Marianthi Markatou

List of Publications by Year
in descending order

53 papers	1,937 citations	331538 21 h-index	265120 42 g-index
54 all docs	54 docs citations	54 times ranked	2173 citing authors

#	Article	IF	Citations
1	Active Computerized Pharmacovigilance Using Natural Language Processing, Statistics, and Electronic Health Records: A Feasibility Study. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 328-337.	2.2	241
2	Intrahepatic levels of CXCR3-associated chemokines correlate with liver inflammation and fibrosis in chronic hepatitis C. Hepatology, 2008, 48, 1440-1450.	3.6	194
3	Automated Acquisition of Disease-Drug Knowledge from Biomedical and Clinical Documents: An Initial Study. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 87-98.	2.2	172
4	Semiparametric Estimation of Regression Models for Panel Data. Review of Economic Studies, 1996, 63, 145.	2.9	127
5	Weighted Likelihood Equations with Bootstrap Root Search. Journal of the American Statistical Association, 1998, 93, 740-750.	1.8	96
6	Text mining for the Vaccine Adverse Event Reporting System: medical text classification using informative feature selection. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 631-638.	2.2	88
7	Pharmacodynamics of PEG-IFN Î± differentiate HIV/HCV coinfected sustained virological responders from nonresponders. Hepatology, 2006, 43, 943-953.	3.6	81
8	Mixture Models, Robustness, and the Weighted Likelihood Methodology. Biometrics, 2000, 56, 483-486.	0.8	66
9	Bounded Influence and High Breakdown Point Testing Procedures in Linear Models. Journal of the American Statistical Association, 1994, 89, 543-549.	1.8	65
10	Weighted likelihood estimating equations: The discrete case with applications to logistic regression. Journal of Statistical Planning and Inference, 1997, 57, 215-232.	0.4	59
11	Integrated, Co-located, Telemedicine-based Treatment Approaches for Hepatitis C Virus Management in Opioid Use Disorder Patients on Methadone. Clinical Infectious Diseases, 2019, 69, 323-331.	2.9	50
12	Robust Bounded-Influence Tests in Linear Models. Journal of the American Statistical Association, 1990, 85, 187-190.	1.8	45
13	Large Datasets in Biomedicine: A Discussion of Salient Analytic Issues. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 759-767.	2.2	41
14	A semiparametric method for clustering mixed data. Machine Learning, 2016, 105, 419-458.	3.4	41
15	A one-step robust estimator for regression based on the weighted likelihood reweighting scheme. Statistics and Probability Letters, 1998, 37, 341-350.	0.4	40
16	Early ribavirin pharmacokinetics, HCV RNA and alanine aminotransferase kinetics in HIV/HCV co-infected patients during treatment with pegylated interferon and ribavirin. Journal of Hepatology, 2007, 47, 23-30.	1.8	39
17	Distance Metrics and Clustering Methods for Mixed–type Data. International Statistical Review, 2019, 87, 80-109.	1.1	37
18	A framework for patient-centered telemedicine: Application and lessons learned from vulnerable populations. Journal of Biomedical Informatics, 2020, 112, 103622.	2.5	33

#	ARTICLE	IF	CITATIONS
19	Quadratic distances on probabilities: A unified foundation. Annals of Statistics, 2008, 36, .	1.4	32
20	Optimality of training/test size and resampling effectiveness in cross-validation. Journal of Statistical Planning and Inference, 2019, 199, 286-301.	0.4	31
21	Weighted Likelihood Equations with Bootstrap Root Search. , 0, .		31
22	kamila: Clustering Mixed-Type Data in <i>R</i> and Hadoop. Journal of Statistical Software, 2018, 83, .	1.8	27
23	Patient Reaction to Telemedicine for Clinical Management of Hepatitis C Virus Integrated into an Opioid Treatment Program. Telemedicine Journal and E-Health, 2019, 25, 791-801.	1.6	25
24	A comparative study of subgroup identification methods for differential treatment effect: Performance metrics and recommendations. Statistical Methods in Medical Research, 2018, 27, 3658-3678.	0.7	22
25	Robust statistical inference: weighted likelihoods or usual m-estimation?. Communications in Statistics - Theory and Methods, 1996, 25, 2597-2613.	0.6	18
26	Hepatitis C virus knowledge improves hepatitis C virus screening practices among primary care physicians. World Journal of Hepatology, 2018, 10, 319-328.	0.8	18
27	Kernels, Degrees of Freedom, and Power Properties of Quadratic Distance Goodness-of-Fit Tests. Journal of the American Statistical Association, 2014, 109, 395-410.	1.8	16
28	Bounded Influence and High Breakdown Point Testing Procedures in Linear Models. , 0, .		16
29	Influence of social determinants of health and substance use characteristics on persons who use drugs pursuit of care for hepatitis C virus infection. Journal of Substance Abuse Treatment, 2019, 102, 33-39.	1.5	14
30	An evaluation of statistical approaches to postmarketing surveillance. Statistics in Medicine, 2020, 39, 845-874.	0.8	14
31	Toward precision prescribing for methadone: Determinants of methadone deposition. PLoS ONE, 2020, 15, e0231467.	1.1	14
32	Statistical Distances and Their Role in Robustness. ICSA Book Series in Statistics, 2017, , 3-26.	0.0	14
33	Information methods for model selection in linear mixed effects models with application to HCV data. Computational Statistics and Data Analysis, 2011, 55, 2677-2697.	0.7	12
34	Empirical likelihood ratio confidence interval estimation of best linear combinations of biomarkers. Computational Statistics and Data Analysis, 2015, 82, 186-198.	0.7	11
35	Statistical Distances and the Construction of Evidence Functions for Model Adequacy. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	11
36	PDA-based informatics strategies for tobacco use screening and smoking cessation management: a case study. Studies in Health Technology and Informatics, 2007, 129, 1447-51.	0.2	11

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37	Robust scale estimation based on the the empirical characteristic function. Statistics and Probability Letters, 1995, 25, 185-192.	0.4	10
38	Non-Quadratic Distances in Model Assessment. Entropy, 2018, 20, 464.	1.1	10
39	A pattern discovery framework for adverse event evaluation and inference in spontaneous reporting systems. Statistical Analysis and Data Mining, 2014, 7, 352-367.	1.4	8
40	Hepatitis C virus core antigen: A potential alternative to HCV RNA testing among persons with substance use disorders. Journal of Substance Abuse Treatment, 2017, 78, 37-42.	1.5	8
41	Robust scale estimation in the error-components model using the empirical characteristic function. Canadian Journal of Statistics, 1995, 23, 369-381.	0.6	7
42	Robust tests in nonlinear regression models. Journal of Statistical Planning and Inference, 1996, 55, 205-217.	0.4	7
43	Patient-centered HCV care via telemedicine for individuals on medication for opioid use disorder: Telemedicine for Evaluation, Adherence and Medication for Hepatitis C (TEAM-C). Contemporary Clinical Trials, 2022, 112, 106632.	0.8	7
44	Applications of the asymmetric eigenvalue problem techniques to robust testing. Journal of Statistical Planning and Inference, 1992, 31, 51-65.	0.4	5
45	Uniform integrability of the OLS estimators, and the convergence of their moments. Test, 2016, 25, 775-784.	0.7	4
46	Poisson Kernel-Based Clustering on the Sphere: Convergence Properties, Identifiability, and a Method of Sampling. Journal of Computational and Graphical Statistics, 2020, 29, 758-770.	0.9	4
47	Weighted cross validation in model selection. Wiley Interdisciplinary Reviews: Computational Statistics, 2018, 10, e1439.	2.1	3
48	Distance-Based Statistical Inference. Annual Review of Statistics and Its Application, 2021, 8, 301-327.	4.1	3
49	Innovations in education: A prospective study of storytelling narratives to enhance hepatitis C virus knowledge among substance users. World Journal of Hepatology, 2022, 14, 972-983.	0.8	3
50	Multi-Panel Kendall plot in light of an ROC curve analysis applied to measuring dependence. Statistics, 2019, 53, 417-439.	0.3	2
51	Kernel Tests for One, Two, and K-Sample Goodness-of-Fit: State of the Art and Implementation Considerations. Emerging Topics in Statistics and Biostatistics, 2020, , 309-337.	0.1	2
52	Weighting Games in Robust Linear Regression. Journal of Multivariate Analysis, 1999, 70, 118-135.	0.5	1
53	Distance-Based Estimation Methods for Models for Discrete and Mixed-Scale Data. Entropy, 2021, 23, 107.	1.1	1