

Joseph I Naus

List of Publications by Year in descending order

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55
papers

1,637
citations

394421

19
h-index

289244

40
g-index

68
all docs

68
docs citations

68
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact probability of fixed patterns occurring in a random sequence. Communications in Statistics Part B: Simulation and Computation, 2020, , 1-16.	1.2	0
2	Research on Probability Models for Cluster of Points Before the Year 1960. , 2016, , 1-9.		0
3	A Conversation with Arthur Cohen. Statistical Science, 2016, 31, .	2.8	0
4	Approximations and Inequalities for Moving Sums. Methodology and Computing in Applied Probability, 2012, 14, 597-616.	1.2	14
5	A Latent Model to Detect Multiple Clusters of Varying Sizes. Biometrics, 2009, 65, 1011-1020.	1.4	7
6	A representative sampling plan for auditing health insurance claims. , 2007, , 121-131.		0
7	Temporal surveillance using scan statistics. Statistics in Medicine, 2006, 25, 311-324.	1.6	43
8	Scan Statistics. , 2006, , 775-790.		0
9	Multiple Window and Cluster Size Scan Procedures. Methodology and Computing in Applied Probability, 2004, 6, 389-400.	1.2	25
10	Bonferroni-type inequalities for conditional scan statistics. Statistics and Probability Letters, 2001, 53, 67-77.	0.7	7
11	Scan Statistics. Springer Series in Statistics, 2001, , .	0.9	253
12	Two-Dimensional Scan Statistics. Springer Series in Statistics, 2001, , 273-300.	0.9	1
13	Scanning N Uniform Distributed Points: Exact Results. Springer Series in Statistics, 2001, , 113-140.	0.9	0
14	Approximations for the Conditional Case. Springer Series in Statistics, 2001, , 161-184.	0.9	0
15	Success Scans in a Sequence of Trials. Springer Series in Statistics, 2001, , 43-60.	0.9	0
16	Scanning Points in a Poisson Process. Springer Series in Statistics, 2001, , 185-199.	0.9	0
17	Scanning N Uniform Distributed Points: Bounds. Springer Series in Statistics, 2001, , 141-159.	0.9	0
18	A conversation with Johannes H. B. Kemperman. Statistical Science, 2000, 15, 396.	2.8	0

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19	Scanning Multiple Sequences. , 1999, , 97-109.		1
20	A Double-Scan Statistic for Clusters of Two Types of Events. Journal of the American Statistical Association, 1997, 92, 1105-1113.	3.1	7
21	Matching among multiple random sequences. Bulletin of Mathematical Biology, 1997, 59, 483-496.	1.9	11
22	New recursive methods for scan statistic probabilities. Computational Statistics and Data Analysis, 1997, 23, 389-402.	1.2	25
23	Matching among multiple random sequences. Bulletin of Mathematical Biology, 1997, 59, 483-496.	1.9	3
24	Matching fixed rectangles in 2-dimension. Statistics and Probability Letters, 1996, 26, 83-90.	0.7	8
25	Screening for unusual matched segments in multiple protein sequences. Communications in Statistics Part B: Simulation and Computation, 1996, 25, 937-952.	1.2	10
26	Poisson approximations for the distribution and moments of ordered m-spacings. Journal of Applied Probability, 1994, 31, 271-281.	0.7	33
27	Power of the scan statistic in detecting a changed segment in a Bernoulli sequence. Biometrika, 1994, 81, 595-601.	2.4	30
28	Pattern matching between two non-aligned random sequences. Bulletin of Mathematical Biology, 1994, 56, 1143-1162.	1.9	17
29	Poisson approximations for the distribution and moments of ordered m-spacings. Journal of Applied Probability, 1994, 31, 271-281.	0.7	23
30	Power of the scan statistic for detection of clustering. Statistics in Medicine, 1993, 12, 1829-1843.	1.6	36
31	Tight Bounds and Approximations for Scan Statistic Probabilities for Discrete Data. Annals of Applied Probability, 1991, 1, .	1.3	97
32	Approximating probabilities of first passage in a particular gaussian process. Communications in Statistics - Theory and Methods, 1986, 15, 1709-1722.	1.0	3
33	Multiple clusters on the line. Communications in Statistics - Theory and Methods, 1983, 12, 1961-1986.	1.0	33
34	Approximations for Distributions of Scan Statistics. Journal of the American Statistical Association, 1982, 77, 177-183.	3.1	142
35	Approximations for Distributions of Scan Statistics. Journal of the American Statistical Association, 1982, 77, 177.	3.1	87
36	Multiple Coverage of the Line. Annals of Probability, 1979, 7, 900.	1.8	16

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37	A Simpler Expression for k th Nearest Neighbor Coincidence Probabilities. Annals of Probability, 1975, 3, 894.	1.8	67
38	The Expectation and Variance of the Number of Components in Random Linear Graphs. Annals of Probability, 1975, 3, .	1.8	5
39	Probabilities for a Generalized Birthday Problem. Journal of the American Statistical Association, 1974, 69, 810-815.	3.1	95
40	Probabilities for the Size of Largest Clusters and Smallest Intervals. Journal of the American Statistical Association, 1974, 69, 690-697.	3.1	40
41	Probabilities for the Size of Largest Clusters and Smallest Intervals. Journal of the American Statistical Association, 1974, 69, 690.	3.1	4
42	Probabilities for a Generalized Birthday Problem. Journal of the American Statistical Association, 1974, 69, 810.	3.1	16
43	Tables of Critical Values for a k -Sample Kolmogorov-Smirnov Test Statistic. Journal of the American Statistical Association, 1973, 68, 994.	3.1	4
44	Power Sum Distributions. Journal of the American Statistical Association, 1973, 68, 740-742.	3.1	6
45	Tables of Critical Values for a k -Sample Kolmogorov-Smirnov Test Statistic. Journal of the American Statistical Association, 1973, 68, 994-997.	3.1	6
46	Probabilities for a k th Nearest Neighbor Problem on the Line. Annals of Probability, 1973, 1, 188.	1.8	19
47	A Probabilistic Model for Identifying Errors in Data Editing. Journal of the American Statistical Association, 1972, 67, 943-950.	3.1	13
48	A Probabilistic Model for Identifying Errors in Data Editing. Journal of the American Statistical Association, 1972, 67, 943.	3.1	3
49	The Teacher's Corner: An Extension of the Birthday Problem. American Statistician, 1968, 22, 27-29.	1.6	5
50	An Extension of the Birthday Problem. American Statistician, 1968, 22, 27.	1.6	17
51	A Power Comparison of Two Tests of Non-Random Clustering. Technometrics, 1966, 8, 493.	1.9	24
52	Power Comparison of Two Tests of Non-Random Clustering. Technometrics, 1966, 8, 493-517.	1.9	49
53	Questions & Answers: An Instructive Derivation of Sums of Powers and Factorial Powers of Integers. American Statistician, 1966, 20, 42-43.	1.6	0
54	The Distribution of the Size of the Maximum Cluster of Points on a Line. Journal of the American Statistical Association, 1965, 60, 532-538.	3.1	254

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55	The Distribution of the Size of the Maximum Cluster of Points on a Line. Journal of the American Statistical Association, 1965, 60, 532.	3.1	58