

Charles DiMaggio

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

6,660
citations

87888

38
h-index

66911

78
g-index

135
all docs

135
docs citations

135
times ranked

6729
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Between a Single General Anesthesia Exposure Before Age 36 Months and Neurocognitive Outcomes in Later Childhood. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 2312.	7.4	729
2	Long-term Differences in Language and Cognitive Function After Childhood Exposure to Anesthesia. <i>Pediatrics</i> , 2012, 130, e476-e485.	2.1	548
3	Early Childhood Exposure to Anesthesia and Risk of Developmental and Behavioral Disorders in a Sibling Birth Cohort. <i>Anesthesia and Analgesia</i> , 2011, 113, 1143-1151.	2.2	474
4	A Retrospective Cohort Study of the Association of Anesthesia and Hernia Repair Surgery With Behavioral and Developmental Disorders in Young Children. <i>Journal of Neurosurgical Anesthesiology</i> , 2009, 21, 286-291.	1.2	436
5	Estimated Deaths Attributable to Social Factors in the United States. <i>American Journal of Public Health</i> , 2011, 101, 1456-1465.	2.7	405
6	Driving Cessation and Health Outcomes in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 332-341.	2.6	329
7	Marijuana Use and Motor Vehicle Crashes. <i>Epidemiologic Reviews</i> , 2012, 34, 65-72.	3.5	291
8	Traumatic injury in the United States: In-patient epidemiology 2000-2011. <i>Injury</i> , 2016, 47, 1393-1403.	1.7	183
9	Preparing Health Professions Students for Terrorism, Disaster, and Public Health Emergencies: Core Competencies. <i>Academic Medicine</i> , 2005, 80, 517-526.	1.6	149
10	Comparative Analysis of Outcome Measures Used in Examining Neurodevelopmental Effects of Early Childhood Anesthesia Exposure. <i>Anesthesiology</i> , 2014, 120, 1319-1332.	2.5	143
11	Effectiveness of bystander naloxone administration and overdose education programs: a meta-analysis. <i>Injury Epidemiology</i> , 2015, 2, 10.	1.8	135
12	Prescription Drug Monitoring and Dispensing of Prescription Opioids. <i>Public Health Reports</i> , 2014, 129, 139-147.	2.5	130
13	Pediatric Anesthesia and Neurodevelopmental Impairments. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 376-381.	1.2	121
14	Black/African American Communities are at highest risk of COVID-19: spatial modeling of New York City ZIP Code-level testing results. <i>Annals of Epidemiology</i> , 2020, 51, 7-13.	1.9	97
15	Bayesian hierarchical spatial models: Implementing the Besag York Mollié model in stan. <i>Spatial and Spatio-temporal Epidemiology</i> , 2019, 31, 100301.	1.7	92
16	Anesthesia and Neurodevelopment in Children. <i>Anesthesiology</i> , 2008, 109, 757-761.	2.5	90
17	Feasibility and Pilot Study of the Pediatric Anesthesia NeuroDevelopment Assessment (PANDA) Project. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 382-388.	1.2	90
18	Age at Exposure to Surgery and Anesthesia in Children and Association With Mental Disorder Diagnosis. <i>Anesthesia and Analgesia</i> , 2017, 125, 1988-1998.	2.2	82

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19	Child Pedestrian Injury in an Urban Setting Descriptive Epidemiology. Academic Emergency Medicine, 2002, 9, 54-62.	1.8	81
20	Effectiveness of a Safe Routes to School Program in Preventing School-Aged Pedestrian Injury. Pediatrics, 2013, 131, 290-296.	2.1	80
21	Risk markers for fatal and non-fatal prescription drug overdose: a meta-analysis. Injury Epidemiology, 2017, 4, 24.	1.8	76
22	Substance use and misuse in the aftermath of terrorism. A Bayesian meta-analysis. Addiction, 2009, 104, 894-904.	3.3	74
23	Use of Google Street View to Assess Environmental Contributions to Pedestrian Injury. American Journal of Public Health, 2016, 106, 462-469.	2.7	73
24	The Willingness of U.S. Emergency Medical Technicians to Respond to Terrorist Incidents. Biosecurity and Bioterrorism, 2005, 3, 331-337.	1.2	71
25	The vulnerabilities of age: burns in children and older adults. Surgery, 2006, 140, 705-717.	1.9	69
26	The Behavioral Consequences of Terrorism: A Meta-Analysis. Academic Emergency Medicine, 2006, 13, 559-566.	1.8	61
27	Longitudinal Research on Aging Drivers (LongROAD): study design and methods. Injury Epidemiology, 2017, 4, 22.	1.8	59
28	Prescription drug monitoring and drug overdose mortality. Injury Epidemiology, 2014, 1, 9.	1.8	58
29	Neurodevelopmental Outcomes After Initial Childhood Anesthetic Exposure Between Ages 3 and 10 Years. Journal of Neurosurgical Anesthesiology, 2014, 26, 377-386.	1.2	56
30	Race and ethnicity, neighborhood poverty and pediatric firearm hospitalizations in the United States. Annals of Epidemiology, 2016, 26, 1-6.e2.	1.9	55
31	The Epidemiology of Emergency Department Trauma Discharges in the United States. Academic Emergency Medicine, 2017, 24, 1244-1256.	1.8	53
32	Launching injury epidemiology. Injury Epidemiology, 2014, 1, 1.	1.8	50
33	Small-Area Spatiotemporal Analysis of Pedestrian and Bicyclist Injuries in New York City. Epidemiology, 2015, 26, 247-254.	2.7	47
34	Association of Recreational Cannabis Laws in Colorado and Washington State With Changes in Traffic Fatalities, 2005-2017. JAMA Internal Medicine, 2020, 180, 1061.	5.1	47
35	Association between overcrowded households, multigenerational households, and COVID-19: a cohort study. Public Health, 2021, 198, 273-279.	2.9	47
36	Injuries associated with electric-powered bikes and scooters: analysis of US consumer product data. Injury Prevention, 2020, 26, 524-528.	2.4	46

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37	Underrepresented Minorities in Surgical Residencies. <i>Annals of Surgery</i> , 2020, 272, 512-520.	4.2	45
38	Changes in US mass shooting deaths associated with the 1994â€“2004 federal assault weapons ban: Analysis of open-source data. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 11-19.	2.1	43
39	Roadway Characteristics and Pediatric Pedestrian Injury. <i>Epidemiologic Reviews</i> , 2012, 34, 46-56.	3.5	40
40	Comfort Level of Emergency Medical Service Providers in Responding to Weapons of Mass Destruction Events: Impact of Training and Equipment. <i>Prehospital and Disaster Medicine</i> , 2007, 22, 297-303.	1.3	38
41	Child Pedestrian Injury in an Urban Setting Descriptive Epidemiology. <i>Academic Emergency Medicine</i> , 2002, 9, 54-62.	1.8	38
42	The epidemiology of inpatient pediatric trauma in United States hospitals 2000 to 2011. <i>Journal of Pediatric Surgery</i> , 2018, 53, 758-764.	1.6	35
43	Alcohol use by urban bicyclists is associated with more severe injury, greater hospital resource use, and higher mortality. <i>Alcohol</i> , 2016, 53, 1-7.	1.7	34
44	The Cost-Effectiveness of New York Cityâ€™s Safe Routes to School Program. <i>American Journal of Public Health</i> , 2014, 104, 1294-1299.	2.7	33
45	Not all protected bike lanes are the same: Infrastructure and risk of cyclist collisions and falls leading to emergency department visits in three U.S. cities. <i>Accident Analysis and Prevention</i> , 2020, 141, 105490.	5.7	33
46	Latent Class Analysis of Neurodevelopmental Deficit After Exposure to Anesthesia in Early Childhood. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 264-273.	1.2	30
47	National Safe Routes to School program and risk of school-age pedestrian and bicyclist injury. <i>Annals of Epidemiology</i> , 2016, 26, 412-417.	1.9	28
48	Epidemiology of paediatric trauma presenting to US emergency departments: 2006â€“2012. <i>Injury Prevention</i> , 2019, 25, 136-143.	2.4	28
49	Emergency department utilization and subsequent prescription drug overdose death. <i>Annals of Epidemiology</i> , 2015, 25, 613-619.e2.	1.9	27
50	Emergency Department Visits for Behavioral and Mental Health Care After a Terrorist Attack. <i>Annals of Emergency Medicine</i> , 2007, 50, 327-334.	0.6	26
51	Effectiveness of Mandatory Alcohol Testing Programs in Reducing Alcohol Involvement in Fatal Motor Carrier Crashes. <i>American Journal of Epidemiology</i> , 2009, 170, 775-782.	3.4	25
52	The Effect of Sharrows, Painted Bicycle Lanes and Physically Protected Paths on the Severity of Bicycle Injuries Caused by Motor Vehicles. <i>Safety</i> , 2016, 2, 26.	1.7	24
53	Population Psychiatric Medication Prescription Rates following a Terrorist Attack. <i>Prehospital and Disaster Medicine</i> , 2007, 22, 479-484.	1.3	23
54	Temporal Changes in REBOA Utilization Practices are Associated With Increased Survival: an Analysis of the AORTA Registry. <i>Shock</i> , 2021, 55, 24-32.	2.1	23

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55	Spatial proximity and the risk of psychopathology after a terrorist attack. <i>Psychiatry Research</i> , 2010, 176, 55-61.	3.3	22
56	Drug violations and aviation accidents: findings from the US mandatory drug testing programs. <i>Addiction</i> , 2011, 106, 1287-1292.	3.3	21
57	Examination of Intersectionality and the Pipeline for Black Academic Surgeons. <i>JAMA Surgery</i> , 2022, 157, 327.	4.3	20
58	The epidemiology of firearm injuries managed in US emergency departments. <i>Injury Epidemiology</i> , 2018, 5, 38.	1.8	18
59	The association of light trucks and vans with paediatric pedestrian deaths. <i>International Journal of Injury Control and Safety Promotion</i> , 2006, 13, 95-99.	2.0	17
60	Coping Behavior and Risk of Post-Traumatic Stress Disorder Among Federal Disaster Responders. <i>Disaster Medicine and Public Health Preparedness</i> , 2016, 10, 108-117.	1.3	16
61	Cause and context: place-based approaches to investigate how environments affect mental health. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2016, 51, 1571-1579.	3.1	16
62	Spatial analysis of the association of alcohol outlets and alcohol-related pedestrian/bicyclist injuries in New York City. <i>Injury Epidemiology</i> , 2016, 3, 11.	1.8	15
63	Association of the Safe Routes to School program with school-age pedestrian and bicyclist injury risk in Texas. <i>Injury Epidemiology</i> , 2015, 2, 15.	1.8	14
64	A standardized clinical evaluation of phenotypic diversity in diabetic polyneuropathy. <i>Pain</i> , 2016, 157, 2297-2308.	4.2	14
65	Applying Farr's Law to project the drug overdose mortality epidemic in the United States. <i>Injury Epidemiology</i> , 2014, 1, 31.	1.8	13
66	High resuscitative endovascular balloon occlusion of the aorta procedural volume is associated with improved outcomes: An analysis of the AORTA registry. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, 781-789.	2.1	13
67	Partnership for Preparedness. <i>Journal of Public Health Management and Practice</i> , 2006, 12, 22-27.	1.4	12
68	Patient crossover and potentially avoidable repeat computed tomography exams across a health information exchange. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 30-38.	4.4	12
69	SAS for Epidemiologists. , 2013, , .		11
70	Development and Validation of a Google Street View Pedestrian Safety Audit Tool. <i>Epidemiology</i> , 2020, 31, 301-309.	2.7	11
71	Timing and effect of a safe routes to school program on child pedestrian injury risk during school travel hours: Bayesian changepoint and difference-in-differences analysis. <i>Injury Epidemiology</i> , 2014, 1, 17.	1.8	10
72	Drawing the Curtain Back on Injured Commercial Bicyclists. <i>American Journal of Public Health</i> , 2015, 105, 2131-2136.	2.7	10

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73	Non-fatal senior pickleball and tennis-related injuries treated in United States emergency departments, 2010â€“2019. <i>Injury Epidemiology</i> , 2021, 8, 34.	1.8	10
74	Validity of suspected alcohol and drug violations in aviation employees. <i>Addiction</i> , 2010, 105, 1771-1775.	3.3	9
75	Trauma center transfer of elderly patients with mild Traumatic Brain Injury improves outcomes. <i>American Journal of Surgery</i> , 2020, 219, 665-669.	1.8	9
76	Pediatric emergency department visits for pedestrian and bicyclist injuries in the US. <i>Injury Epidemiology</i> , 2017, 4, 31.	1.8	8
77	Is trauma center designation associated with disparities in discharge to rehabilitation centers among elderly patients with Traumatic Brain Injury?. <i>American Journal of Surgery</i> , 2020, 219, 587-591.	1.8	8
78	Race and Insurance Status are Associated With Different Management Strategies After Thoracic Trauma. <i>Journal of Surgical Research</i> , 2021, 261, 18-25.	1.6	8
79	Letter. <i>Psychiatric Services</i> , 2006, 57, 1656-1657.	2.0	7
80	Early Anti-Xa Assay-Guided Low Molecular Weight Heparin Chemoprophylaxis is Safe in Adult Patients with Acute Traumatic Brain Injury. <i>American Surgeon</i> , 2020, 86, 369-376.	0.8	7
81	The role of alcohol and other drugs on emergency department traumatic injury mortality in the United States. <i>Drug and Alcohol Dependence</i> , 2021, 225, 108763.	3.2	7
82	Malaria in an urban emergency department: Epidemiology and diagnostic features of 25 cases. <i>American Journal of Emergency Medicine</i> , 1991, 9, 347-349.	1.6	6
83	The Mental Health Consequences of Terrorism: Implications for Emergency Medicine Practitioners. <i>Journal of Emergency Medicine</i> , 2008, 35, 139-147.	0.7	6
84	Trends in school-age pedestrian and pedalcyclist crashes in the USA: 26 states, 2000â€“2014. <i>Injury Prevention</i> , 2020, 26, 448-455.	2.4	6
85	Factors Related to Self-Reported Distress Experienced by Physicians During Their First COVID-19 Triage Decisions. <i>Disaster Medicine and Public Health Preparedness</i> , 2021, , 1-8.	1.3	6
86	Functional outcomes after inpatient rehabilitation for traumaâ€“improved but unable to return home. <i>Journal of Surgical Research</i> , 2018, 222, 187-194.e3.	1.6	5
87	Elderly Patients With Cervical Spine Fractures After Ground Level Falls Are at Risk for Blunt Cerebrovascular Injury. <i>Journal of Surgical Research</i> , 2020, 253, 100-104.	1.6	5
88	The association of crash response times and deaths at the crash scene: A crossâ€“sectional analysis using the 2019 National Emergency Medical Service Information System. <i>Journal of Rural Health</i> , 2022, 38, 1011-1024.	2.9	5
89	Disparity in Transport of Critically Injured Patients to Trauma Centers: Analysis of the National Emergency Medical Services Information System (NEMSIS). <i>Journal of the American College of Surgeons</i> , 2022, 235, 78-85.	0.5	5
90	What should you know, and when should you know it?. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2005, 18, 40-43.	0.3	4

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91	Emergency department visits for traumatic brain injury in a birth cohort of medicaid-insured children. <i>Brain Injury</i> , 2013, 27, 1238-1243.	1.2	4
92	Subway-Related Trauma: An Urban Public Health Issue with a High Case-Fatality Rate. <i>Journal of Emergency Medicine</i> , 2018, 55, 165-171.e1.	0.7	4
93	Postinjury Complications: Retrospective Study of Causative Factors. <i>JMIR Human Factors</i> , 2019, 6, e14819.	2.0	4
94	An assessment of the non-fatal crash risks associated with substance use during rush and non-rush hour periods in the United States. <i>Drug and Alcohol Dependence</i> , 2022, 234, 109386.	3.2	4
95	Comparative Analysis of Outcome Measures Used in Examining Neurodevelopmental Effects of Early Childhood Anesthesia Exposure. <i>Survey of Anesthesiology</i> , 2015, 59, 33-34.	0.1	3
96	Cannabis use and crash risk in drivers. <i>Addiction</i> , 2017, 112, 1315-1315.	3.3	3
97	Right Place at the Right Time: Thoracotomies at Level I Trauma Centers Have Associated Improved Survival. <i>Journal of Emergency Medicine</i> , 2019, 57, 765-771.	0.7	3
98	Quality improvement tool for rapid identification of risk factors for SARS-CoV-2 infection among healthcare workers. <i>Journal of Hospital Infection</i> , 2020, 105, 710-716.	2.9	3
99	Increasing age is associated with worse outcomes in elderly patients with severe liver injury. <i>American Journal of Surgery</i> , 2020, 220, 1308-1311.	1.8	3
100	Hopelessness in New York State Physicians During the First Wave of the COVID-19 Outbreak. <i>Journal of Neurosurgical Anesthesiology</i> , 2022, 34, 152-157.	1.2	3
101	Web-based training on weapons of mass destruction response for emergency medical services personnel. <i>American Journal of Disaster Medicine</i> , 2009, 4, 153-61.	0.3	3
102	Early Anti-Xa Assay-Guided Low Molecular Weight Heparin Chemoprophylaxis Is Safe in Adult Patients with Acute Traumatic Brain Injury. <i>American Surgeon</i> , 2020, 86, 369-376.	0.8	3
103	A disturbing trend: An analysis of the decline in surgical critical care fellowship training of Black and Hispanic surgeons. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 93, 84-90.	2.1	3
104	Association between city-wide lockdown and COVID-19 hospitalization rates in multigenerational households in New York City. <i>PLoS ONE</i> , 2022, 17, e0266127.	2.5	3
105	The Terrorist Attacks of September 11, 2001, in New York City. , 2009, , 522-537.		2
106	Prolonged length of stay in delayed cholecystectomy is not due to intraoperative or postoperative contributors. <i>Journal of Surgical Research</i> , 2017, 219, 253-258.	1.6	2
107	Mangled Lower Extremity Is Associated With Pulmonary Embolism But Not Deep Venous Thrombosis: Results From the Trauma Quality Improvement Program Database. <i>Journal of Surgical Research</i> , 2020, 248, 7-13.	1.6	2
108	Age is a predictor for mortality after blunt splenic injury. <i>American Journal of Surgery</i> , 2020, 220, 778-782.	1.8	2

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109	Urban Bicyclist Trauma: Characterizing the Injuries, Consequent Surgeries, and Essential Sub-Specialties Providing Care. <i>American Surgeon</i> , 2017, 83, 16-22.	0.8	2
110	The COVID-19 Healthcare Personnel Study (CHPS): Overview, Methods, and Preliminary Findings. <i>Journal of Neurosurgical Anesthesiology</i> , 2022, 34, 148-151.	1.2	2
111	Good-bye to all that (with apologies to Robert Graves). <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2005, 18, 25.	0.3	1
112	Core Competencies for Terrorism: Disaster and Public Health Emergency Preparedness Education for Health Profession Schools. <i>Prehospital and Disaster Medicine</i> , 2005, 20, 19-20.	1.3	1
113	Avian influenza: What PAs need to know. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2006, 19, 19-23.	0.3	1
114	Analyzing Postdisaster Surveillance Data: The Effect of the Statistical Method. <i>Disaster Medicine and Public Health Preparedness</i> , 2008, 2, 119-126.	1.3	1
115	Age Is a Predictor for Morality after Blunt Splenic Injury. <i>Journal of the American College of Surgeons</i> , 2018, 227, S257.	0.5	1
116	Authors' response: "Changes in US mass shooting deaths associated with the 1994-2004 federal assault weapon ban: Analysis of open-source data". <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, 1003-1004.	2.1	1
117	Percutaneous Dilational Tracheostomy at the Epicenter of the SARS-CoV-2 Pandemic: Impact on Critical Care Resource Utilization and Early Outcomes. <i>American Surgeon</i> , 2021, 87, 000313482110586.	0.8	1
118	Patients with Psychiatric Disorders Require Greater Health-Care Resources after Injury. <i>American Surgeon</i> , 2018, 84, 1889-1893.	0.8	1
119	Survey of Student Attitudes Towards and Knowledge of Disaster Preparedness. <i>Prehospital and Disaster Medicine</i> , 2005, 20, 53-53.	1.3	0
120	Early Childhood Exposure to Anesthesia and Risk of Developmental and Behavioral Disorders in a Sibling Birth Cohort. <i>Survey of Anesthesiology</i> , 2012, 56, 187-189.	0.1	0
121	241 Testing Concordance Between Data from Two Health Data Systems Using Kappa Values. <i>Annals of Emergency Medicine</i> , 2014, 64, S86.	0.6	0
122	In Reply. <i>Anesthesiology</i> , 2015, 122, 217-218.	2.5	0
123	Response to Letter to the Editor. <i>Annals of Epidemiology</i> , 2015, 25, 881.	1.9	0
124	Correlation of thromboelastography with conventional coagulation testing in elderly trauma patients on pre-existing blood thinning medications. <i>American Journal of Surgery</i> , 2018, 216, 874-880.	1.8	0
125	Is trauma center designation associated with disparities in discharge to rehabilitation centers among elderly patients with traumatic brain injury. <i>American Journal of Surgery</i> , 2020, 220, 801.	1.8	0
126	18722 Association between neighborhood overcrowdedness, multigenerational households, and COVID-19 in New York City. <i>Journal of Clinical and Translational Science</i> , 2021, 5, 72-72.	0.6	0

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127	A multiple casualty incident clinical tracking form for civilian hospitals. <i>Journal of Emergency Management</i> , 2020, 18, 261-266.	0.3	0
128	Response regarding: "Elderly Patients With Cervical Spine Fractures After Ground Level Falls are at Risk for Blunt Cerebrovascular Injury". <i>Journal of Surgical Research</i> , 2020, 256, 698-699.	1.6	0
129	A multiple casualty incident clinical tracking form for civilian hospitals. <i>American Journal of Disaster Medicine</i> , 2020, 15, 43-48.	0.3	0
130	Taking up the challenge of injury control. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2000, 13, 24-6, 29, 33 passim.	0.3	0