

Stephen Joe

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

732
citations

1162367

8
h-index

996533

15
g-index

25
all docs

25
docs citations

25
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Remark on algorithm 659. ACM Transactions on Mathematical Software, 2003, 29, 49-57.	1.6	284
2	Constructing Sobol Sequences with Better Two-Dimensional Projections. SIAM Journal of Scientific Computing, 2008, 30, 2635-2654.	1.3	238
3	Iterated Galerkin versus Iterated Collocation for Integral Equations of the Second Kind. IMA Journal of Numerical Analysis, 1985, 5, 355-369.	1.5	45
4	Component-by-Component Construction of Good Lattice Rules with a Composite Number of Points. Journal of Complexity, 2002, 18, 943-976.	0.7	34
5	Imbedded Lattice Rules for Multidimensional Integration. SIAM Journal on Numerical Analysis, 1992, 29, 1119-1135.	1.1	26
6	Construction of Good Rank-1 Lattice Rules Based on the Weighted Star Discrepancy. , 2006, , 181-196.		17
7	Implementation of a lattice method for numerical multiple integration. ACM Transactions on Mathematical Software, 1993, 19, 523-545.	1.6	14
8	Good lattice rules based on the general weighted star discrepancy. Mathematics of Computation, 2006, 76, 989-1004.	1.1	13
9	Component by Component Construction of Rank-1 Lattice Rules Having $O(n^{-1}(\ln(n))^d)$ Star Discrepancy. , 2004, , 293-298.		12
10	On computing the lattice rule criterion τ . Mathematics of Computation, 1992, 59, 557-568.	1.1	10
11	On Computing the Lattice Rule Criterion R . Mathematics of Computation, 1992, 59, 557.	1.1	7
12	Adversarial risk analysis for first-price sealed-bid auctions. Australian and New Zealand Journal of Statistics, 2021, 63, 357-376.	0.4	7
13	The number of lattice rules having given invariants. Bulletin of the Australian Mathematical Society, 1992, 46, 479-495.	0.3	4
14	On Bateman's method for second kind integral equations. Numerische Mathematik, 1986, 49, 499-510.	0.9	3
15	Adversarial Risk Analysis for Auctions Using Mirror Equilibrium and Bayes Nash Equilibrium. Decision Analysis, 0, , .	1.2	3
16	Bounds on the Lattice Rule Criterion R . Mathematics of Computation, 1993, 61, 821.	1.1	1
17	An average discrepancy for optimal vertex-modified number-theoretic rules. Advances in Computational Mathematics, 2000, 12, 59-69.	0.8	1
18	A novel method of marginalisation using low discrepancy sequences for integrated nested Laplace approximations. Computational Statistics and Data Analysis, 2021, 157, 107147.	0.7	1

#	ARTICLE	IF	CITATIONS
19	GOOD INTERMEDIATE-RANK LATTICE RULES BASED ON THE WEIGHTED STAR DISCREPANCY. , 2007, , .		1
20	An Intermediate Bound on the Star Discrepancy. Springer Proceedings in Mathematics and Statistics, 2012, , 451-469.	0.1	1
21	Adversarial risk analysis for auctions using non-strategic play and level- k thinking: A general case of n bidders with regret. Communications in Statistics - Theory and Methods, 2023, 52, 7146-7164.	0.6	1
22	A useful result in searches for good vertex-modified number-theoretic rules. Journal of Computational and Applied Mathematics, 1996, 72, 371-377.	1.1	0
23	The Hermite normal form for certain rank-1 circulant and skew-circulant lattice rules. Linear Algebra and Its Applications, 2016, 496, 438-451.	0.4	0
24	On approximating the shape of one-dimensional posterior marginals using the low discrepancy points. Communications in Statistics - Theory and Methods, 0, , 1-19.	0.6	0