Curtis B Storlie

List of Publications by Year
in descending order

56	1,878	331670	265206
papers	citations	21	42
		h-index	g-index

57	57	57	2169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Randomized Trial of a Novel Artificial Intelligence/Machine Learning Model to Predict the Need for Specialty Palliative Care. Journal of Pain and Symptom Management, 2022, 63, 879-880.	1.2	0
2	Use of a Computerized Algorithm to Evaluate the Proportion and Causes of Potentially Preventable Readmissions Among Patients Discharged to Skilled Nursing Facilities. Journal of the American Medical Directors Association, 2021, 22, 1060-1066.	2.5	2
3	Anemia in Critically Ill Patients With Acute Respiratory Distress Syndrome and Posthospitalization Physical Outcomes. Journal of Intensive Care Medicine, 2021, 36, 557-565.	2.8	14
4	Sequential Optimization in Locally Important Dimensions. Technometrics, 2021, 63, 236-248.	1.9	3
5	Challenges of Modeling Outcomes for Surgical Infections: A Word of Caution. Surgical Infections, 2021, 22, 523-531.	1.4	4
6	Improving the delivery of palliative care through predictive modeling and healthcare informatics. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1065-1073.	4.4	19
7	Deployment of an Interdisciplinary Predictive Analytics Task Force to Inform Hospital Operational Decision-Making During the COVID-19 Pandemic. Mayo Clinic Proceedings, 2021, 96, 690-698.	3.0	9
8	Quantifying the Importance of COVID-19 Vaccination to Our Future Outlook. Mayo Clinic Proceedings, 2021, 96, 1890-1895.	3.0	9
9	Early Detection of Post-Surgical Complications using Time-series Electronic Health Records. AMIA Summits on Translational Science Proceedings, 2021, 2021, 152-160.	0.4	0
10	Prediction and Inference With Missing Data in Patient Alert Systems. Journal of the American Statistical Association, 2020, 115, 32-46.	3.1	8
11	A Bayesian Approach to Multistate Hidden Markov Models: Application to Dementia Progression. Journal of the American Statistical Association, 2020, 115, 16-31.	3.1	28
12	Regional and Temporal Trends in the Outcomes of Repairs for Acute Type A Aortic Dissections. Annals of Thoracic Surgery, 2020, 109, 26-33.	1.3	50
13	Modeling material stress using integrated Gaussian Markov random fields. Journal of Applied Statistics, 2020, 47, 1616-1636.	1.3	1
14	Prevalence of and Recovery From Anemia Following Hospitalization for Critical Illness Among Adults. JAMA Network Open, 2020, 3, e2017843.	5.9	41
15	Correlations Between COVID-19 Cases and Google Trends Data in the United States: A State-by-State Analysis. Mayo Clinic Proceedings, 2020, 95, 2370-2381.	3.0	52
16	Utilization of Mobility Data in the Fight Against COVID-19. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 733-735.	2.4	5
17	Pragmatic cluster randomized trial to evaluate effectiveness and implementation of enhanced EHR-facilitated cancer symptom control (E2C2). Trials, 2020, 21, 480.	1.6	19
18	Associations of Skilled Nursing Facility Quality Ratings With 30-Day Rehospitalizations and Emergency Department Visits. Annals of Long-Term Care, 2020, 28, e11-e17.	0.2	0

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19	Risk of 30-Day Hospital Readmission Among Patients Discharged to Skilled Nursing Facilities: Development and Validation of a Risk-Prediction Model. Journal of the American Medical Directors Association, 2019, 20, 444-450.e2.	2.5	18
20	Functional regression-based monitoring of quality of service in hospital emergency departments. IISE Transactions, 2019, 51, 1012-1024.	2.4	6
21	Autism Spectrum Disorder: Incidence and Time Trends Over Two Decades in a Population-Based Birth Cohort. Journal of Autism and Developmental Disorders, 2019, 49, 1455-1474.	2.7	45
22	Safety of Overlapping Surgery at a High-volume Referral Center. Annals of Surgery, 2018, 267, e91-e92.	4.2	7
23	Assessing the Safety of Overlapping Surgery at a Children's Hospital. Annals of Surgery, 2018, 268, e24-e27.	4.2	15
24	Implementation of Bar-Code Medication Administration to Reduce Patient Harm. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2018, 2, 342-351.	2.4	21
25	Prediction of individual outcomes for asthma sufferers. Biostatistics, 2018, 19, 579-593.	1.5	3
26	Stacked classifiers for individualized prediction of glycemic control following initiation of metformin therapy in type 2 diabetes. Computers in Biology and Medicine, 2018, 103, 109-115.	7.0	22
27	Clustering and variable selection in the presence of mixed variable types and missing data. Statistics in Medicine, 2018, 37, 2884-2899.	1.6	10
28	The Fragility Index: a P-value in sheep's clothing?. European Heart Journal, 2017, 38, ehw495.	2.2	72
29	Comparative analysis of arteriovenous malformation grading scales in predicting outcomes after stereotactic radiosurgery. Journal of Neurosurgery, 2017, 126, 852-858.	1.6	31
30	Spatiotemporal Modeling of Node Temperatures in Supercomputers. Journal of the American Statistical Association, 2017, 112, 92-108.	3.1	3
31	Measuring the impact of ambulatory red blood cell transfusion on home functional status: study protocol for a pilot randomized controlled trial. Trials, 2017, 18, 153.	1.6	5
32	Safety of Overlapping Surgery at a High-volume Referral Center. Annals of Surgery, 2017, 265, 639-644.	4.2	62
33	Incidence and Management of Late Adverse Radiation Effects After Arteriovenous Malformation Radiosurgery. Neurosurgery, 2017, 81, 928-934.	1.1	37
34	Incorporation of Treatment Response, Tumor Grade and Receptor Status Improves Staging Quality in Breast Cancer Patients Treated with Neoadjuvant Chemotherapy. Annals of Surgical Oncology, 2017, 24, 3510-3517.	1.5	17
35	Upscaling Uncertainty with Dynamic Discrepancy for a Multi-Scale Carbon Capture System. Journal of the American Statistical Association, 2017, 112, 1453-1467.	3.1	17
36	Hierarchical calibration and validation of computational fluid dynamics models for solid sorbent-based carbon capture. Powder Technology, 2016, 288, 388-406.	4.2	17

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37	Subroutine based detection of APT malware. Journal of Computer Virology and Hacking Techniques, 2016, 12, 225-233.	2.2	14
38	Malware Detection Using Nonparametric Bayesian Clustering and Classification Techniques. Technometrics, 2015, 57, 535-546.	1.9	6
39	Calibration of Computational Models With Categorical Parameters and Correlated Outputs via Bayesian Smoothing Spline ANOVA. Journal of the American Statistical Association, 2015, 110, 68-82.	3.1	30
40	Study of MEPDG Sensitivity Using Nonparametric Regression Procedures. Journal of Computing in Civil Engineering, 2014, 28, 134-144.	4.7	7
41	Numerical modeling and uncertainty quantification of a bubbling fluidized bed with immersed horizontal tubes. Powder Technology, 2014, 253, 733-743.	4.2	81
42	Analysis of computationally demanding models with continuous and categorical inputs. Reliability Engineering and System Safety, 2013, 113, 30-41.	8.9	32
43	A Bayesian Reliability Analysis of Neutron-Induced Errors in High Performance Computing Hardware. Journal of the American Statistical Association, 2013, 108, 429-440.	3.1	7
44	Transport, Zwitterions, and the Role of Water for CO_2 Adsorption in Mesoporous Silica-Supported Amine Sorbents. Journal of Physical Chemistry C, 2013, 117, 26617-26627.	3.1	59
45	Methods for Characterizing and Comparing Populations of Shock Wave Curves. Technometrics, 2013, 55, 436-449.	1.9	12
46	Scan Statistics for the Online Detection of Locally Anomalous Subgraphs. Technometrics, 2013, 55, 403-414.	1.9	95
47	Reproducing Kernel Hilbert Spaces for Penalized Regression: A Tutorial. American Statistician, 2012, 66, 50-60.	1.6	17
48	Assessment of the Impact of Cosmic-Ray-Induced Neutrons on Hardware in the Roadrunner Supercomputer. IEEE Transactions on Device and Materials Reliability, 2012, 12, 445-454.	2.0	29
49	Graph-based malware detection using dynamic analysis. Journal in Computer Virology, 2011, 7, 247-258.	1.9	209
50	Surface estimation, variable selection, and the nonparametric oracle property. Statistica Sinica, 2011, 21, 679.	0.3	83
51	A Locally Adaptive Penalty for Estimation of Functions With Varying Roughness. Journal of Computational and Graphical Statistics, 2010, 19, 569-589.	1.7	16
52	Implementation and evaluation of nonparametric regression procedures for sensitivity analysis of computationally demanding models. Reliability Engineering and System Safety, 2009, 94, 1735-1763.	8.9	257
53	Variable Selection in Bayesian Smoothing Spline ANOVA Models: Application to Deterministic Computer Codes. Technometrics, 2009, 51, 110-120.	1.9	59
54	Multiple predictor smoothing methods for sensitivity analysis: Description of techniques. Reliability Engineering and System Safety, 2008, 93, 28-54.	8.9	141

#	ARTICLE	IF	CITATIONS
55	Multiple predictor smoothing methods for sensitivity analysis: Example results. Reliability Engineering and System Safety, 2008, 93, 55-77.	8.9	50
56	Sensitivity analysis in classification using Bayesian smoothing spline ANOVA probit regression. Canadian Journal of Statistics, 0, , .	0.9	1