

Alan Genz

List of Publications by Year in descending order

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34
papers

2,389
citations

430442

18
h-index

580395

25
g-index

34
all docs

34
docs citations

34
times ranked

1546
citing authors

#	ARTICLE	IF	CITATIONS
1	A Look at Multiplicity Through Misclassification. <i>Sankhya B</i> , 2016, 78, 96-118.	0.4	1
2	Bivariate conditioning approximations for multivariate normal probabilities. <i>Statistics and Computing</i> , 2015, 25, 989-996.	0.8	22
3	The Supremum of Chi-Square Processes. <i>Methodology and Computing in Applied Probability</i> , 2014, 16, 715-729.	0.7	5
4	Computation of the Distribution of the Maximum of Stationary Gaussian Processes. <i>Methodology and Computing in Applied Probability</i> , 2013, 15, 969-985.	0.7	7
5	The Effect of Fire Risk on the Critical Harvesting Times for Pacific Northwest Douglas-Fir When Carbon Price Is Stochastic. <i>Agricultural and Resource Economics Review</i> , 2012, 41, 313-326.	0.6	2
6	QMC Computation of Confidence Intervals for a Sleep Performance Model. <i>Springer Proceedings in Mathematics and Statistics</i> , 2012, , 373-384.	0.1	0
7	Chapter 8 Efficient Computation of Confidence Intervals for Bayesian Model Predictions Based on Multidimensional Parameter Space. <i>Methods in Enzymology</i> , 2009, 454, 213-231.	0.4	6
8	MCQMC Methods for Multivariate Statistical Distributions. , 2008, , 35-52.		0
9	Numerical computation of rectangular bivariate and trivariate normal and t probabilities. <i>Statistics and Computing</i> , 2004, 14, 251-260.	0.8	202
10	Fully symmetric interpolatory rules for multiple integrals over hyper-spherical surfaces. <i>Journal of Computational and Applied Mathematics</i> , 2003, 157, 187-195.	1.1	39
11	Comparison of Methods for the Computation of Multivariate t Probabilities. <i>Journal of Computational and Graphical Statistics</i> , 2002, 11, 950-971.	0.9	266
12	Critical point and power calculations for the studentized range test for generally correlated means. <i>Journal of Statistical Computation and Simulation</i> , 2001, 71, 85-97.	0.7	4
13	On the Numerical Availability of Multiple Comparison Procedures. <i>Biometrical Journal</i> , 2001, 43, 645-656.	0.6	84
14	Numerical evaluation of singular multivariate normal distributions. <i>Journal of Statistical Computation and Simulation</i> , 2000, 68, 1-21.	0.7	39
15	Methods for Generating Random Orthogonal Matrices. , 2000, , 199-213.		10
16	Numerical computation of multivariate t -probabilities with application to power calculation of multiple contrasts. <i>Journal of Statistical Computation and Simulation</i> , 1999, 63, 103-117.	0.7	121
17	A stochastic algorithm for high-dimensional integrals over unbounded regions with Gaussian weight. <i>Journal of Computational and Applied Mathematics</i> , 1999, 112, 71-81.	1.1	23
18	Stochastic methods for multiple integrals over unbounded regions. <i>Mathematics and Computers in Simulation</i> , 1998, 47, 287-298.	2.4	3

#	ARTICLE	IF	CITATIONS
19	Stochastic Integration Rules for Infinite Regions. SIAM Journal of Scientific Computing, 1998, 19, 426-439.	1.3	47
20	Subregion-Adaptive Integration of Functions Having a Dominant Peak. Journal of Computational and Graphical Statistics, 1997, 6, 92-111.	0.9	14
21	Subregion-Adaptive Integration of Functions Having a Dominant Peak. Journal of Computational and Graphical Statistics, 1997, 6, 92.	0.9	28
22	Spherical-Radial Integration Rules for Bayesian Computation. Journal of the American Statistical Association, 1997, 92, 664-674.	1.8	45
23	Fully symmetric interpolatory rules for multiple integrals over infinite regions with Gaussian weight. Journal of Computational and Applied Mathematics, 1996, 71, 299-309.	1.1	159
24	DECUHR: an algorithm for automatic integration of singular functions over a hyperrectangular region. Numerical Algorithms, 1994, 8, 201-220.	1.1	25
25	Computation of Statistics Integrals using Subregion Adaptive Numerical Integration. , 1994, , 46-51.		0
26	Numerical Computation of Multivariate Normal Probabilities. Journal of Computational and Graphical Statistics, 1992, 1, 141.	0.9	218
27	Numerical Computation of Multivariate Normal Probabilities. Journal of Computational and Graphical Statistics, 1992, 1, 141-149.	0.9	553
28	Statistics Applications of Subregion Adaptive Multiple Numerical Integration. , 1992, , 267-280.		9
29	An adaptive algorithm for the approximate calculation of multiple integrals. ACM Transactions on Mathematical Software, 1991, 17, 437-451.	1.6	229
30	Algorithm 698: DCUHRE. ACM Transactions on Mathematical Software, 1991, 17, 452-456.	1.6	148
31	Matrix methods for the forced diffusion equation. International Journal of Computer Mathematics, 1989, 30, 57-69.	1.0	0
32	Fully Symmetric Interpolatory Rules for Multiple Integrals. SIAM Journal on Numerical Analysis, 1986, 23, 1273-1283.	1.1	43
33	Comparison of Methods for the Computation of Multivariate t Probabilities. , 0, .		25
34	Spherical-Radial Integration Rules for Bayesian Computation. , 0, .		12