

# Tellen D Bennett

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

2,278  
citations

279798

23  
h-index

276875

41  
g-index

78  
all docs

78  
docs citations

78  
times ranked

2817  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Clinical Infectious Diseases</i> , 2022, 75, e466-e472.	5.8	9
2	Synergies between centralized and federated approaches to data quality: a report from the national COVID cohort collaborative. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 609-618.	4.4	39
3	Patterns of Organ Dysfunction in Critically Ill Children Based on PODIUM Criteria. <i>Pediatrics</i> , 2022, 149, S103-S110.	2.1	8
4	Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Contemporary Organ Dysfunction Criteria: Executive Summary. <i>Pediatrics</i> , 2022, 149, S1-S12.	2.1	45
5	Characteristics, Outcomes, and Severity Risk Factors Associated With SARS-CoV-2 Infection Among Children in the US National COVID Cohort Collaborative. <i>JAMA Network Open</i> , 2022, 5, e2143151.	5.9	102
6	Comparison of Intracranial Pressure Measurements Before and After Hypertonic Saline or Mannitol Treatment in Children With Severe Traumatic Brain Injury. <i>JAMA Network Open</i> , 2022, 5, e220891.	5.9	29
7	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). <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 1350-1365.	4.4	8
8	Identifying Long-Term Morbidities and Health Trajectories After Prolonged Mechanical Ventilation in Children Using State All Payer Claims Data*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, e189-e198.	0.5	8
9	Harmonizing units and values of quantitative data elements in a very large nationally pooled electronic health record (EHR) dataset. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 1172-1182.	4.4	11
10	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. <i>JAMA Pediatrics</i> , 2022, 176, 819.	6.2	41
11	Postdischarge health resource use in pediatric survivors of prolonged mechanical ventilation for acute respiratory illness. <i>Pediatric Pulmonology</i> , 2022, 57, 1651-1659.	2.0	2
12	Real-World Evidence of the Neutralizing Monoclonal Antibody Sotrovimab for Preventing Hospitalization and Mortality in COVID-19 Outpatients. <i>Journal of Infectious Diseases</i> , 2022, 226, 2129-2136.	4.0	34
13	Identifying who has long COVID in the USA: a machine learning approach using N3C data. <i>The Lancet Digital Health</i> , 2022, 4, e532-e541.	12.3	104
14	Evaluation of Machine Learning Models for Clinical Prediction Problems*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 405-408.	0.5	11
15	Machine Learning Approach to Predicting Absence of Serious Bacterial Infection at PICU Admission. <i>Hospital Pediatrics</i> , 2022, 12, 590-603.	1.3	5
16	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 427-443.	4.4	342
17	Novel Claims-Based Outcome Phenotypes in Survivors of Pediatric Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2021, 36, 242-252.	1.7	3
18	Personalization and Pragmatism: Pediatric Intracranial Pressure and Cerebral Perfusion Pressure Treatment Thresholds*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 213-216.	0.5	4

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19	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. <i>JMIR Medical Informatics</i> , 2021, 9, e24359.	2.6	13
20	Clinical Decision Support for Traumatic Brain Injury: Identifying a Framework for Practical Model-Based Intracranial Pressure Estimation at Multihour Timescales. <i>JMIR Medical Informatics</i> , 2021, 9, e23215.	2.6	3
21	Real-time electronic health record mortality prediction during the COVID-19 pandemic: a prospective cohort study. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2354-2365.	4.4	14
22	Association Between Glucagon-Like Peptide 1 Receptor Agonist and Sodium-Glucose Cotransporter 2 Inhibitor Use and COVID-19 Outcomes. <i>Diabetes Care</i> , 2021, 44, 1564-1572.	8.6	43
23	Neural Networks for Mortality Prediction: Ready for Prime Time?*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 578-581.	0.5	6
24	Automated emergency department sepsis screening appears superior to manual screening. <i>Journal of Pediatrics</i> , 2021, 234, 286-288.	1.8	0
25	Clinical Characterization and Prediction of Clinical Severity of SARS-CoV-2 Infection Among US Adults Using Data From the US National COVID Cohort Collaborative. <i>JAMA Network Open</i> , 2021, 4, e2116901.	5.9	179
26	Use of Hydroxychloroquine, Remdesivir, and Dexamethasone Among Adults Hospitalized With COVID-19 in the United States. <i>Annals of Internal Medicine</i> , 2021, 174, 1395-1403.	3.9	24
27	Bidirectional Mapping-Based Domain Adaptation for Nucleus Detection in Cross-Modality Microscopy Images. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2880-2896.	8.9	12
28	Characterizing Long COVID: Deep Phenotype of a Complex Condition. <i>EBioMedicine</i> , 2021, 74, 103722.	6.1	127
29	Generative Adversarial Domain Adaptation for Nucleus Quantification in Images of Tissue Immunohistochemically Stained for Ki-67. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 666-679.	2.1	8
30	Joining Datasets Without Identifiers: Probabilistic Linkage of Virtual Pediatric Systems and PEDSnet*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e628-e634.	0.5	4
31	Design and Rationale for Common Data Elements for Clinical Research in Pediatric Critical Care Medicine. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e1038-e1041.	0.5	9
32	Integrating the Practical Robust Implementation and Sustainability Model With Best Practices in Clinical Decision Support Design: Implementation Science Approach. <i>Journal of Medical Internet Research</i> , 2020, 22, e19676.	4.3	23
33	Parental involvement in decision making about intracranial pressure monitor placement in children with traumatic brain injury. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 183-191.	1.3	4
34	Data Science for Child Health. <i>Journal of Pediatrics</i> , 2019, 208, 12-22.	1.8	22
35	Semantic integration of clinical laboratory tests from electronic health records for deep phenotyping and biomarker discovery. <i>Npj Digital Medicine</i> , 2019, 2, .	10.9	39
36	Change in functional status among children treated in the intensive care unit after injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 810-816.	2.1	14

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37	Sepsis Computable Phenotypes in the Service of Observational Research*. Critical Care Medicine, 2019, 47, 303-305.	0.9	5
38	Outcomes of Day 1 Multiple Organ Dysfunction Syndrome in the PICU*. Pediatric Critical Care Medicine, 2019, 20, 914-922.	0.5	37
39	Decision-Making About Intracranial Pressure Monitor Placement in Children With Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2019, 20, 645-651.	0.5	6
40	Mortality After Pediatric Critical Illness. Pediatric Critical Care Medicine, 2018, 19, 272-273.	0.5	3
41	Functional Outcome After Intracranial Pressure Monitoring—Reply. JAMA Pediatrics, 2018, 172, 393.	6.2	0
42	R Package for Pediatric Complex Chronic Condition Classification. JAMA Pediatrics, 2018, 172, 596.	6.2	46
43	Hospital Readmissions After Pediatric Trauma. Pediatric Critical Care Medicine, 2018, 19, e31-e40.	0.5	11
44	Phenotyping in Pediatric Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2018, 19, 998-999.	0.5	1
45	Position Statement on Population Data Science. International Journal of Population Data Science, 2018, 3, 415.	0.1	11
46	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
47	Seizures in Children With Severe Traumatic Brain Injury*. Pediatric Critical Care Medicine, 2017, 18, 54-63.	0.5	43
48	Functional Outcome After Intracranial Pressure Monitoring for Children With Severe Traumatic Brain Injury. JAMA Pediatrics, 2017, 171, 965.	6.2	67
49	Clinical Associations of Early Dysnatremias in Critically Ill Neonates and Infants Undergoing Cardiac Surgery. Pediatric Cardiology, 2017, 38, 149-154.	1.3	8
50	EEG Monitoring and Antiepileptic Drugs in Children with Severe TBI. Neurocritical Care, 2017, 26, 256-266.	2.4	13
51	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
52	Functional Status Scale in Children With Traumatic Brain Injury: A Prospective Cohort Study*. Pediatric Critical Care Medicine, 2016, 17, 1147-1156.	0.5	35
53	Use of High-Frequency Ventilation in the Pediatric Intensive Care Unit. Journal of Pediatric Intensive Care, 2016, 05, 012-020.	0.8	7
54	Rapid resolution of infantile lipemia retinalis following exchange transfusion. Journal of Inherited Metabolic Disease, 2016, 39, 889-890.	3.6	2

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55	Structure, Process, and Culture Differences of Pediatric Trauma Centers Participating in an International Comparative Effectiveness Study of Children with Severe Traumatic Brain Injury. <i>Neurocritical Care</i> , 2016, 24, 353-360.	2.4	19
56	Ventilator-Associated Pneumonia in Pediatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 832-839.	3.4	20
57	Functional Status After Pediatric Critical Care. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 377-378.	0.5	7
58	Cervical Spine Imaging in Hospitalized Children With Traumatic Brain Injury. <i>Pediatric Emergency Care</i> , 2015, 31, 243-249.	0.9	10
59	Existing Data Analysis in Pediatric Critical Care Research. <i>Frontiers in Pediatrics</i> , 2014, 2, 79.	1.9	57
60	Age-Specific Cerebral Perfusion Pressure Thresholds*. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 86-87.	0.5	4
61	Use of Rotterdam CT Scores for Mortality Risk Stratification in Children With Traumatic Brain Injury*. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 554-562.	0.5	64
62	Initiation of Physical, Occupational, and Speech Therapy in Children With Traumatic Brain Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 1268-1276.	0.9	35
63	Variation in Intracranial Pressure Monitoring and Outcomes in Pediatric Traumatic Brain Injury. <i>JAMA Pediatrics</i> , 2012, 166, 641-7.	3.0	76
64	Osmolar therapy in pediatric traumatic brain injury*. <i>Critical Care Medicine</i> , 2012, 40, 208-215.	0.9	39
65	Intensive care requirement, rather than degree of serum ferritin elevation, predicts mortality in macrophage activation syndrome. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 616-617.	0.5	2
66	Very high serum ferritin levels are associated with increased mortality and critical care in pediatric patients. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e233-e236.	0.5	82
67	Influence of Birth Hospital on Outcomes of Ductal-Dependent Cardiac Lesions. <i>Pediatrics</i> , 2010, 126, 1156-1164.	2.1	13