

List of Publications by Year in descending order

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60
papers

1,108
citations

567281

15
h-index

434195

31
g-index

62
all docs

62
docs citations

62
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Balancing a sample almost perfectly. <i>Statistics and Probability Letters</i> , 2022, 180, 109229.	0.7	1
2	Spatiotemporal sampling with spatial spreading and rotation of units in time. <i>Spatial Statistics</i> , 2022, 47, 100613.	1.9	0
3	Some Solutions Inspired by Survey Sampling Theory to Build Effective Clinical Trials. <i>International Statistical Review</i> , 2022, 90, 481-498.	1.9	0
4	Some Thoughts on Official Statistics and its Future (with discussion). <i>Journal of Official Statistics</i> , 2022, 38, 557-598.	0.4	0
5	Linearization and Variance Estimation of the Bonferroni Inequality Index. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2021, 184, 1008-1029.	1.1	2
6	Enhanced cube implementation for highly stratified population. <i>Japanese Journal of Statistics and Data Science</i> , 2021, 4, 783-795.	1.2	2
7	Spatial Spread Sampling Using Weakly Associated Vectors. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2020, 25, 431-451.	1.4	7
8	A general result for selecting balanced unequal probability samples from a stream. <i>Information Processing Letters</i> , 2019, 152, 105840.	0.6	4
9	Linearisation for Variance Estimation by Means of Sampling Indicators: Application to Non-response. <i>International Statistical Review</i> , 2019, 87, 347-367.	1.9	4
10	Deville and Särndal's calibration: revisiting a 25-years-old successful optimization problem. <i>Test</i> , 2019, 28, 1033-1065.	1.1	14
11	Rejoinder on: Deville and Särndal's calibration: revisiting a 25-year-old successful optimization problem. <i>Test</i> , 2019, 28, 1087-1091.	1.1	2
12	Measuring the spatial balance of a sample: A new measure based on Moran's I index. <i>Spatial Statistics</i> , 2018, 23, 182-192.	1.9	40
13	Sampling Designs on Finite Populations with Spreading Control Parameters. <i>Statistica Sinica</i> , 2018, , .	0.3	0
14	Design-based Estimators Calibrated on Estimated Totals from Multiple Surveys. <i>International Statistical Review</i> , 2017, 85, 250-269.	1.9	14
15	Probability Sampling Designs: Principles for Choice of Design and Balancing. <i>Statistical Science</i> , 2017, 32, .	2.8	34
16	Gender wage inequalities in Switzerland: the public versus the private sector. <i>Statistical Methods and Applications</i> , 2017, 26, 293-316.	1.2	3
17	Revisiting variance decomposition when independent samples intersect. <i>Statistics and Probability Letters</i> , 2017, 130, 71-75.	0.7	2
18	Quasi-systematic sampling from a continuous population. <i>Computational Statistics and Data Analysis</i> , 2017, 105, 11-23.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Using past experience to optimize audit sampling design. <i>Review of Quantitative Finance and Accounting</i> , 2017, 49, 435-462.	1.6	7
20	Ordered spatial sampling by means of the traveling salesman problem. <i>Computational Statistics</i> , 2016, 31, 1359-1372.	1.5	15
21	Balanced k -nearest neighbour imputation. <i>Statistics</i> , 2016, 50, 1310-1331.	0.6	4
22	The legacy of Corrado Gini in survey sampling and inequality theory. <i>Metron</i> , 2016, 74, 167-176.	1.2	3
23	Incorporating spatial and operational constraints in the sampling designs for forest inventories. <i>Environmetrics</i> , 2015, 26, 557-570.	1.4	9
24	Selection of balanced portfolios to track the main properties of a large market. <i>Quantitative Finance</i> , 2015, 15, 359-370.	1.7	2
25	Complex national sampling design for long-term monitoring of protected dry grasslands in Switzerland. <i>Environmental and Ecological Statistics</i> , 2014, 21, 453-476.	3.5	8
26	Fast balanced sampling for highly stratified population. <i>Computational Statistics and Data Analysis</i> , 2014, 74, 81-94.	1.2	13
27	A new resampling method for sampling designs without replacement: the doubled half bootstrap. <i>Computational Statistics</i> , 2014, 29, 1345-1363.	1.5	11
28	Variance Estimation of the Gini Index: Revisiting a Result Several Times Published. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2013, 176, 521-540.	1.1	47
29	Doubly balanced spatial sampling with spreading and restitution of auxiliary totals. <i>Environmetrics</i> , 2013, 24, 120-131.	1.4	85
30	Small area estimation by splitting the sampling weights. <i>Electronic Journal of Statistics</i> , 2013, 7, .	0.7	4
31	Size constrained unequal probability sampling with a non-integer sum of inclusion probabilities. <i>Electronic Journal of Statistics</i> , 2012, 6, .	0.7	5
32	Histogram-Based Interpolation of the Lorenz Curve and Gini Index for Grouped Data. <i>American Statistician</i> , 2012, 66, 225-231.	1.6	14
33	Inference by linearization for Zenga's new inequality index: a comparison with the Gini index. <i>Metrika</i> , 2012, 75, 1093-1110.	0.8	14
34	Bias-robustness and efficiency of model-based inference in survey sampling. <i>Statistica Sinica</i> , 2012, 22, .	0.3	3
35	Corrado Gini, a pioneer in balanced sampling and inequality theory. <i>Metron</i> , 2011, 69, 45-65.	1.2	7
36	A Direct Bootstrap Method for Complex Sampling Designs From a Finite Population. <i>Journal of the American Statistical Association</i> , 2011, 106, 534-543.	3.1	67

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37	Simple random sampling with over-replacement. Journal of Statistical Planning and Inference, 2011, 141, 597-601.	0.6	14
38	Statistical inference for the quintile share ratio. Journal of Statistical Planning and Inference, 2011, 141, 2976-2985.	0.6	16
39	Balanced Sampling. , 2011, , 81-82.		4
40	Penalized calibration in survey sampling: Design-based estimation assisted by mixed models. Journal of Statistical Planning and Inference, 2010, 140, 3199-3212.	0.6	17
41	Sampling with Unequal Probabilities. Handbook of Statistics, 2009, 29, 39-54.	0.6	29
42	General framework for the rotation of units in repeated survey sampling. Statistica Neerlandica, 2009, 63, 269-293.	1.6	7
43	Sampling Procedures for Coordinating Stratified Samples: Methods Based on Microstrata. International Statistical Review, 2008, 76, 368-386.	1.9	7
44	Optimal sampling and estimation strategies under the linear model. Biometrika, 2008, 95, 521-537.	2.4	29
45	Computational aspects of order sampling schemes. Computational Statistics and Data Analysis, 2007, 51, 3703-3717.	1.2	4
46	Systematic sampling is a minimum support design. Computational Statistics and Data Analysis, 2007, 51, 5591-5602.	1.2	7
47	A fast algorithm for balanced sampling. Computational Statistics, 2006, 21, 53-62.	1.5	32
48	Calibrated random imputation for qualitative data. Journal of Statistical Planning and Inference, 2005, 128, 411-425.	0.6	9
49	Variance approximation under balanced sampling. Journal of Statistical Planning and Inference, 2005, 128, 569-591.	0.6	52
50	Optimal allocation in balanced sampling. Statistics and Probability Letters, 2005, 74, 31-37.	0.7	14
51	Coordination, combination and extension of balanced samples. Biometrika, 2004, 91, 913-927.	2.4	9
52	Efficient balanced sampling: The cube method. Biometrika, 2004, 91, 893-912.	2.4	183
53	A variant of the Cox algorithm for the imputation of non-response of qualitative data. Computational Statistics and Data Analysis, 2004, 45, 709-719.	1.2	3
54	Towards optimal regression estimation in sample surveys. Australian and New Zealand Journal of Statistics, 2003, 45, 319-329.	0.9	16

#	ARTICLE	IF	CITATIONS
55	Selection of several unequal probability samples from the same population. Journal of Statistical Planning and Inference, 2000, 86, 215-227.	0.6	14
56	Estimation in Surveys Using Conditional Inclusion Probabilities: Simple Random Sampling. International Statistical Review, 1998, 66, 303-322.	1.9	15
57	Estimation in Surveys Using Conditional Inclusion Probabilities: Simple Random Sampling. International Statistical Review, 1998, 66, 303.	1.9	1
58	Unequal probability sampling without replacement through a splitting method. Biometrika, 1998, 85, 89-101.	2.4	99
59	New tests for departures from random behavior in spatial memory experiments. Learning and Behavior, 1996, 24, 327-340.	3.4	28
60	An elimination procedure for unequal probability sampling without replacement. Biometrika, 1996, 83, 238-241.	2.4	25