Stephen Joe

List of Publications by Year
in descending order

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	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
2	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
3	Adversarial risk analysis for first‐price sealed‐bid auctions. Australian and New Zealand Journal of Statistics, 2021, 63, 357-376.	0.4	7
4	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
5	An Intermediate Bound on the Star Discrepancy. Springer Proceedings in Mathematics and Statistics, 2012, , 451-469.	0.1	1
6	Constructing Sobol Sequences with Better Two-Dimensional Projections. SIAM Journal of Scientific Computing, 2008, 30, 2635-2654.	1.3	238
7	GOOD INTERMEDIATE-RANK LATTICE RULES BASED ON THE WEIGHTED STAR DISCREPANCY. , 2007, , .		1
8	Good lattice rules based on the general weighted star discrepancy. Mathematics of Computation, 2006, 76, 989-1004.	1.1	13
9	Construction of Good Rank-1 Lattice Rules Based on the Weighted Star Discrepancy. , 2006, , 181-196.		17
10	Component by Component Construction of Rank-1 Lattice Rules Having $O(n^{-1}(\ln(n))d)$ Star Discrepancy. , 2004, , 293-298.		12
11	Remark on algorithm 659. ACM Transactions on Mathematical Software, 2003, 29, 49-57.	1.6	284
12	Component-by-Component Construction of Good Lattice Rules with a Composite Number of Points. Journal of Complexity, 2002, 18, 943-976.	0.7	34
13	An average discrepancy for optimal vertex‐modified number‐theoretic rules. Advances in Computational Mathematics, 2000, 12, 59-69.	0.8	1
14	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
15	Bounds on the Lattice Rule Criterion R. Mathematics of Computation, 1993, 61, 821.	1.1	1
16	Implementation of a lattice method for numerical multiple integration. ACM Transactions on Mathematical Software, 1993, 19, 523-545.	1.6	14
17	On Computing the Lattice Rule Criterion R. Mathematics of Computation, 1992, 59, 557.	1.1	7
18	Imbedded Lattice Rules for Multidimensional Integration. SIAM Journal on Numerical Analysis, 1992, 29, 1119-1135.	1.1	26

#	ARTICLE	IF	CITATIONS
19	The number of lattice rules having given invariants. Bulletin of the Australian Mathematical Society, 1992, 46, 479-495.	0.3	4
20	On computing the lattice rule criterion ?. Mathematics of Computation, 1992, 59, 557-568.	1.1	10
21	On Bateman's method for second kind integral equations. Numerische Mathematik, 1986, 49, 499-510.	0.9	3
22	Iterated Galerkin versus Iterated Collocation for Integral Equations of the Second Kind. IMA Journal of Numerical Analysis, 1985, 5, 355-369.	1.5	45
23	Adversarial Risk Analysis for Auctions Using Mirror Equilibrium and Bayes Nash Equilibrium. Decision Analysis, 0, , .	1.2	3
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