

Nicoleta Serban

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

909
citations

471509

17
h-index

526287

27
g-index

64
all docs

64
docs citations

64
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113561119.	7.1	136
2	CATS. Journal of the American Statistical Association, 2005, 100, 990-999.	3.1	74
3	Understanding variations in pediatric asthma care processes in the emergency department using visual analytics. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 318-323.	4.4	46
4	The impact of social distancing on COVID19 spread: State of Georgia case study. PLoS ONE, 2020, 15, e0239798.	2.5	44
5	Yield and Price Forecasting for Stochastic Crop Decision Planning. Journal of Agricultural, Biological, and Environmental Statistics, 2010, 15, 362-380.	1.4	38
6	The effect of geographic access on severe health outcomes for pediatric asthma. Journal of Allergy and Clinical Immunology, 2015, 136, 610-618.	2.9	35
7	Clustering Random Curves Under Spatial Interdependence With Application to Service Accessibility. Technometrics, 2012, 54, 108-119.	1.9	34
8	Degradation modeling and monitoring of truncated degradation signals. IIE Transactions, 2012, 44, 793-803.	2.1	31
9	Spatial accessibility of pediatric primary healthcare: Measurement and inference. Annals of Applied Statistics, 2014, 8, .	1.1	30
10	A space-time varying coefficient model: The equity of service accessibility. Annals of Applied Statistics, 2011, 5, .	1.1	28
11	Multilevel Functional Clustering Analysis. Biometrics, 2012, 68, 805-814.	1.4	26
12	Estimating the Cost Savings of Preventive Dental Services Delivered to Medicaid-Enrolled Children in Six Southeastern States. Health Services Research, 2018, 53, 3592-3616.	2.0	24
13	Multilevel Cross-Dependent Binary Longitudinal Data. Biometrics, 2013, 69, 903-913.	1.4	23
14	Quantifying Disparities in Accessibility and Availability of Pediatric Primary Care across Multiple States with Implications for Targeted Interventions. Health Services Research, 2018, 53, 1458-1477.	2.0	22
15	Projecting the economic impact of silver diamine fluoride on caries treatment expenditures and outcomes in young U.S. children. Journal of Public Health Dentistry, 2019, 79, 215-221.	1.2	19
16	An optimization framework for measuring spatial access over healthcare networks. BMC Health Services Research, 2015, 15, 273.	2.2	18
17	Disparities in Preventive Dental Care Among Children in Georgia. Preventing Chronic Disease, 2017, 14, E104.	3.4	18
18	Evaluating scenarios for school reopening under COVID19. BMC Public Health, 2022, 22, 496.	2.9	17

#	ARTICLE	IF	CITATIONS
19	Quantifying and explaining accessibility with application to the 2009 H1N1 vaccination campaign. <i>Health Care Management Science</i> , 2017, 20, 76-93.	2.6	16
20	Adherence to Recommended Care Guidelines in the Treatment of Preschool-Age Medicaid-Enrolled Children With a Diagnosis of ADHD. <i>Psychiatric Services</i> , 2019, 70, 26-34.	2.0	16
21	Small-Area Estimation of Spatial Access to Care and Its Implications for Policy. <i>Journal of Urban Health</i> , 2015, 92, 864-909.	3.6	15
22	Homebound by COVID19: the benefits and consequences of non-pharmaceutical intervention strategies. <i>BMC Public Health</i> , 2021, 21, 655.	2.9	14
23	Uncovering Longitudinal Health Care Behaviors for Millions of Medicaid Enrollees: A Multistate Comparison of Pediatric Asthma Utilization. <i>Medical Decision Making</i> , 2018, 38, 107-119.	2.4	12
24	Medicaid caseload for pediatric oral health care. <i>Journal of the American Dental Association</i> , 2019, 150, 294-304.e10.	1.5	12
25	ADA Health Policy Institute's methodology overestimates spatial access to dental care for publicly insured children. <i>Journal of Public Health Dentistry</i> , 2018, 78, 291-295.	1.2	11
26	Projecting the Impact of the Affordable Care Act Provisions on Accessibility and Availability of Primary Care Providers for the Adult Population in Georgia. <i>American Journal of Public Health</i> , 2016, 106, 1470-1476.	2.7	10
27	Estimating Demand for and Supply of Pediatric Preventive Dental Care for Children and Identifying Dental Care Shortage Areas, Georgia, 2015. <i>Public Health Reports</i> , 2017, 132, 343-349.	2.5	10
28	Does distance to a cystic fibrosis center impact health outcomes?. <i>Pediatric Pulmonology</i> , 2018, 53, 284-292.	2.0	10
29	A data-rich agent-based decision support model for hospital consolidation. <i>Journal of Enterprise Transformation</i> , 2016, 6, 136-161.	1.0	9
30	Modeling Heterogeneity in Healthcare Utilization Using Massive Medical Claims Data. <i>Journal of the American Statistical Association</i> , 2018, 113, 111-121.	3.1	9
31	Regularized optimization with spatial coupling for robust decision making. <i>European Journal of Operational Research</i> , 2018, 270, 898-906.	5.7	9
32	Optimal ATM replenishment policies under demand uncertainty. <i>Operational Research</i> , 2021, 21, 999-1029.	2.0	8
33	The cost-effectiveness of three interventions for providing preventive services to low-income children. <i>Community Dentistry and Oral Epidemiology</i> , 2017, 45, 522-528.	1.9	7
34	Medicaid Claims for Contraception Among Women With Medical Conditions After Release of the US Medical Eligibility Criteria for Contraceptive Use. <i>Preventing Chronic Disease</i> , 2019, 16, E03.	3.4	7
35	Asthma Prevalence Among Medicaid-Enrolled Children. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1207-1213.e4.	3.8	7
36	MICE: Multiple-Peak Identification, Characterization, and Estimation. <i>Biometrics</i> , 2007, 63, 531-539.	1.4	6

#	ARTICLE	IF	CITATIONS
37	An Economic Analysis of Intensive Multidisciplinary Interventions for Treating Medicaid-Insured Children with Pediatric Feeding Disorders. <i>Medical Decision Making</i> , 2020, 40, 596-605.	2.4	6
38	Noise reduction for enhanced component identification in multi-dimensional biomolecular NMR studies. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 1051-1065.	1.2	5
39	Assessment of Dentist Participation in Public Insurance Programs for Children in the US. <i>JAMA Network Open</i> , 2022, 5, e2221444.	5.9	5
40	The Demographics of Change: Enterprise Characteristics and Behaviors that Influence Transformation. <i>Journal of Enterprise Transformation</i> , 2013, 3, 285-306.	1.0	4
41	Large-Vector Autoregression for Multilayer Spatially Correlated Time Series. <i>Technometrics</i> , 2015, 57, 207-216.	1.9	4
42	Provider-Level Caseload of Psychosocial Services for Medicaid-Insured Children. <i>Public Health Reports</i> , 2020, 135, 599-610.	2.5	4
43	Estimating and clustering curves in the presence of heteroscedastic errors. <i>Journal of Nonparametric Statistics</i> , 2008, 20, 553-571.	0.9	3
44	Disentangling Competitive Advantage and Superior Performance and Their Roles in Enterprise Transformation. <i>Journal of Enterprise Transformation</i> , 2015, 5, 113-140.	1.0	3
45	High-dimensional multivariate additive regression for uncovering contributing factors to healthcare expenditure. <i>Biostatistics</i> , 2018, 19, 359-373.	1.5	3
46	Solving Large Batches of Linear Programs. <i>INFORMS Journal on Computing</i> , 2019, 31, 302-317.	1.7	3
47	Accounting for uncertainty in policy decision making: Improving access to pediatric dental care. <i>Health Services Research</i> , 2021, 56, 214-224.	2.0	3
48	Clustering confidence sets. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 109-124.	0.6	2
49	Reflecting on prediction strategies for epidemics. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 126, 338-349.	1.0	2
50	Global sensitivity analysis via a statistical tolerance approach. <i>European Journal of Operational Research</i> , 2022, 296, 44-59.	5.7	2
51	Evaluating access to pediatric oral health care in the southeastern states. <i>Journal of the American Dental Association</i> , 2022, 153, 330-341.e12.	1.5	2
52	A statistical test for mixture detection with application to component identification in multidimensional biomolecular NMR studies. <i>Canadian Journal of Statistics</i> , 2014, 42, 36-60.	0.9	1
53	A multidimensional approach to understanding the value deficiencies that drive enterprise transformation. <i>Journal of Enterprise Transformation</i> , 2016, 6, 1-22.	1.0	1
54	Assessing Health and Wellness Outcomes of Medicaid-Enrolled Infants Born to Adolescent Mothers. <i>Maternal and Child Health Journal</i> , 2021, 25, 821-831.	1.5	1

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55	Parallel subgradient algorithm with block dual decomposition for large-scale optimization. European Journal of Operational Research, 2022, 299, 60-74.	5.7	1
56	Association Between In-Home Treatment and Engagement in Psychosocial Services Among Medicaid-Enrolled Youth. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 1351-1361.	0.5	1