

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	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
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. <i>JAMA Network Open</i> , 2021, 4, e2116901.	5.9	179
3	Characterizing Long COVID: Deep Phenotype of a Complex Condition. <i>EBioMedicine</i> , 2021, 74, 103722.	6.1	127
4	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
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	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
7	Variation in Intracranial Pressure Monitoring and Outcomes in Pediatric Traumatic Brain Injury. <i>JAMA Pediatrics</i> , 2012, 166, 641-7.	3.0	76
8	Functional Outcome After Intracranial Pressure Monitoring for Children With Severe Traumatic Brain Injury. <i>JAMA Pediatrics</i> , 2017, 171, 965.	6.2	67
9	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
10	Existing Data Analysis in Pediatric Critical Care Research. <i>Frontiers in Pediatrics</i> , 2014, 2, 79.	1.9	57
11	R Package for Pediatric Complex Chronic Condition Classification. <i>JAMA Pediatrics</i> , 2018, 172, 596.	6.2	46
12	Pediatric Organ Dysfunction Information Update Mandate (PODIUM) Contemporary Organ Dysfunction Criteria: Executive Summary. <i>Pediatrics</i> , 2022, 149, S1-S12.	2.1	45
13	Seizures in Children With Severe Traumatic Brain Injury*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 54-63.	0.5	43
14	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
15	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
16	Osmolar therapy in pediatric traumatic brain injury*. <i>Critical Care Medicine</i> , 2012, 40, 208-215.	0.9	39
17	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
18	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

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19	Outcomes of Day 1 Multiple Organ Dysfunction Syndrome in the PICU*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 914-922.	0.5	37
20	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
21	Functional Status Scale in Children With Traumatic Brain Injury: A Prospective Cohort Study*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 1147-1156.	0.5	35
22	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
23	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
24	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*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 157-164.	0.5	26
25	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
26	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
27	Development and Prospective Validation of Tools to Accurately Identify Neurosurgical and Critical Care Events in Children With Traumatic Brain Injury*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 442-451.	0.5	22
28	Data Science for Child Health. <i>Journal of Pediatrics</i> , 2019, 208, 12-22.	1.8	22
29	Ventilator-Associated Pneumonia in Pediatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 832-839.	3.4	20
30	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
31	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
32	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
33	Influence of Birth Hospital on Outcomes of Ductal-Dependent Cardiac Lesions. <i>Pediatrics</i> , 2010, 126, 1156-1164.	2.1	13
34	EEG Monitoring and Antiepileptic Drugs in Children with Severe TBI. <i>Neurocritical Care</i> , 2017, 26, 256-266.	2.4	13
35	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
36	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

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37	Hospital Readmissions After Pediatric Trauma. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e31-e40.	0.5	11
38	Position Statement on Population Data Science:. <i>International Journal of Population Data Science</i> , 2018, 3, 415.	0.1	11
39	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
40	Evaluation of Machine Learning Models for Clinical Prediction Problems*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 405-408.	0.5	11
41	Cervical Spine Imaging in Hospitalized Children With Traumatic Brain Injury. <i>Pediatric Emergency Care</i> , 2015, 31, 243-249.	0.9	10
42	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
43	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
44	Clinical Associations of Early Dysnatremias in Critically Ill Neonates and Infants Undergoing Cardiac Surgery. <i>Pediatric Cardiology</i> , 2017, 38, 149-154.	1.3	8
45	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
46	Patterns of Organ Dysfunction in Critically Ill Children Based on PODIUM Criteria. <i>Pediatrics</i> , 2022, 149, S103-S110.	2.1	8
47	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
48	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
49	Functional Status After Pediatric Critical Care. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 377-378.	0.5	7
50	Use of High-Frequency Ventilation in the Pediatric Intensive Care Unit. <i>Journal of Pediatric Intensive Care</i> , 2016, 05, 012-020.	0.8	7
51	Decision-Making About Intracranial Pressure Monitor Placement in Children With Traumatic Brain Injury*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 645-651.	0.5	6
52	Neural Networks for Mortality Prediction: Ready for Prime Time?*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 578-581.	0.5	6
53	Sepsis Computable Phenotypes in the Service of Observational Research*. <i>Critical Care Medicine</i> , 2019, 47, 303-305.	0.9	5
54	Machine Learning Approach to Predicting Absence of Serious Bacterial Infection at PICU Admission. <i>Hospital Pediatrics</i> , 2022, 12, 590-603.	1.3	5

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55	Age-Specific Cerebral Perfusion Pressure Thresholds*. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 86-87.	0.5	4
56	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
57	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
58	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
59	Mortality After Pediatric Critical Illness. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 272-273.	0.5	3
60	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
61	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
62	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
63	Rapid resolution of infantile lipemia retinalis following exchange transfusion. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 889-890.	3.6	2
64	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
65	Phenotyping in Pediatric Traumatic Brain Injury*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 998-999.	0.5	1
66	Functional Outcome After Intracranial Pressure Monitoring—Reply. <i>JAMA Pediatrics</i> , 2018, 172, 393.	6.2	0
67	Automated emergency department sepsis screening appears superior to manual screening. <i>Journal of Pediatrics</i> , 2021, 234, 286-288.	1.8	0