craniectomy in the trauma setting. <i>British Journal of Neurosurgery</i> , 2015, 29, 64-69.	0.8	7
131	ILBÂ® Attenuates Clinical Symptoms and Serum Biomarkers of Oxidative/Nitrosative Stress and Mitochondrial Dysfunction in Patients with Amyotrophic Lateral Sclerosis. <i>Journal of Personalized Medicine</i> , 2021, 11, 794.	2.5	7
132	A phase II open label clinical study of the safety, tolerability and efficacy of ILBÂ® for Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2022, 17, e0267183.	2.5	7
133	Study of Concussion in Rugby Union through MicroRNAs (SCRUM): a study protocol of a prospective, observational cohort study. <i>BMJ Open</i> , 2018, 8, e024245.	1.9	6
134	Fructose-1,6-Bisphosphate Protects Hippocampal Rat Slices from NMDA Excitotoxicity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2239.	4.1	6
135	Afferent Visual Manifestations of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2778-2789.	3.4	6
136	Photobiomodulation reduces hippocampal apoptotic cell death and produces a Raman spectroscopic âœsignatureâœ. <i>PLoS ONE</i> , 2022, 17, e0264533.	2.5	6
137	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
138	Post-traumatic Spinal Hygroma Causing Cord Compression in Type III Odontoid Fracture With Vertical Atlantoaxial Instability. <i>Spine</i> , 2017, 42, E1092-E1094.	2.0	5
139	Investigation into repetitive concussion in sport (RECOS): study protocol of a prospective, exploratory, observational cohort study. <i>BMJ Open</i> , 2019, 9, e029883.	1.9	5
140	Prospective study with specific Re-Assessment time points to determine time to recovery following a Sports-Related Concussion in university-aged student-athletes. <i>Physical Therapy in Sport</i> , 2021, 52, 287-296.	1.9	5
141	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
142	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. <i>Brain and Spine</i> , 2022, 2, 100854.	0.1	5
143	Improving the quantitative accuracy of cerebral oxygen saturation in monitoring the injured brain using atlas based Near Infrared Spectroscopy models. <i>Journal of Biophotonics</i> , 2016, 9, 812-826.	2.3	4
144	Electronic patient reported outcomes to support care of patients with traumatic brain injury: PRIORiTy study qualitative protocol. <i>BMJ Open</i> , 2019, 9, e024617.	1.9	4

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145	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
146	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
147	The Valsalva maneuver: an indispensable physiological tool to differentiate intra versus extracranial near-infrared signal. <i>Biomedical Optics Express</i> , 2020, 11, 1712.	2.9	4
148	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis. <i>Neurocritical Care</i> , 2022, 36, 927-941.	2.4	4
149	The Development and Psychometric Evaluation of a Supplementary Index Score of the Neuropsychological Assessment Battery Screening Module that is Sensitive to Traumatic Brain Injury. <i>Archives of Clinical Neuropsychology</i> , 2016, 32, 215-227.	0.5	3
150	Serum miR-502: A potential biomarker in the diagnosis of concussion in a pilot study of patients with normal structural brain imaging. <i>Journal of Concussion</i> , 2019, 3, 205970021988619.	0.6	3
151	Care providers' and patients' attitudes toward using electronic-patient reported outcomes to support patients with traumatic brain injury: a qualitative study (PRIORiTy). <i>Brain Injury</i> , 2020, 34, 723-731.	1.2	3
152	Paediatric major incident triage: UK military tool offers best performance in predicting the need for time-critical major surgical and resuscitative intervention. <i>EclinicalMedicine</i> , 2021, 40, 101100.	7.1	3
153	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
154	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. <i>Neurocritical Care</i> , 2021, , 1.	2.4	3
155	Validation of the Neuropsychological Assessment Battery Screening Module (NAB-SM) in patients with traumatic brain injury. <i>Applied Neuropsychology Adult</i> , 2020, , 1-9.	1.2	2
156	The BITMAP exercise: a multi-laboratory performance assessment campaign of diffuse optical instrumentation. , 2019, , .		2
157	Recovery of symptoms, neurocognitive and vestibular-ocular-motor function and academic ability after sports-related concussion (SRC) in university-aged student-athletes: a systematic review. <i>Brain Injury</i> , 2022, 36, 455-468.	1.2	2
158	An adaptive 3D region growing algorithm to automatically segment and identify thoracic aorta and its centerline using computed tomography angiography scans. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
159	Comparison of neurological NIRS signals during standing Valsalva maneuvers, pre and post vasoconstrictor injection. , 2015, , .		1
160	Comparison of near infrared spectroscopy with functional MRI for detection of physiological changes in the brain independent of superficial tissue. <i>Lancet, The</i> , 2016, 387, S34.	13.7	1
161	Tomographic Task-Related Functional Near-Infrared Spectroscopy in Acute Sport-Related Concussion: An Observational Case Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6273.	4.1	1
162	S100B as a Potential Neurochemical Biomarker in a Variety of Neurological, Neuropsychiatric and Neurosurgical Disorders. , 2009, , 13-25.		1

#	ARTICLE	IF	CITATIONS
163	Monitoring the Injured Brain â€“ Registered, patient specific atlas models to improve accuracy of recovered brain saturation values. , 2015, , .		1
164	Effect of early tranexamic acid treatment on fatigue in patients with mild traumatic brain injury: data from the CRASH-3 clinical trial. Wellcome Open Research, 0, 6, 346.	1.8	1
165	Arteriovenous Malformation of the Whole Small Bowelâ€™a Therapeutic Dilemma. Journal of the Royal Society of Medicine, 1998, 91, 147-148.	2.0	0
166	Nimodipine for subarachnoid haemorrhage: the end of the road or better trials?. Lancet Neurology, The, 2006, 5, 993-994.	10.2	0
167	INTRACRANIAL HEMORRHAGE: ANEURYSMAL, IDIOPATHIC, AND HYPERTENSIVE. , 2007, , 587-594.		0
168	Monitoring the injured brain: registered, patient specific atlas models to improve accuracy of recovered brain saturation values. Proceedings of SPIE, 2015, , .	0.8	0
169	DISABILITY FROM POST-TRAUMATIC HEADACHE IS COMPOUNDED BY PTSD. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, e1.210-e1.	1.9	0
170	Critical Care Management of Neurosurgical Patients. , 2018, , 390-419.e1.		0
171	The BitMap dataset: an open dataset on performance assessment of diffuse optics instruments. , 2019, , .		0