Marek Majdan

List of Publications by Year
in descending order

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121	54,082	66343	22832
papers	citations	42 h-index	112 g-index

125	125	125	82597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global, regional, and national ageâ€“sex specific all-cause and cause-specific mortality for 240 causes of death, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 385, 117-171.	13.7	5,847
2	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1211-1259.	13.7	5,578
3	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1545-1602.	13.7	5,298
4	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 743-800.	13.7	4,951
5	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1459-1544.	13.7	4,934
6	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1659-1724.	13.7	4,203
7	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1151-1210.	13.7	3,565
8	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 2287-2323.	13.7	2,184
9	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1603-1658.	13.7	1,612
10	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1260-1344.	13.7	1,589
11	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. Lancet Neurology, The, 2017, 16, 987-1048.	10.2	1,571
12	Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990â€“2013: quantifying the epidemiological transition. Lancet, The, 2015, 386, 2145-2191.	13.7	1,544
13	Global, regional, and national levels and causes of maternal mortality during 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2014, 384, 980-1004.	13.7	1,230
14	Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 56-87.	10.2	1,064
15	The global burden of injury: incidence, mortality, disability-adjusted life years and time trends from the Global Burden of Disease study 2013. Injury Prevention, 2016, 22, 3-18.	2.4	898
16	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2014, 384, 1005-1070.	13.7	786
17	Global, regional, and national levels of maternal mortality, 1990â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1775-1812.	13.7	740
18	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1084-1150.	13.7	573

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19	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980â€“2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1725-1774.	13.7	571
20	Global and National Burden of Diseases and Injuries Among Children and Adolescents Between 1990 and 2013. JAMA Pediatrics, 2016, 170, 267.	6.2	479
21	Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980â€“2015: the Global Burden of Disease Study 2015. Lancet HIV,the, 2016, 3, e361-e387.	4.7	461
22	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. Lancet, The, 2016, 388, 1813-1850.	13.7	413
23	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980â€“2017, and forecasts to 2030, for 195 countries and territories: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors Study 2017. Lancet HIV,the, 2019, 6, e831-e859.	4.7	341
24	Epidemiology of traumatic brain injuries in Europe: a cross-sectional analysis. Lancet Public Health, The, 2016, 1, e76-e83.	10.0	312
25	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
26	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1423-1459.	13.7	284
27	Epidemiology of Traumatic Brain Injury in Europe: A Living Systematic Review. Journal of Neurotrauma, 2021, 38, 1411-1440.	3.4	276
28	The impact of population-wide rapid antigen testing on SARS-CoV-2 prevalence in Slovakia. Science, 2021, 372, 635-641.	12.6	146
29	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. Journal of Clinical Epidemiology, 2020, 122, 95-107.	5.0	117
30	The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study. Injury Prevention, 2020, 26, i83-i95.	2.4	109
31	Outcome after severe brain trauma due to acute subdural hematoma. Journal of Neurosurgery, 2012, 117, 324-333.	1.6	98
32	Epidemiology of injuries from fire, heat and hot substances: global, regional and national morbidity and mortality estimates from the Global Burden of Disease 2017 study. Injury Prevention, 2020, 26, i36-i45.	2.4	93
33	Years of life lost due to traumatic brain injury in Europe: A cross-sectional analysis of 16 countries. PLoS Medicine, 2017, 14, e1002331.	8.4	93
34	Outcomes of Patients with Severe Traumatic Brain Injury Who Have Glasgow Coma Scale Scores of 3 or 4 and Are Over 65 Years Old. Journal of Neurotrauma, 2010, 27, 1549-1555.	3.4	68
35	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. Injury Prevention, 2020, 26, i27-i35.	2.4	67
36	Epidemiology, treatment and outcome of patients after severe traumatic brain injury in European regions with different economic status. European Journal of Public Health, 2008, 18, 575-580.	0.3	66

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37	Falls in older aged adults in 22 European countries: incidence, mortality and burden of disease from 1990 to 2017. Injury Prevention, 2020, 26, i67-i74.	2.4	65
38	Glasgow Coma Scale Motor Score and Pupillary Reaction To Predict Six-Month Mortality in Patients with Traumatic Brain Injury: Comparison of Field and Admission Assessment. Journal of Neurotrauma, 2015, 32, 101-108.	3.4	56
39	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury. JAMA Neurology, 2021, 78, 1137.	9.0	53
40	Global trends of hand and wrist trauma: a systematic analysis of fracture and digit amputation using the Global Burden of Disease 2017 Study. Injury Prevention, 2020, 26, i115-i124.	2.4	51
41	Incidence of Sports-Related Traumatic Brain Injury of All Severities: A Systematic Review. Neuroepidemiology, 2020, 54, 192-199.	2.3	50
42	Impact of concomitant injuries on outcomes after traumatic brain injury. Archives of Orthopaedic and Trauma Surgery, 2013, 133, 659-668.	2.4	48
43	Barbiturates Use and Its Effects in Patients with Severe Traumatic Brain Injury in Five European Countries. Journal of Neurotrauma, 2013, 30, 23-29.	3.4	45
44	Population vulnerability to COVID-19 in Europe: a burden of disease analysis. Archives of Public Health, 2020, 78, 47.	2.4	45
45	Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. Injury Prevention, 2020, 26, i12-i26.	2.4	44
46	Epidemiology of traumatic brain injury in Austria. Wiener Klinische Wochenschrift, 2014, 126, 42-52.	1.9	43
47	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and) Tj ETQq1 1 0.784314 rgBT /Overlock 1 20, 627-638.	10.2	40
48	Severe Traumatic Brain Injury in Austria I: Introduction to the study. Wiener Klinische Wochenschrift, 2007, 119, 23-28.	1.9	39
49	Effects of Gender on Outcomes After Traumatic Brain Injury. Journal of Trauma, 2011, 71, 1620-1626.	2.3	39
50	Epidemiology of traumatic spinal cord injuries in Austria 2002â€“2012. European Spine Journal, 2016, 25, 62-73.	2.2	39
51	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 235-251.	3.4	39
52	Severe Traumatic Brain Injury in Austria VI: Effects of guideline-based management. Wiener Klinische Wochenschrift, 2007, 119, 64-71.	1.9	38
53	Severity and outcome of traumatic brain injuries (TBI) with different causes of injury. Brain Injury, 2011, 25, 797-805.	1.2	38
54	Outcome Prediction after Traumatic Brain Injury: Comparison of the Performance of Routinely Used Severity Scores and Multivariable Prognostic Models. Journal of Neurosciences in Rural Practice, 2017, 08, 020-029.	0.8	38

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55	Performance of IMPACT, CRASH and Nijmegen models in predicting six month outcome of patients with severe or moderate TBI: an external validation study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2014, 22, 68.	2.6	37
56	Outcome of brain trauma patients who have a Glasgow Coma Scale score of 3 and bilateral fixed and dilated pupils in the field. European Journal of Emergency Medicine, 2009, 16, 153-158.	1.1	34
57	Traumatic brain injuries caused by traffic accidents in five European countries: outcome and public health consequences. European Journal of Public Health, 2013, 23, 682-687.	0.3	34
58	Unmet Rehabilitation Needs after Traumatic Brain Injury across Europe: Results from the CENTER-TBI Study. Journal of Clinical Medicine, 2021, 10, 1035.	2.4	34
59	Changing Epidemiological Patterns in Traumatic Brain Injury: A Longitudinal Hospital-Based Study in Belgium. Neuroepidemiology, 2017, 48, 63-70.	2.3	33
60	Glasgow Coma Scale score at intensive care unit discharge predicts the 1-year outcome of patients with severe traumatic brain injury. European Journal of Trauma and Emergency Surgery, 2013, 39, 285-292.	1.7	29
61	Serum metabolome associated with severity of acute traumatic brain injury. Nature Communications, 2022, 13, 2545.	12.8	29
62	Surgery versus conservative treatment for traumatic acute subdural haematoma: a prospective, multicentre, observational, comparative effectiveness study. Lancet Neurology, The, 2022, 21, 620-631.	10.2	26
63	Unintentional fall-related mortality in the elderly: comparing patterns in two countries with different demographic structure. BMJ Open, 2015, 5, e008672.	1.9	24
64	Outcome Prediction after Moderate and Severe Traumatic Brain Injury: External Validation of Two Established Prognostic Models in 1742 European Patients. Journal of Neurotrauma, 2021, 38, 1377-1388.	3.4	23
65	FIELD COMPARISON OF COMMERCIALLY AVAILABLE SHORT-TERM RADON DETECTORS. Health Physics, 2006, 91, 221-226.	0.5	22
66	Outcome after severe brain trauma associated with epidural hematoma. Archives of Orthopaedic and Trauma Surgery, 2013, 133, 199-207.	2.4	21
67	Mortality due to traumatic spinal cord injuries in Europe: a cross-sectional and pooled analysis of population-wide data from 22 countries. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2017, 25, 64.	2.6	21
68	Factors that may improve outcomes of early traumatic brain injury care: prospective multicenter study in Austria. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 53.	2.6	20
69	Toward a New Multi-Dimensional Classification of Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research for Traumatic Brain Injury Study. Journal of Neurotrauma, 2020, 37, 1002-1010.	3.4	20
70	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. Journal of Neurotrauma, 2021, 38, 196-209.	3.4	20
71	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. British Journal of Anaesthesia, 2020, 125, 505-517.	3.4	19
72	The burden of traumatic brain injury from low-energy falls among patients from 18 countries in the CENTER-TBI Registry: A comparative cohort study. PLoS Medicine, 2021, 18, e1003761.	8.4	19

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73	Epidemiology and Patterns of Transport-Related Fatalities in Austria 1980â€“2012. Traffic Injury Prevention, 2015, 16, 450-455.	1.4	17
74	Fatal traumatic brain injury in older adults in Austria 1980â€“2012: an analysis of 33 years. Age and Ageing, 2015, 44, 502-506.	1.6	17
75	Missing Data in Prediction Research: A Five-Step Approach for Multiple Imputation, Illustrated in the CENTER-TBI Study. Journal of Neurotrauma, 2021, 38, 1842-1857.	3.4	16
76	Long-Term Trends and Patterns of Fatal Traumatic Brain Injuries in the Pediatric and Adolescent Population of Austria in 1980â€“2012: Analysis of 33 Years. Journal of Neurotrauma, 2014, 31, 1046-1055.	3.4	13
77	Deaths due to traumatic brain injury in Austria between 1980 and 2012. Brain Injury, 2014, 28, 1096-1101.	1.2	13
78	Care transitions in the first 6 months following traumatic brain injury: Lessons from the CENTER-TBI study. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101458.	2.3	13
79	Road traffic mortality in the Slovak Republic in 1996â€“2014. Traffic Injury Prevention, 2016, 17, 692-698.	1.4	12
80	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. Neurorehabilitation and Neural Repair, 2020, 34, 814-830.	2.9	12
81	Comparison of Care System and Treatment Approaches for Patients with Traumatic Brain Injury in China versus Europe: A CENTER-TBI Survey Study. Journal of Neurotrauma, 2020, 37, 1806-1817.	3.4	12
82	The impact of body mass index on severity, patterns and outcomes after traumatic brain injuries caused by low level falls. European Journal of Trauma and Emergency Surgery, 2015, 41, 651-656.	1.7	11
83	Management and outcome of traumatic epidural hematoma in 41Âinfants and children from a single center. Orthopaedics and Traumatology: Surgery and Research, 2016, 102, 769-774.	2.0	11
84	Health care utilization and outcomes in older adults after Traumatic Brain Injury: A CENTER-TBI study. Injury, 2022, 53, 2774-2782.	1.7	11
85	Assessment of the biomass related indoor air pollution in Kwale district in Kenya using short term monitoring. African Health Sciences, 2015, 15, 972.	0.7	10
86	Predictors of Depression Symptoms in Patients with Diabetes in Slovakia. International Journal of Psychiatry in Medicine, 2012, 44, 351-366.	1.8	9
87	Citicoline in severe traumatic brain injury: indications for improved outcome. Wiener Klinische Wochenschrift, 2018, 130, 37-44.	1.9	9
88	The burden of injury in Central, Eastern, and Western European sub-region: a systematic analysis from the Global Burden of Disease 2019 Study. Archives of Public Health, 2022, 80, 142.	2.4	9
89	Primary versus early secondary referral to a specialized neurotrauma center in patients with moderate/severe traumatic brain injury: a CENTER TBI study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2021, 29, 113.	2.6	8
90	Assessment of the Indoor Environment and Implications for Health in Roma Villages in Slovakia and Romania. Central European Journal of Public Health, 2012, 20, 199-207.	1.1	8

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91	Hospital admissions for traumatic brain injury of Austrian residents vs. of visitors to Austria. Brain Injury, 2014, 28, 1295-1300.	1.2	7
92	Assessment of health risks of policies. Environmental Impact Assessment Review, 2014, 48, 47-52.	9.2	7
93	Burden of Traumatic Brain Injuries in Children and Adolescents in Europe: Hospital Discharges, Deaths and Years of Life Lost. Children, 2022, 9, 105.	1.5	7
94	Outcome of patients with severe brain trauma who were treated either by neurosurgeons or by trauma surgeons. Journal of Trauma, 2012, 72, 1263-1270.	2.3	6
95	Location of traumatic brain injury-related deaths: epidemiological analysis of 11 European countries. Brain Injury, 2019, 33, 830-835.	1.2	6
96	Tailoring Multi-Dimensional Outcomes to Level of Functional Recovery after Traumatic Brain Injury. Journal of Neurotrauma, 2022, 39, 1363-1381.	3.4	6
97	One-year outcome and course of recovery after severe traumatic brain injury. European Journal of Trauma and Emergency Surgery, 2011, 37, 387-395.	1.7	5
98	Characteristics and outcome of severe traumatic brain injuries based on occupational status. European Journal of Trauma and Emergency Surgery, 2021, 47, 2035-2041.	1.7	5
99	The increasing significance of disease severity in a burden of disease framework. Scandinavian Journal of Public Health, 2023, 51, 296-300.	2.3	5
100	Severity, Causes and Outcomes of Traumatic Brain Injuries Occurring at Different Locations: Implications for Prevention and Public Health. Central European Journal of Public Health, 2015, 23, 142-148.	1.1	5
101	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. Brain and Spine, 2022, 2, 100854.	0.1	5
102	Health-related quality of life after traumatic brain injury: deriving value sets for the QOLIBRI-OS for Italy, The Netherlands and The United Kingdom. Quality of Life Research, 2020, 29, 3095-3107.	3.1	4
103	Persistent postconcussive symptoms in children and adolescents with mild traumatic brain injury receiving initial head computed tomography. Journal of Neurosurgery: Pediatrics, 2021, 27, 538-547.	1.3	4
104	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis. Neurocritical Care, 2022, 36, 927-941.	2.4	4
105	Effekt des Zeitpunkts der Aufnahme im Krankenhaus auf das Behandlungsergebnis nach schwerem SchÃ¤delhirntrauma in Ã–sterreich. Wiener Klinische Wochenschrift, 2014, 126, 278-285.	1.9	3
106	Vibrational Spectroscopy for the Triage of Traumatic Brain Injury Computed Tomography Priority and Hospital Admissions. Journal of Neurotrauma, 2022, 39, 773-783.	3.4	3
107	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. Neurocritical Care, 2021, , 1.	2.4	3
108	Management and Outcome of Traumatic Intracerebral Hemorrhage in 79 Infants and Children from a Single Level 1 Trauma Center. Children, 2021, 8, 854.	1.5	2

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109	Effectiveness of various ventilation systems in reducing exposure to biomass related particles: A real-life experiment. Annals of Tropical Medicine and Public Health, 2015, 8, 45.	0.1	2
110	Comparison of birthweight patterns in rural municipalities with and without a Roma community: a cross-sectional analysis in Slovakia 2009-2013. Central European Journal of Public Health, 2018, 26, 278-283.	1.1	2
111	Head impacts in youth national hockey leagues inÂSlovakia: aÂretrospective analysis ofÂfour seasons. General Physiology and Biophysics, 2021, 40, 569-576.	0.9	1
112	NITRATES IN DRINKING WATER: SCOPE OF THE PROBLEM AND HEALTH EFFECTS IN CENTRAL AND EASTERN EUROPE. Epidemiology, 2004, 15, S110.	2.7	0
113	Prise en charge des hÃ©matomes Ã©piduraux traumatiques chez lâ€™enfant. Revue De Chirurgie Orthopedique Et Traumatologique, 2016, 102, 568.	0.0	0
114	Impact of Distance of Residence of Mothers from Hazardous Waste Sites(HWS) on the Birthweight of Their Newborns. A Slovakian Pilot Study. Epidemiology, 2006, 17, S348-S349.	2.7	0
115	Naproxen and Diclofenac Attenuate Atorvastatin-induced Preconditioning of the Myocardium. Cureus, 2017, 9, e1201.	0.5	0
116	SYSTEMATIC REVIEWS IN THE PRACTICE OF THE EPIDEMIOLOGY OF TRAUMATIC BRAIN INJURIES. Polonia University Scientific Journal, 2019, 35, 121-130.	0.1	0
117	EPIDEMIOLOGY OF TRAUMATIC BRAIN INJURY IN PEDIATRIC AND ADOLESCENT POPULATION IN COUNTRIES OF VISEGRAD GROUP. Polonia University Scientific Journal, 2020, 37, 121-132.	0.1	0
118	Socioeconomic Consequences. , 2020, , 623-627.		0
119	Epidemiological Aspects. , 2020, , 3-7.		0
120	Commentary. Journal of Neurosciences in Rural Practice, 2012, 3, 135-6.	0.8	0
121	Randomised, double-blind, placebo-controlled study investigating Safety and efficAcy of MLC901 in post-traUmatic bRAin Injury: the SAMURAI study protocol. BMJ Open, 2022, 12, e059167.	1.9	0