

Tellen Bennett

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,656
citations

218677
26
h-index

233421
45
g-index

94
all docs

94
docs citations

94
times ranked

3356
citing authors

#	ARTICLE	IF	CITATIONS
1	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 427-443.	4.4	342
2	Clinical Characterization and Prediction of Clinical Severity of SARS-CoV-2 Infection Among US Adults Using Data From the US National COVID Cohort Collaborative. JAMA Network Open, 2021, 4, e2116901.	5.9	179
3	Pediatric and Neonatal Extracorporeal Membrane Oxygenation. Critical Care Medicine, 2014, 42, 512-519.	0.9	157
4	Characterizing Long COVID: Deep Phenotype of a Complex Condition. EBioMedicine, 2021, 74, 103722.	6.1	127
5	Identifying who has long COVID in the USA: a machine learning approach using N3C data. The Lancet Digital Health, 2022, 4, e532-e541.	12.3	104
6	Characteristics, Outcomes, and Severity Risk Factors Associated With SARS-CoV-2 Infection Among Children in the US National COVID Cohort Collaborative. JAMA Network Open, 2022, 5, e2143151.	5.9	102
7	Very high serum ferritin levels are associated with increased mortality and critical care in pediatric patients. Pediatric Critical Care Medicine, 2011, 12, e233-e236.	0.5	82
8	Variation in Intracranial Pressure Monitoring and Outcomes in Pediatric Traumatic Brain Injury. JAMA Pediatrics, 2012, 166, 641-7.	3.0	76
9	Functional Outcome After Intracranial Pressure Monitoring for Children With Severe Traumatic Brain Injury. JAMA Pediatrics, 2017, 171, 965.	6.2	67
10	Macrophage activation syndrome in children with systemic lupus erythematosus and children with juvenile idiopathic arthritis. Arthritis and Rheumatism, 2012, 64, 4135-4142.	6.7	64
11	Use of Rotterdam CT Scores for Mortality Risk Stratification in Children With Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2014, 15, 554-562.	0.5	64
12	Existing Data Analysis in Pediatric Critical Care Research. Frontiers in Pediatrics, 2014, 2, 79.	1.9	57
13	Specialized interferon action in COVID-19. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	56
14	R Package for Pediatric Complex Chronic Condition Classification. JAMA Pediatrics, 2018, 172, 596.	6.2	46
15	Seizures in Children With Severe Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2017, 18, 54-63.	0.5	43
16	Association Between Glucagon-Like Peptide 1 Receptor Agonist and Sodium-Glucose Cotransporter 2 Inhibitor Use and COVID-19 Outcomes. Diabetes Care, 2021, 44, 1564-1572.	8.6	43
17	Readmission and Late Mortality After Critical Illness in Childhood*. Pediatric Critical Care Medicine, 2017, 18, e112-e121.	0.5	41
18	Acute Upper Airway Disease in Children With the Omicron (B.1.1.529) Variant of SARS-CoV-2—A Report From the US National COVID Cohort Collaborative. JAMA Pediatrics, 2022, 176, 819.	6.2	41

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19	Osmolar therapy in pediatric traumatic brain injury*. Critical Care Medicine, 2012, 40, 208-215.	0.9	39
20	Semantic integration of clinical laboratory tests from electronic health records for deep phenotyping and biomarker discovery. Npj Digital Medicine, 2019, 2, .	10.9	39
21	Pixel-to-Pixel Learning With Weak Supervision for Single-Stage Nucleus Recognition in Ki67 Images. IEEE Transactions on Biomedical Engineering, 2019, 66, 3088-3097.	4.2	39
22	Synergies between centralized and federated approaches to data quality: a report from the national COVID cohort collaborative. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 609-618.	4.4	39
23	Outcomes of Day 1 Multiple Organ Dysfunction Syndrome in the PICU*. Pediatric Critical Care Medicine, 2019, 20, 914-922.	0.5	37
24	Initiation of Physical, Occupational, and Speech Therapy in Children With Traumatic Brain Injury. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1268-1276.	0.9	35
25	Functional Status Scale in Children With Traumatic Brain Injury: A Prospective Cohort Study*. Pediatric Critical Care Medicine, 2016, 17, 1147-1156.	0.5	35
26	Real-World Evidence of the Neutralizing Monoclonal Antibody Sotrovimab for Preventing Hospitalization and Mortality in COVID-19 Outpatients. Journal of Infectious Diseases, 2022, 226, 2129-2136.	4.0	34
27	Association of Early Aspirin Use With In-Hospital Mortality in Patients With Moderate COVID-19. JAMA Network Open, 2022, 5, e223890.	5.9	31
28	Comparison of Intracranial Pressure Measurements Before and After Hypertonic Saline or Mannitol Treatment in Children With Severe Traumatic Brain Injury. JAMA Network Open, 2022, 5, e220891.	5.9	29
29	Adversarial Domain Adaptation and Pseudo-Labeling for Cross-Modality Microscopy Image Quantification. Lecture Notes in Computer Science, 2019, 11764, 740-749.	1.3	27
30	Comparison of the New Adult Ventilator-Associated Event Criteria to the Centers for Disease Control and Prevention Pediatric Ventilator-Associated Pneumonia Definition (PNU2) in a Population of Pediatric Traumatic Brain Injury Patients*. Pediatric Critical Care Medicine, 2016, 17, 157-164.	0.5	26
31	Use of Hydroxychloroquine, Remdesivir, and Dexamethasone Among Adults Hospitalized With COVID-19 in the United States. Annals of Internal Medicine, 2021, 174, 1395-1403.	3.9	24
32	Integrating the Practical Robust Implementation and Sustainability Model With Best Practices in Clinical Decision Support Design: Implementation Science Approach. Journal of Medical Internet Research, 2020, 22, e19676.	4.3	23
33	Development and Prospective Validation of Tools to Accurately Identify Neurosurgical and Critical Care Events in Children With Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2017, 18, 442-451.	0.5	22
34	Data Science for Child Health. Journal of Pediatrics, 2019, 208, 12-22.	1.8	22
35	Ventilator-Associated Pneumonia in Pediatric Traumatic Brain Injury. Journal of Neurotrauma, 2016, 33, 832-839.	3.4	20
36	Structure, Process, and Culture Differences of Pediatric Trauma Centers Participating in an International Comparative Effectiveness Study of Children with Severe Traumatic Brain Injury. Neurocritical Care, 2016, 24, 353-360.	2.4	19

#	ARTICLE	IF	CITATIONS
37	The Association Between the Functional Status Scale and the Pediatric Functional Independence Measure in Children Who Survive Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2018, 19, 1046-1053.	0.5	17
38	Linked Records of Children with Traumatic Brain Injury. Methods of Information in Medicine, 2015, 54, 328-337.	1.2	16
39	Change in functional status among children treated in the intensive care unit after injury. Journal of Trauma and Acute Care Surgery, 2019, 86, 810-816.	2.1	14
40	Real-time electronic health record mortality prediction during the COVID-19 pandemic: a prospective cohort study. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2354-2365.	4.4	14
41	Influence of Birth Hospital on Outcomes of Ductal-Dependent Cardiac Lesions. Pediatrics, 2010, 126, 1156-1164.	2.1	13
42	EEG Monitoring and Antiepileptic Drugs in Children with Severe TBI. Neurocritical Care, 2017, 26, 256-266.	2.4	13
43	Applying Clinical Decision Support Design Best Practices With the Practical Robust Implementation and Sustainability Model Versus Reliance on Commercially Available Clinical Decision Support Tools: Randomized Controlled Trial. JMIR Medical Informatics, 2021, 9, e24359.	2.6	13
44	Bidirectional Mapping-Based Domain Adaptation for Nucleus Detection in Cross-Modality Microscopy Images. IEEE Transactions on Medical Imaging, 2021, 40, 2880-2896.	8.9	12
45	Hospital Readmissions After Pediatric Trauma. Pediatric Critical Care Medicine, 2018, 19, e31-e40.	0.5	11
46	Position Statement on Population Data Science:. International Journal of Population Data Science, 2018, 3, 415.	0.1	11
47	Harmonizing units and values of quantitative data elements in a very large nationally pooled electronic health record (EHR) dataset. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1172-1182.	4.4	11
48	Cervical Spine Imaging in Hospitalized Children With Traumatic Brain Injury. Pediatric Emergency Care, 2015, 31, 243-249.	0.9	10
49	A Multicenter, Prospective, Observational, Cohort-Controlled Study of Clinical Outcomes Following Coronavirus Disease 2019 (COVID-19) Convalescent Plasma Therapy in Hospitalized Patients With COVID-19. Clinical Infectious Diseases, 2022, 75, e466-e472.	5.8	9
50	Generative Adversarial Domain Adaptation for Nucleus Quantification in Images of Tissue Immunohistochemically Stained for Ki-67. JCO Clinical Cancer Informatics, 2020, 4, 666-679.	2.1	8
51	Demonstrating an approach for evaluating synthetic geospatial and temporal epidemiologic data utility: results from analyzing >1.8 million SARS-CoV-2 tests in the United States National COVID Cohort Collaborative (N3C). Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1350-1365.	4.4	8
52	Functional Status After Pediatric Critical Care. Pediatric Critical Care Medicine, 2015, 16, 377-378.	0.5	7
53	Decision-Making About Intracranial Pressure Monitor Placement in Children With Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2019, 20, 645-651.	0.5	6
54	Neural Networks for Mortality Prediction: Ready for Prime Time?*. Pediatric Critical Care Medicine, 2021, 22, 578-581.	0.5	6

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55	Sepsis Computable Phenotypes in the Service of Observational Research*. Critical Care Medicine, 2019, 47, 303-305.	0.9	5
56	Pediatric Trauma Transport Performance Measures in a Mountain State: Adherence and Outcomes. Journal of Trauma, 2011, 71, 1016-1022.	2.3	4
57	Age-Specific Cerebral Perfusion Pressure Thresholds*. Pediatric Critical Care Medicine, 2014, 15, 86-87.	0.5	4
58	Joining Datasets Without Identifiers: Probabilistic Linkage of Virtual Pediatric Systems and PEDSnet*. Pediatric Critical Care Medicine, 2020, 21, e628-e634.	0.5	4
59	Personalization and Pragmatism: Pediatric Intracranial Pressure and Cerebral Perfusion Pressure Treatment Thresholds*. Pediatric Critical Care Medicine, 2021, 22, 213-216.	0.5	4
60	Parental involvement in decision making about intracranial pressure monitor placement in children with traumatic brain injury. Journal of Neurosurgery: Pediatrics, 2020, 25, 183-191.	1.3	4
61	Mortality After Pediatric Critical Illness. Pediatric Critical Care Medicine, 2018, 19, 272-273.	0.5	3
62	Tranexamic Acid and Seizures in Pediatric Trauma*. Pediatric Critical Care Medicine, 2018, 19, 1177-1178.	0.5	3
63	Novel Claims-Based Outcome Phenotypes in Survivors of Pediatric Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2021, 36, 242-252.	1.7	3
64	Clinical Decision Support for Traumatic Brain Injury: Identifying a Framework for Practical Model-Based Intracranial Pressure Estimation at Multihour Timescales. JMIR Medical Informatics, 2021, 9, e23215.	2.6	3
65	Intensive care requirement, rather than degree of serum ferritin elevation, predicts mortality in macrophage activation syndrome. Pediatric Critical Care Medicine, 2012, 13, 616-617.	0.5	2
66	Local Health Department Influenza Surveillance Estimates and Projections of Peak Pediatric Intensive Care Unit Occupancy During the 2009 Influenza A Pandemic. Journal of the Pediatric Infectious Diseases Society, 2013, 2, 405-406.	1.3	2
67	Rapid resolution of infantile lipemia retinalis following exchange transfusion. Journal of Inherited Metabolic Disease, 2016, 39, 889-890.	3.6	2
68	Postdischarge health resource use in pediatric survivors of prolonged mechanical ventilation for acute respiratory illness. Pediatric Pulmonology, 2022, 57, 1651-1659.	2.0	2
69	Phenotyping in Pediatric Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2018, 19, 998-999.	0.5	1
70	Functional Outcome After Intracranial Pressure Monitoring—Reply. JAMA Pediatrics, 2018, 172, 393.	6.2	0
71	Collaborative Reproducible Reporting - Git Submodules as a Data Security Solution. , 2017, , .		0
72	Probabilistic Linkage of Two National Databases to Study Emergency Care and Hospital Readmission in Children who Survive Traumatic Injury. International Journal of Population Data Science, 2017, 1, .	0.1	0

#	ARTICLE	IF	CITATIONS
73	Kung Faux Pandas Simplifying privacy protection. AMIA Summits on Translational Science Proceedings, 2019, 2019, 267-274.	0.4	0