

# 数学、统计学科重点期刊发表详细列表

数学学科发表重点期刊论文列表					
论文题目	参与作者	ISSN 号	发表时间	发表刊物	刊物级别
Quasi-periodic traveling waves for forced Kirchhoff equations with strong damping on flat tori	陈博超*	0022-0396	2023-04	JOURNAL OF DIFFERENTIAL EQUATIONS(365 卷 25 期 465-485 页)	SCI(E)
A total Cuntz semigroup for $C^*$ -algebras of stable rank one	安庆楠, 刘智超*	0022-1236	2023-04	JOURNAL OF FUNCTIONAL ANALYSIS(284 卷 8 期 109858-1-58 页)	SCI(E)
Lyapunov center theorem on rotating periodic orbits for Hamiltonian systems	邢佳敏, 杨雪, 李勇*	0022-0396	2023-03	JOURNAL OF DIFFERENTIAL EQUATIONS(363 卷 170-194 页)	SCI(E)
Controllability and ergodicity of three dimensional primitive equations driven by a finite-dimensional force	Pierre-Marie Boulevard, 高鹏*, Vahagn Nersisyan**	0003-9527	2023-02	ARCHIVE FOR RATIONAL MECHANICS AND ANALYSIS(247 卷 1 期 2-1-49 页)	SCI(E)
Feedback controllability for blowup points of the heat equation	林萍*, Hatem Zaag	0021-7824	2022-12	JOURNAL DE MATHEMATIQUES PURES ET APPLIQUEES(168 卷 65-107 页)	SCI(E)
Simultaneous recoveries for semilinear parabolic systems	林奕亘, 刘宏宇*, 柳絮, Shen Zhang	0266-5611	2022-11	INVERSE PROBLEMS(38 卷 11 期 115006-1-39 页)	SCI(E)
Well-posedness and wave breaking for a class of integrable equations	周永辉, 冀书关*	0025-5874	2022-11	MATH Z(302 卷 3 期 1527-1550 页)	SCI(E)
Optimized Ventcel-Schwarz methods for the Cahn-Hilliard equation discretized by the stabilized linear Crank-Nicolson scheme	孙亚飞, 徐英祥*, 王双宾, 高珊	1019-7168	2022-10	ADV COMPUT MATH(48 卷 5 期 67-1-28 页)	SCI(E)
Parallel-in-time preconditioner for the Sinc-Nystrom systems	Jun Liu, 吴树林*	1064-8275	2022-08	SIAM JOURNAL ON SCIENTIFIC COMPUTING(44 卷 4 期 A2386-A2411 页)	SCI(E)
A Uniform Spectral Analysis for a Preconditioned All-at-Once System from First-Order and Second-Order Evolutionary Problems	吴树林, 周涛, Zhi Zhou	0895-4798	2022-08	SIAM J MATRIX ANAL A(43 卷 3 期 1331-1353 页)	SCI(E)
Modal approximation for time-domain elastic scattering from	陈博超, 高忆先*, 刘宏宇**	0021-7824	2022-08	JOURNAL DE MATHEMATIQUES PURES ET	SCI(E)

metamaterial quasiparticles				APPLIQUEES(165 卷 148-189 页)	
Convergence rate of the vanishing viscosity limit for the Hunter-Saxton equation in the half space	彭磊, 李敬宇, 梅茗, 张凯军*	0022-0396	2022-05	JOURNAL OF DIFFERENTIAL EQUATIONS(328 卷 202-227 页)	SCI(E)
A well-conditioned direct PinT algorithm for first- and second-order evolutionary equations	Jun Liu,Xiangsheng Wang, 吴树林*, 周涛	1019-7168	2022-04	ADV COMPUT MATH(48 卷 3 期 16-1-29 页)	SCI(E)
Irreducibility of Kuramoto-Sivashinsky equation driven by degenerate noise	高鹏*	1292-8119	2022-03	ESAIM-CONTROL OPTIMISATION AND CALCULUS OF VARIATIONS(28 卷 20-1-22 页)	SCI(E)
Transonic steady-states of Euler-Poisson equations for semiconductor models with sonic boundary	陈亮, 梅茗, 张国敬*, 张凯军	0036-1410	2022-01	SIAM JOURNAL ON MATHEMATICAL ANALYSIS(54 卷 1 期 363-388 页)	SCI(E)
Wave breaking and global solutions of the weakly dissipative periodic Camassa-Holm type equation	冀书关, 周永辉*	0022-0396	2022-01	JOURNAL OF DIFFERENTIAL EQUATIONS(306 卷 439-455 页)	SCI(E)
A Parallel-in-Time Implementation of the Numerov Method For Wave Equations	孙亚飞, 吴树林, 徐英祥*	0885-7474	2022-01	J SCI COMPUT(90 卷 1 期 20-1-31 页)	SCI(E)
Error estimates and lifespan of effective boundary conditions for 2-dimensional optimally aligned coatings	李慧聪, 李敬宇*, 王学锋	0022-0396	2021-12	JOURNAL OF DIFFERENTIAL EQUATIONS(303 卷 1-41 页)	SCI(E)
C* exponential length of commutators unitaries in AH-algebras	李春光, Liangqing Li,Iván Velázquez Ruiz	1661-6952	2021-11	JOURNAL OF NONCOMMUTATIVE GEOMETRY(15 卷 3 期 841-887 页)	SCI(E)
Strong convergence and asymptotic stability of explicit numerical schemes for nonlinear stochastic differential equations	李晓月, Mao Xuerong, 杨洪福*	0025-5718	2021-11	MATHEMATICS OF COMPUTATION(90 卷 332 期 2827-2872 页)	SCI(E)
The weak Smale horseshoe and mean hyperbolicity	冯佳慧, 李勇*	0022-0396	2021-10	JOURNAL OF DIFFERENTIAL EQUATIONS(299 卷 154-195 页)	SCI(E)
Modeling the outbreak and control of African swine fever virus in large-scale pig farms	张香红, 荣鑫淼, 李娟, 范猛, 王幼明, 孙向东, 黄保续, Huaiping Zhu*	0022-5193	2021-10	JOURNAL OF THEORETICAL BIOLOGY(526 卷 110798-1-15 页)	SCI(E)
Smooth transonic steady states of hydrodynamic model for semiconductors	卫滕滕, 梅茗, 张国敬, 张凯军*	0036-1410	2021-08	SIAM JOURNAL ON MATHEMATICAL ANALYSIS(53 卷 4 期 4908-4932 页)	SCI(E)
Bulk-surface coupling: Derivation of two models	李敬宇, 苏琳琳*, 王学锋,	0022-0396	2021-07	J DIFFER EQUATIONS(289 卷 1-34 页)	SCI(E)

	王彦涛				
INFINITE HORIZON FORWARD-BACKWARD SDEs AND OPEN-LOOP OPTIMAL CONTROLS FOR STOCHASTIC LINEAR-QUADRATIC PROBLEMS WITH RANDOM COEFFICIENTS	魏庆萌, 于志勇*	0363-0129	2021-07	SIAM J CONTROL OPTIM(59 卷 4 期 2594-2623 页)	SCI(E)
Stabilization and destabilization of hybrid systems by periodic stochastic controls	李晓月, 刘暉*, Mao Xuerong, 赵军圣	0167-6911	2021-06	SYSTEMS & CONTROL LETTERS(152 卷 104929-1-10 页)	SCI(E)
On the geometric structures of transmission eigenfunctions with a conductive boundary condition and applications	刁怀安, Xinlin Cao, Hongyu Liu*	0360-5302	2021-05	COMMUN PART DIFF EQ(46 卷 4 期 630-679 页)	SCI(E)
On novel geometric structures of Laplacian eigenfunctions in $R^3$ and applications to inverse problems	曹鑫林, 刁怀安*, 刘宏宇, 邹军	0036-1410	2021-03	SIAM J MATH ANAL(53 卷 2 期 1263-1294 页)	SCI(E)
Parallel implementation for the two-stage SDIRK methods via diagonalization	吴树林, 周涛*	0021-9991	2021-03	J COMPUT PHYS(428 卷 110076-1-18 页)	SCI(E)
PROBABILISTIC INTERPRETATION OF A SYSTEM OF COUPLED HAMILTON-JACOBI-BELLMAN-ISAACS EQUATIONS	李娟, 李文强, 魏庆萌*	1292-8119	2021-03	ESAIM-CONTROL OPTIMISATION AND CALCULUS OF VARIATIONS(27 卷 S17-1-36 页)	SCI(E)
OPTIMAL ERGODIC CONTROL OF LINEAR STOCHASTIC DIFFERENTIAL EQUATIONS WITH QUADRATIC COST FUNCTIONALS HAVING INDEFINITE WEIGHTS	Mei Hongwei, 魏庆萌*, 雍炯敏	0363-0129	2021-02	SIAM J CONTROL OPTIM(59 卷 1 期 584-613 页)	SCI(E)
Wong-Zakai approximations and periodic solutions in distribution of dissipative stochastic differential equations	蒋晓萌, 李勇*	0022-0396	2021-02	JOURNAL OF DIFFERENTIAL EQUATIONS(274 卷 652-765 页)	SCI(E)
Unique continuation from a generalized impedance edge-corner for Maxwell's system and applications to inverse problems	刁怀安, Liu, Hongyu, 张龙, Zou, Jun*	0266-5611	2021-02	INVERSE PROBL(37 卷 3 期 035004-1-32 页)	SCI(E)
Homotopy Poisson algebras, Maurer-Cartan elements and Dirac structures of CLWX 2-algebroids	刘杰锋, 生云鹤*	1661-6952	2021-01	JOURNAL OF NONCOMMUTATIVE GEOMETRY(15 卷 1 期 147-193 页)	SCI(E)
Optimized Schwarz Methods with Elliptical Domain Decompositions	陈鑫, Martin Gander,	0885-7474	2021-01	J SCI COMPUT(86 卷 2 期 27-1-28 页)	SCI(E)

	徐英祥*				
Averaging Principle for Complex Ginzburg-Landau Equation Perturbated by Mixing Random Forces	高鹏*	0036-1410	2021-01	SIAM JOURNAL ON MATHEMATICAL ANALYSIS(53 卷 1 期 32-61 页)	SCI(E)
Boundary spike-layer solutions of the singular Keller-Segel system: existence and stability	Jose A. Carrillo, 李敬宇, 王治安	0024-6115	2021-01	P LOND MATH SOC(122 卷 1 期 42-68 页)	SCI(E)
Modular invariants of finite gluing groups	陈银, R.James Shank*,David L. Wehlau	0021-8693	2021-01	J ALGEBRA(566 卷 405-434 页)	SCI(E)
统计学科发表重点期刊论文列表					
论文题目	参与作者	ISSN 号	发表时间	发表刊物	刊物级别
Asymptotic independence of spiked eigenvalues and linear spectral statistics for large sample covariance matrices	Zhixiang Zhang,郑术蓉*, 潘光明, Pingshou Zhong	0090-5364	2022-08	ANNALS OF STATISTICS(50 卷 4 期 2205-2230 页)	SCI(E)
A new and flexible design construction for orthogonal arrays for modern applications	何元珍, Lin CD, 孙法省	0090-5364	2022-06	ANNALS OF STATISTICS(50 卷 3 期 1473-1489 页)	SCI(E)
Estimating number of factors by adjusted eigenvalues thresholding	Jianqing Fan**, 郭建华, 郑术蓉*	0162-1459	2022-04	JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION(117 卷 538 期 852-861 页)	SCI(E)
Max-sum tests for cross-sectional independence of high-dimensional panel data	冯龙, 姜铁峰, 刘秉辉, 熊威*	0090-5364	2022-04	ANNALS OF STATISTICS(50 卷 2 期 1124-1143 页)	SCI(E)
On Design Orthogonality, Maximin Distance, and Projection Uniformity for Computer Experiments	王亚平, 孙法省, Xu Hongquan*	0162-1459	2022-01	JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION(117 卷 537 期 375-385 页)	SCI(E)
Learning block structures in U-statistic-based matrices	张伟平, 金百锁, 白志东	0006-3444	2021-12	BIOMETRIKA(108 卷 4 期 933-946 页)	SCI(E)
Asymptotics of AIC, BIC and Cp model selection rules in high-dimensional regression	白志东, Kwok Pui Choi,Yasunori Fujikoshi, 胡江	1350-7265	2022-11	BERNOULLI(28 卷 4 期 2375-2403 页)	SCI(E)
Spectral properties of rescaled sample correlation matrix	尹燕青, 李长城, 田国梁, 郑术蓉*	1017-0405	2022-10	STATISTICA SINICA(32 卷 4 期 2007-2022 页)	SCI(E)

Large-scale covariate-assisted two-sample inference under dependence	王鹏飞, 朱文圣*	0303-6898	2022-09	SCANDINAVIAN JOURNAL OF STATISTICS(49 卷 4 期 1421-1447 页)	SCI(E)
Hypothesis testing for block-structured correlation for high-dimensional variables	郑术蓉*, H*, 郭建华	1017-0405	2022-04	STATISTICA SINICA(32 卷 2 期 719-735 页)	SCI(E)
A pairwise pseudo-likelihood approach for left-truncated and interval-censored data under the cox model	王培洁, 李丹宁*, Jianguo Sun	0006-341X	2021-12	BIOMETRICS(77 卷 4 期 1303-1314 页)	SCI(E)
Partial generalized four moment theorem revisited	姜丹丹, 白志东	1350-7265	2021-11	BERNOULLI(27 卷 4 期 2337-2352 页)	SCI(E)
Covariate-adjusted multiple testing in genome-wide association studies via factorial hidden Markov models	崔婷婷, 王鹏飞, 朱文圣*	1133-0686	2021-09	TEST(30 卷 3 期 737-757 页)	SCI(E)
A Component-Position Model, Analysis and Design for Order-of-Addition Experiments	杨建峰, 孙法省, Hongquan Xu*	0040-1706	2021-04	TECHNOMETRICS(63 卷 2 期 212-224 页)	SCI(E)
Generalized four moment theorem and an application to CLT for spiked eigenvalues of high-dimensional covariance matrices	姜丹丹, 白志东	1350-7265	2021-02	BERNOULLI(27 卷 1 期 274-294 页)	SCI(E)
Weighted Hyper-Laplacian Prior with Overlapping Group Sparsity for Image Restoration under Cauchy Noise	Kyongson Jon, 刘俊, 王晓飞, 朱文圣*, 邢雨	0885-7474	2021-04	J SCI COMPUT(87 卷 3 期 64-1-32 页)	SCI(E)