

Marek Majdan

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112
papers

37,586
citations

36
h-index

125
g-index

125
ext. papers

46,343
ext. citations

10.3
avg, IF

7.58
L-index

#	Paper	IF	Citations
112	Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2015 , 385, 117-71	40	4599
111	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2015 , 386, 743-800	40	3802
110	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1545-1602	40	3801
109	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1459-1544	40	3525
108	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1211-1259	40	3432
107	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1151-1210	40	2542
106	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1659-1724	40	2431
105	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2015 , 386, 2287-323	40	1776
104	Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1603-1658	40	1216
103	Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. <i>Lancet, The</i> , 2015 , 386, 2145-91	40	1203
102	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1260-1344	40	1152
101	Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2014 , 384, 980-1004	40	950
100	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology, The</i> , 2017 , 16, 987-1048	24.1	851
99	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2014 , 384, 1005-70	40	653
98	The global burden of injury: incidence, mortality, disability-adjusted life years and time trends from the Global Burden of Disease study 2013. <i>Injury Prevention</i> , 2016 , 22, 3-18	3.2	611
97	Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 56-87	24.1	480
96	Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1775-1812	40	476

95	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1084-1150	40	421
94	Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1725-1774	40	413
93	Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: the Global Burden of Disease Study 2015. <i>Lancet HIV,the</i> , 2016 , 3, e361-e387	7.8	382
92	Global and National Burden of Diseases and Injuries Among Children and Adolescents Between 1990 and 2013: Findings From the Global Burden of Disease 2013 Study. <i>JAMA Pediatrics</i> , 2016 , 170, 267-87	8.3	347
91	Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2016 , 388, 1813-1850	40	302
90	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. <i>Lancet, The</i> , 2017 , 390, 1423-1459	40	224
89	Epidemiology of traumatic brain injuries in Europe: a cross-sectional analysis. <i>Lancet Public Health, The</i> , 2016 , 1, e76-e83	22.4	199
88	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2017, and forecasts to 2030, for 195 countries and territories: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors Study 2017. <i>Lancet HIV,the</i> , 2019 , 6, e831-e859	7.8	191
87	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, The</i> , 2019 , 18, 923-934	24.1	139
86	Epidemiology of Traumatic Brain Injury in Europe: A Living Systematic Review. <i>Journal of Neurotrauma</i> , 2021 , 38, 1411-1440	5.4	130
85	Outcome after severe brain trauma due to acute subdural hematoma. <i>Journal of Neurosurgery</i> , 2012 , 117, 324-33	3.2	81
84	Years of life lost due to traumatic brain injury in Europe: A cross-sectional analysis of 16 countries. <i>PLoS Medicine</i> , 2017 , 14, e1002331	11.6	61
83	The impact of population-wide rapid antigen testing on SARS-CoV-2 prevalence in Slovakia. <i>Science</i> , 2021 , 372, 635-641	33.3	61
82	Outcomes of patients with severe traumatic brain injury who have Glasgow Coma Scale scores of 3 or 4 and are over 65 years old. <i>Journal of Neurotrauma</i> , 2010 , 27, 1549-55	5.4	56
81	Epidemiology, treatment and outcome of patients after severe traumatic brain injury in European regions with different economic status. <i>European Journal of Public Health</i> , 2008 , 18, 575-80	2.1	56
80	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	5.7	47
79	The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 Study. <i>Injury Prevention</i> , 2020 , 26, i83-i95	3.2	45
78	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. <i>Journal of Neurotrauma</i> , 2015 , 32, 101-8	5.4	41

77	Impact of concomitant injuries on outcomes after traumatic brain injury. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013 , 133, 659-68	3.6	41
76	Severe traumatic brain injury in Austria I: introduction to the study. <i>Wiener Klinische Wochenschrift</i> , 2007 , 119, 23-8	2.3	35
75	Severe traumatic brain injury in Austria VI: effects of guideline-based management. <i>Wiener Klinische Wochenschrift</i> , 2007 , 119, 64-71	2.3	35
74	Severity and outcome of traumatic brain injuries (TBI) with different causes of injury. <i>Brain Injury</i> , 2011 , 25, 797-805	2.1	34
73	Barbiturates use and its effects in patients with severe traumatic brain injury in five European countries. <i>Journal of Neurotrauma</i> , 2013 , 30, 23-9	5.4	33
72	Effects of gender on outcomes after traumatic brain injury. <i>Journal of Trauma</i> , 2011 , 71, 1620-6		32
71	Performance of IMPACT, CRASH and Nijmegen models in predicting six month outcome of patients with severe or moderate TBI: an external validation study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2014 , 22, 68	3.6	31
70	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. <i>Injury Prevention</i> , 2020 , 26, i36-i45	3.2	30
69	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020 , 26, i27-i35	3.2	28
68	Population vulnerability to COVID-19 in Europe: a burden of disease analysis. <i>Archives of Public Health</i> , 2020 , 78, 47	2.6	27
67	Epidemiology of traumatic spinal cord injuries in Austria 2002-2012. <i>European Spine Journal</i> , 2016 , 25, 62-73	2.7	27
66	Epidemiology of traumatic brain injury in Austria. <i>Wiener Klinische Wochenschrift</i> , 2014 , 126, 42-52	2.3	27
65	Outcome of brain trauma patients who have a Glasgow Coma Scale score of 3 and bilateral fixed and dilated pupils in the field. <i>European Journal of Emergency Medicine</i> , 2009 , 16, 153-8	2.3	27
64	Changing Epidemiological Patterns in Traumatic Brain Injury: A Longitudinal Hospital-Based Study in Belgium. <i>Neuroepidemiology</i> , 2017 , 48, 63-70	5.4	25
63	Traumatic brain injuries caused by traffic accidents in five European countries: outcome and public health consequences. <i>European Journal of Public Health</i> , 2013 , 23, 682-7	2.1	25
62	Outcome Prediction after Traumatic Brain Injury: Comparison of the Performance of Routinely Used Severity Scores and Multivariable Prognostic Models. <i>Journal of Neurosciences in Rural Practice</i> , 2017 , 8, 20-29	1.1	22
61	Unintentional fall-related mortality in the elderly: comparing patterns in two countries with different demographic structure. <i>BMJ Open</i> , 2015 , 5, e008672	3	19
60	The impact of population-wide rapid antigen testing on SARS-CoV-2 prevalence in Slovakia		19

59	Field comparison of commercially available short-term radon detectors. <i>Health Physics</i> , 2006 , 91, 221-6	2.3	18
58	Falls in older aged adults in 22 European countries: incidence, mortality and burden of disease from 1990 to 2017. <i>Injury Prevention</i> , 2020 , 26, i67-i74	3.2	17
57	Incidence of Sports-Related Traumatic Brain Injury of All Severities: A Systematic Review. <i>Neuroepidemiology</i> , 2020 , 54, 192-199	5.4	16
56	Mortality due to traumatic spinal cord injuries in Europe: a cross-sectional and pooled analysis of population-wide data from 22 countries. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2017 , 25, 64	3.6	16
55	Glasgow Coma Scale score at intensive care unit discharge predicts the 1-year outcome of patients with severe traumatic brain injury. <i>European Journal of Trauma and Emergency Surgery</i> , 2013 , 39, 285-92	2.3	16
54	Factors that may improve outcomes of early traumatic brain injury care: prospective multicenter study in Austria. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2015 , 23, 53	3.6	16
53	Fatal traumatic brain injury in older adults in Austria 1980-2012: an analysis of 33 years. <i>Age and Ageing</i> , 2015 , 44, 502-6	3	15
52	Outcome after severe brain trauma associated with epidural hematoma. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2013 , 133, 199-207	3.6	14
51	Epidemiology and patterns of transport-related fatalities in Austria 1980-2012. <i>Traffic Injury Prevention</i> , 2015 , 16, 450-5	1.8	13
50	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. <i>Injury Prevention</i> , 2020 , 26, i12-i26	3.2	13
49	Long-term trends and patterns of fatal traumatic brain injuries in the pediatric and adolescent population of Austria in 1980-2012: analysis of 33 years. <i>Journal of Neurotrauma</i> , 2014 , 31, 1046-55	5.4	12
48	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021 , 38, 235-251	5.4	12
47	The impact of body mass index on severity, patterns and outcomes after traumatic brain injuries caused by low level falls. <i>European Journal of Trauma and Emergency Surgery</i> , 2015 , 41, 651-6	2.3	11
46	Deaths due to traumatic brain injury in Austria between 1980 and 2012. <i>Brain Injury</i> , 2014 , 28, 1096-101	2.1	11
45	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	5.4	11
44	Global trends of hand and wrist trauma: a systematic analysis of fracture and digit amputation using the Global Burden of Disease 2017 Study. <i>Injury Prevention</i> , 2020 , 26, i115-i124	3.2	10
43	Pathological Computed Tomography Features Associated With Adverse Outcomes After Mild Traumatic Brain Injury: A TRACK-TBI Study With External Validation in CENTER-TBI. <i>JAMA Neurology</i> , 2021 , 78, 1137-1148	17.2	10
42	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	5.4	9

41	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , 2020 , 125, 505-517	5.4	9
40	Management and outcome of traumatic epidural hematoma in 41 infants and children from a single center. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2016 , 102, 769-74	2.9	8
39	Road traffic mortality in the Slovak Republic in 1996-2014. <i>Traffic Injury Prevention</i> , 2016 , 17, 692-8	1.8	8
38	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	5.4	7
37	Assessment of health risks of policies. <i>Environmental Impact Assessment Review</i> , 2014 , 48, 47-52	5.3	7
36	Citicoline in severe traumatic brain injury: indications for improved outcome : A retrospective matched pair analysis from 14 Austrian trauma centers. <i>Wiener Klinische Wochenschrift</i> , 2018 , 130, 37-44 ^{2.3}	2.3	6
35	Assessment of the biomass related indoor air pollution in Kwale district in Kenya using short term monitoring. <i>African Health Sciences</i> , 2015 , 15, 972-81	1.1	6
34	Predictors of depression symptoms in patients with diabetes in Slovakia. <i>International Journal of Psychiatry in Medicine</i> , 2012 , 44, 351-66	1	6
33	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and OzENTER-TBI): a prospective, multicentre, comparative effectiveness study. <i>Lancet Neurology</i> , 2021 , 20, 627-638	24.1	6
32	Severity, Causes and Outcomes of Traumatic Brain Injuries Occurring at Different Locations: Implications for Prevention and Public Health. <i>Central European Journal of Public Health</i> , 2015 , 23, 142-8 ^{1.2}	1.2	5
31	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. <i>Neurorehabilitation and Neural Repair</i> , 2020 , 34, 814-830	4.7	5
30	Hospital admissions for traumatic brain injury of Austrian residents vs. of visitors to Austria. <i>Brain Injury</i> , 2014 , 28, 1295-300	2.1	4
29	Outcome of patients with severe brain trauma who were treated either by neurosurgeons or by trauma surgeons. <i>Journal of Trauma</i> , 2012 , 72, 1263-70		4
28	Assessment of the indoor environment and implications for health in Roma villages in Slovakia and Romania. <i>Central European Journal of Public Health</i> , 2012 , 20, 199-207	1.2	4
27	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	5.4	4
26	Missing Data in Prediction Research: A Five-Step Approach for Multiple Imputation, Illustrated in the CENTER-TBI Study. <i>Journal of Neurotrauma</i> , 2021 , 38, 1842-1857	5.4	4
25	Location of traumatic brain injury-related deaths: epidemiological analysis of 11 European countries. <i>Brain Injury</i> , 2019 , 33, 830-835	2.1	3
24	Effects of time of hospital admission on outcomes after severe traumatic brain injury in Austria. <i>Wiener Klinische Wochenschrift</i> , 2014 , 126, 278-85	2.3	3

23	One-year outcome and course of recovery after severe traumatic brain injury. <i>European Journal of Trauma and Emergency Surgery</i> , 2011 , 37, 387-95	2.3	3
22	Unmet Rehabilitation Needs after Traumatic Brain Injury across Europe: Results from the CENTER-TBI Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
21	Characteristics and outcome of severe traumatic brain injuries based on occupational status. <i>European Journal of Trauma and Emergency Surgery</i> , 2021 , 47, 2035-2041	2.3	3
20	Effectiveness of various ventilation systems in reducing exposure to biomass related particles: A real-life experiment. <i>Annals of Tropical Medicine and Public Health</i> , 2015 , 8, 45		2
19	Persistent postconcussive symptoms in children and adolescents with mild traumatic brain injury receiving initial head computed tomography. <i>Journal of Neurosurgery: Pediatrics</i> , 2021 , 1-10	2.1	2
18	The increasing significance of disease severity in a burden of disease framework. <i>Scandinavian Journal of Public Health</i> , 2021 , 14034948211024478	3	2
17	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	3.6	2
16	The burden of traumatic brain injury from low-energy falls among patients from 18 countries in the CENTER-TBI Registry: A comparative cohort study. <i>PLoS Medicine</i> , 2021 , 18, e1003761	11.6	2
15	Care transitions in the first 6months following traumatic brain injury: Lessons from the CENTER-TBI study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021 , 64, 101458	3.8	2
14	Serum metabolome associated with severity of acute traumatic brain injury.. <i>Nature Communications</i> , 2022 , 13, 2545	17.4	2
13	Head impacts in youth national hockey leagues in Slovakia: a retrospective analysis of four seasons.. <i>General Physiology and Biophysics</i> , 2021 , 40, 569-576	2.1	1
12	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	3.7	1
11	Neurocognitive correlates of probable posttraumatic stress disorder following traumatic brain injury. <i>Brain and Spine</i> , 2022 , 2, 100854		0
10	Comparison of birthweight patterns in rural municipalities with and without a Roma community: a cross-sectional analysis in Slovakia 2009-2013. <i>Central European Journal of Public Health</i> , 2018 , 26, 278-283	1.2	0
9	Can We Cluster ICU Treatment Strategies for Traumatic Brain Injury by Hospital Treatment Preferences?. <i>Neurocritical Care</i> , 2021 , 1	3.3	0
8	Extended Coagulation Profiling in Isolated Traumatic Brain Injury: A CENTER-TBI Analysis.. <i>Neurocritical Care</i> , 2021 , 1	3.3	0
7	The burden of injury in Central, Eastern, and Western European sub-region: a systematic analysis from the Global Burden of Disease 2019 Study.. <i>Archives of Public Health</i> , 2022 , 80, 142	2.6	0
6	Epidemiological Aspects 2020 , 3-7		

- 5 Commentary. *Journal of Neurosciences in Rural Practice*, **2012**, 3, 135-6 1.1
- 4 Socioeconomic Consequences **2020**, 623-627
- 3 Naproxen and Diclofenac Attenuate Atorvastatin-induced Preconditioning of the Myocardium. *Cureus*, **2017**, 9, e1201 1.2
- 2 Prise en charge des hématomes épiduraux traumatiques chez l'enfant. *Revue De Chirurgie Orthopedique Et Traumatologique*, **2016**, 102, 568 0
- 1 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 3