

(1) SCI 收录 234 篇论文, 按第一作者姓氏字母顺序排列:

1. Abdukhalikov, Kanat; **Chen, Jiajie; Feng, Rongquan**, On linear perfect b-Symbol codes over finite fields. *Mathematics* 11 (2023), no. 19.
2. Achter, Jeffrey D.; Altug, S. Ali; **Li, Wen-Wei** et al., Counting abelian varieties over finite fields via Frobenius densities. *Algebr. Number Theory* 17 (2023), no. 7, 1239-1280.
3. **Ai, Mingyao; Ye, Zhiqiang**; Yu, Jun, Locally D-optimal designs for hierarchical response experiments. *Stat. Sin.* 33 (2023), no. 1, 381-399.
4. **An, Jinpeng; Gan, Shaobo; Gu, Ruihao**; Shi, Yi, Rigidity of stable Lyapunov exponents and integrability for Anosov maps. *Commun. Math. Phys.* 402 (2023), no. 3, 2831-2877.
5. **Asmat, Farwa**; Khan, W. A.; Usman; Khanet et al., A scientific report on Stokes' second problem for a transient nanofluid model with a heated boundary in the presence of a magnetic field. *J. Magn. Magn. Mater.* 586 (2023).
6. **Asmat, Farwa**; Khan, W. A.; Usman; Shamshuddin et al., Thermal analysis in an electrically conducting fluid with multiple slips and radiation along a plate: A case study of Stokes' second problem. *Case Stud. Therm. Eng.* 44 (2023).
7. **Bai, Yifan**; Huang, Xing, Log-Harnack inequality and exponential ergodicity for distribution dependent Chan-Karolyi-Longstaff-Sanders and Vasicek models. *J. Theor. Probab.* 36 (2023), no. 3, 1902-1921.
8. Bao, Chenglong; **Tai, Cheng; Wu, Lei** et al., Approximation analysis of convolutional neural networks. *East Asian J. Appl. Math.* 13 (2023), no. 3, 524-549.
9. **Bao, Shijie; Guan, Qi'an**, L^2 extension and effectiveness of L^p strong openness property. *Acta. Math. Sin.-English Ser.* 39 (2023), no. 5, 814-826.
10. **Bao, Shijie; Guan, Qi'an; Yuan, Zheng**, Concavity property of minimal L^2 integrals with Lebesgue measurable gain V-fibrations over open Riemann surfaces. *J. Geom. Anal.* 33 (2023), no. 6.
11. Borthagaray, Juan Pablo; Nochetto, Ricardo H.; **Wu, Shuonan**; Xu, Jinchao, Robust BPX preconditioner for fractional Laplacians on bounded Lipschitz domains. *Math. Comput.* 92 (2023), no. 344, 2439-2473.
12. Cao, Daomin; Lai, Shanfa; **Qin, Guolin**, A note on the existence of stationary vortex patches for the SQE equation in bounded domain. *Proc. Amer. Math. Soc.* 151 (2023), no. 11, 4881-4891.
13. Cao, Daomin; **Qin, Guolin**; Zhan, Weicheng; Zou, Changjun, Karman vortex street for the generalized surface quasi-geostrophic equation. *Calc. Var. Partial Differ. Equ.* 62 (2023), no. 6.

14. **Cao, Hongyi**; Shi, Yunfeng; **Zhang, Zhifei**, Localization and regularity of the integrated density of states for Schrödinger operators on $\mathbb{Z}^d$ with C^2 -cosine Like Quasi-Periodic Potential. *Commun. Math. Phys.* 404 (2023), no. 1, 495-561.
15. Chen, Hui; Ren, Haojie; **Yao, Fang**; Zou, Changliang, Data-driven selection of the number of change-points via error rate control. *J. Am. Stat. Assoc.* 118 (2023), no. 542, 1415-1428.
16. **Chen, Jiaxiao**; **Gu, Zhonghui**; **Xu, Youjun**; **Deng, Minghua**; **Lai, Luhua**; **Pei, Jianfeng**, QuoteTarget: A sequence-based transformer protein language model to identify potentially druggable protein targets. *Protein Sci.* 32 (2023), no. 2.
17. **Chen, Jie**; Guo, Boling; Shao, Jie, Well-posedness and scattering for the generalized Boussinesq equation. *SIAM J. Math. Anal.* 55 (2023), no. 1, 133-161.
18. **Chen, Jie**; **Lu, Yufeng**; **Wang, Baoxiang**, Global Cauchy problems for the nonlocal (derivative) NLS in E^s_x . *J. Differ. Equ.* 344 (2023), 767-806.
19. **Chen, Jie**; **Wang, Baoxiang**; Wang, Zimeng, Complex valued semi-linear heat equations in super-critical spaces E^s_x . *Math. Ann.* 386 (2023), no. 3-4, 1351-1389.
20. Chen, Jingrun; **Weinan, E.**; Luo, Yixin, The random feature method for time-dependent problems. *East Asian J. Appl. Math.* 13 (2023), no. 3, 435-463.
21. Chen, Mingjuan; **Zhang, Shuai**, Almost sure global well-posedness for the fourth-order nonlinear Schr(sic)dinger equation with large initial data. *Acta Math. Sci.* 43 (2023), no. 5, 2215-2233.
22. **Chen, Qi**; **Wang, Yifei**; **Geng, Zhengyang**; **Wang, Yisen**; **Yang, Jiansheng**; **Lin, Zhouchen**, Equilibrium image denoising with implicit differentiation. *IEEE Trans. Image Process.* 32 (2023), 1868-1881.
23. **Chen, Qi**; **Wei, Dongyi**; **Zhang, Zhifei**, Linear inviscid damping and enhanced dissipation for monotone shear flows. *Commun. Math. Phys.* 400 (2023), no. 1, 215-276.
24. **Chen, Qi**; Wu, Di; **Zhang, Zhifei**, On the stability of shear flows of Prandtl type for the steady Navier-Stokes equations. *Sci. China-Math.* 66 (2023), no. 4, 679-722.
25. **Chen, Wei**; **Hu, Jun**; **Zhang, Min**, Nonconforming finite element methods of order two and order three for the Stokes flow in three dimensions. *J. Sci. Comput.* 97 (2023), no. 1.
26. Chen, Xue; **Cheng, Kuan**; Li, Xin; **Ouyang, Minghui**, Improved decoding of expander codes. *IEEE Trans. Inf. Theory* 69 (2023), no. 6, 3574-3589.
27. Chen, Yixiao; Zhang, Linfeng; **Weinan, E.**; Car, Roberto, Hybrid auxiliary field quantum Monte Carlo for molecular systems. *J. Chem. Theory Comput.* 19 (2023), no. 14, 4484-4493.

28. Cheng, Tianpei; Yang, Haijian; Huang, Jizu; **Yang, Chao**, Nonlinear parallel-in-time simulations of multiphase flow in porous media. *J. Comput. Phys.* 494 (2023).
29. **Chien, Qi; Wei, Dongyi; Zhang, Zhifei**, Linear stability of pipe Poiseuille flow at high Reynolds number regime. *Commun. Pure Appl. Math.* 76 (2023), no. 9, 1868-1964.
30. **Chong, Jacky J.**; Lafleche, Laurent; Saffirio, Chiara, On the L^2 rate of convergence in the limit from the Hartree to the Vlasov-Poisson equation. *J. Ecole Polytech.-Math.* 10 (2023), 703-726.
31. Chou, Tom; **Shao, Sihong**; Xia, Mingtao, Adaptive Hermite spectral methods in unbounded domains. *Appl. Numer. Math.* 183 (2023), 201-220.
32. Chu, Changmu; **Liu, Jiaquan**, Multiple solutions for a nonlocal problem. *Appl. Math. Lett.* 145 (2023).
33. **Chu, Jianchun**; Huang, Liding; Zhang, Jiaogen, Fully non-linear elliptic equations on compact almost Hermitian manifolds. *Calc. Var. Partial Differ. Equ.* 62 (2023), no. 3.
34. **Chu, Jianchun**; Lee, Man-Chun, Kähler tori with almost non-negative scalar curvature. *Commun. Contemp. Math.* 25 (2023), no. 7.
35. **Chu, Jianchun**; Lee, Man-Chun, Hypercritical deformed Hermitian-Yang-Mills equation revisited. *J. Reine Angew. Math.* 2023 (2023), no. 801, 161-172.
36. **Chu, Jianchun**; Lee, Man-Chun, On the Hölder estimate of Kähler-Ricci flow. *Int. Math. Res. Notices* 2023 (2023), no. 6, 4932-4951.
37. Coron, Jean-Michel; **Xiang, Shengquan**; Zhang, Ping, On the global approximate controllability in small time of semiclassical 1-D Schrödinger equations between two states with positive quantum densities. *J. Differ. Equ.* 345 (2023), 1-44.
38. Deng, Jingyang; Zhang, Shuyi; **Ma, Jinwen**, Self-attention-based deep convolution LSTM framework for sensor-based badminton activity recognition. *Sensors* 23 (2023), no. 20.
39. Diao, Hansheng; Lan, Kai-Wen; **Liu, Ruochuan**; Zhu, Xinwen, Logarithmic Riemann-Hilbert correspondences for rigid varieties. *J. Am. Math. Soc.* 36 (2023), no. 2, 483-562.
40. **Ding, Jian; Du, Hang**, Matching recovery threshold for correlated random graphs. *Ann. Stat.* 51 (2023), no. 4, 1718-1743.
41. **Ding, Jian; Du, Hang**, Detection Threshold for correlated Erdos-Renyi graphs via densest subgraph. *IEEE Trans. Inf. Theory* 69 (2023), no. 8, 5289-5298.
42. **Ding, Jian**; Gwynne, Ewain, Tightness of supercritical Liouville first passage percolation. *J. Eur. Math. Soc.* 25 (2023), no. 10, 3833-3911.

43. **Ding, Jian**; Gwynne, Ewain, Up-to-constants comparison of Liouville first passage percolation and Liouville quantum gravity. *Sci. China-Math.* 66 (2023), no. 5, 1053-1072.
44. **Ding, Jian**; Gwynne, Ewain, Uniqueness of the critical and supercritical Liouville quantum gravity metrics. *Proc. London Math. Soc.* 126 (2023), no. 1, 216-333.
45. **Ding, Jian; Jiang, Yiyang; Ma, Heng**, Shotgun threshold for sparse Erdos-Renyi graphs. *IEEE Trans. Inf. Theory* 69 (2023), no. 11, 7373-7391.
46. **Ding, Jian**; Wirth, Mateo, Correlation length of the two-dimensional random field Ising model via greedy lattice animal. *Duke Math. J.* 172 (2023), no. 9, 1781-1811.
47. **Ding, Mengyao; Hao, Xiaonan**, Small-density solutions to Keller-Segel-Navier-Stokes system with rapidly decaying diffusivities. *Discrete Contin. Dyn. Syst.-Ser. B* 28 (2023), no. 8, 4480-4496.
48. **Fan, Zhuochen; Wen, Gang; Huang, Zhipeng; Yang, Tong; Cui, Bin** et al., On the evolutionary of Bloom Filter false positives - an information theoretical approach to optimizing Bloom Filter parameters. *IEEE Trans. Knowl. Data Eng.* 35 (2023), no. 7, 7316-7327.
49. **Fang, Hanlong**, Construct holomorphic invariants in Čech cohomology by a combinatorial formula. *Manuscr. Math.* 172 (2023), no. 3-4, 1045-1091.
50. **Fang, Jiepeng**; Lan, Yixin; Xiao, Jie, The parity of Lusztig's restriction functor and Green's formula. *J. Algebra* 618 (2023), 67-95.
51. Fei, Mingwen; Lin, Fanghua; Wang, Wei; **Zhang, Zhifei**, Matrix-valued Allen-Cahn equation and the Keller-Rubinstein-Sternberg problem. *Invent. Math.* 233 (2023), no. 1, 1-80.
52. **Feng, Fan; Liang, Chen; Mao, Heng** et al., Moment-based space-variant Shack-Hartmann wavefront reconstruction. *Opt. Commun.* 540 (2023).
53. Feng, Zhicheng; Li, Conghui; **Zhang, Jiping**, On the inductive blockwise Alperin weight condition for type A. *J. Algebra* 631 (2023), 287-305.
54. Feng, Zhicheng; Li, Zhenye; **Zhang, Jiping**, Morita equivalences and the inductive blockwise Alperin weight condition for type A. *Trans. Am. Math. Soc.* 376 (2023), no. 9, 6497-6520.
55. **Gao, Guangwei; Wu, Shuonan**, A C^0 finite element approximation of planar oblique derivative problems in non-divergence form. *J. Comput. Appl. Math.* 427 (2023).
56. Gao, Guangyuan; **Li, Jiahong**, Dependence modeling of frequency-severity of insurance claims using waiting time. *Insur. Math. Econ.* 109 (2023), 29-51.

57. **Gao, Jiaxing; Jiang, Daquan; Qian, Minping**, Multivariate locally adaptive kernel density estimation. *Commun. Stat.-Simul. Comput.* 52 (2023), no. 9, 4431-4444.
58. Gao, Yuan; **Li, Tiejun**; Li, Xiaoguang; Liu, Jian-Guo, Transition path theory for Langevin dynamics on manifolds: optimal control and data-driven solver. *Multiscale Model. Simul.* 21 (2023), no. 1, 1-33.
59. Gao, Yue; **Wang, Jiajun**, The maximal systole of hyperbolic surfaces with maximal S^3 -extendable abelian symmetry. *Pac. J. Math.* 325 (2023), no. 1, 85-104.
60. **Gong, Chengxin; Ma, Jinwen**, Automated model selection of the two-layer mixtures of Gaussian process functional regressions for curve clustering and prediction. *Mathematics* 11 (2023), no. 12.
61. **Gu, Qiangqiang**; Pandey, Shishir Kumar; Tiwari, Rajarshi, A computational method to estimate spin-orbital interaction strength in solid state systems. *Comput. Mater. Sci.* 221 (2023).
62. **Gu, Zhonghui**; Luo, Xiao; **Chen, Jiaxiao; Deng, Minghua; Lai, Luhua**, Hierarchical graph transformer with contrastive learning for protein function prediction. *Bioinformatics* 39 (2023), no. 7.
63. **Guan, Qi'an**; Mi, Zhitong; **Yuan, Zheng**, Boundary points, minimal L^2 integrals and concavity property V: vector bundles. *J. Geom. Anal.* 33 (2023), no. 9.
64. **Guan, Qi'an; Yuan, Zheng**, Effectiveness of strong openness property in L^p . *Proc. Amer. Math. Soc.* 151 (2023), no. 10, 4331-4339.
65. **Guan, Qi'an; Yuan, Zheng**, Concavity property of minimal L^2 integrals with Lebesgue measurable gain. *Nagoya Math. J.* 252 (2023), 842-905.
66. **Han, Rubing; Wu, Shuonan; Zhou, Hao**, A monotone discretization for the fractional obstacle problem and its improved policy iteration. *Fractal Fract.* 7 (2023), no. 8.
67. Hayat, Amaury; Piccoli, Benedetto; **Xiang, Shengquan**, Stability of multi-population traffic flows. *Netw. Heterog. Media* 18 (2023), no. 2, 877-905.
68. Hayat, Sakander; **Asmat, Farwa**, Sharp bounds on the generalized multiplicative first Zagreb index of graphs with application to QSPR modeling. *Mathematics* 11 (2023), no. 10.
69. **He, Bojie**; Zhou, Xiangyu, Metrics on twisted pluricanonical bundles and finite generation of twisted canonical rings. *Pure Appl. Math. Q.* 19 (2023), no. 2, 451-485.
70. He, Jialin; Ma, Fuhong; Ma, Jie; **Ye, Xinyang**, The minimum number of clique-saturating edges. *J. Comb. Theory Ser. B* 159 (2023), 42-60.

71. **Hou, Haojie; Ren, Yan-Xia;** Song, Renming, Invariance principle for the maximal position process of branching Brownian motion in random environment. *Electron. J. Probab.* 28 (2023).
72. Hou, Thomas Y.; **Huang, De,** Potential singularity formation of incompressible axisymmetric Euler equations with degenerate viscosity coefficients. *Multiscale Model. Simul.* 21 (2023), no. 1, 218-268.
73. **Hou, Zhenduo;** Wang, Ding, New observations on Zipf's law in passwords. *IEEE Trans. Inf. Forensic Secur.* 18 (2023), 517-532.
74. **Hu, Jun; Luo, Hao; Zhang, Zihang,** A fast solver for generalized optimal transport problems based on dynamical system and algebraic multigrid. *J. Sci. Comput.* 97 (2023), no. 1.
75. Hu, Shuangnian; **Feng, Rongquan,** The number of solutions of cubic diagonal equations over finite fields. *AIMS Math.* 8 (2023), no. 3, 6375-6388.
76. **Hu, Yuhao; Liu, Peng; Shi, Yuguang,** Rigidity of 3D spherical caps via μ -bubbles. *Pac. J. Math.* 323 (2023), no. 1, 89-114.
77. **Huang, De; Tong, Jiajun; Wei, Dongyi,** On self-similar finite-time blowups of the De Gregorio model on the real line. *Commun. Math. Phys.* 402 (2023), no. 3, 2791-2829.
78. Huang, Weizhang; **Li, Ruo;** Qiu, Jianxian; **Zhang, Min,** A well-balanced moving mesh discontinuous Galerkin method for the Ripa model on triangular meshes. *J. Comput. Phys.* 487 (2023).
79. Huang, Xin; Li, Pengcheng; **Zhang, Jiping,** The strengthened Broué abelian defect group conjecture for $SL(2, p^n)$ and $GL(2, p^n)$. *J. Algebra* 633 (2023), 114-137.
80. Jang, Jiwook; **Qu, Yan;** Zhao, Hongbiao; Dassios, Angelos, A Cox model for gradually disappearing events. *Probab. Eng. Inform. Sci.* 37 (2023), no. 1, 214-231.
81. **Ji, Ce; Wang, Zhiyuan; Yang, Chenglang,** Kac-Schwarz operators of type B, quantum spectral curves, and spin Hurwitz numbers. *J. Geom. Phys.* 189 (2023).
82. Jiang, Bingbing; Zhang, Chenglong; **Zhong, Yan;** Liu, Yi; Zhang, Yingwei; Wu, Xingyu; Sheng, Weiguo, Adaptive collaborative fusion for multi-view semi-supervised classification. *Inf. Fusion* 96 (2023), 37-50.
83. Jiang, Haiyan; Gao, Xingming; Hu, Yueguang; **Lu, Tiao,** Green function method for quantum transport based on the generalized Fourier transform. *Numer. Math.-Theory Methods Appl.* 16 (2023), no. 3, 701-719.
84. Jiang, Haiyan; **Lu, Tiao;** Yao, Wenqi; **Zhang, Weitong,** Numerical study of transient Wigner-Poisson model for RTDs: numerical method and its applications. *SIAM J. Sci. Comput.* 45 (2023), no. 4, A1766-A1788.

85. **Jin, Pengzhan**; Zhang, Zhen; Kevrekidis, Ioannis G.; Karniadakis, George Em, Learning Poisson systems and trajectories of autonomous systems via Poisson neural networks. *IEEE Trans. Neural Netw. Learn. Syst.* 34 (2023), no. 11, 8271-8283.
86. Jost, Juergen; Mulas, Raffaella; **Zhang, Dong**, Petals and books: The largest Laplacian spectral gap from 1. *J. Graph Theory* 104 (2023), no. 4, 727-756.
87. Jun, Seong-Hwan; Nasif, Hassan; Jennings-Shaffer, Chris; Rich, David H.; Kooperberg, Anna; Fourment, Mathieu; **Zhang, Cheng**; Suchard, Marc A.; Matsen, Frederick A., A topology-marginal composite likelihood via a generalized phylogenetic pruning algorithm. *Algorithms. Mol. Biol.* 18 (2023), no. 1.
88. Kakar, Mohib Ullah; Karim, Hammad; Shabir, Ghazala; **Iqbal, Imran** et al., A review on extraction, composition, structure, and biological activities of polysaccharides from different parts of *Nelumbo nucifera*. *Food Sci. Nutr.* 11 (2023), no. 7, 3655-3674.
89. Komori, Yoshio; **Yang, Guoguo**; Burrage, Kevin, Formulae for mixed moments of Wiener processes and a stochastic area integral. *SIAM J. Numer. Anal.* 61 (2023), no. 4, 1716-1736.
90. Kong, Deqiang; **Huang, Siyuan**; **Li, Jiabin**; **Shi, Yang**; **Xi, Ruibin** et al., The dynamic cellular landscape of grafts with acute rejection after heart transplantation. *J. Heart Lung Transplant.* 42 (2023), no. 2, 160-172.
91. Kong, Liang; **Zheng, Hao**, Categorical computation. *Front. Phys.* 18 (2023), no. 2.
92. Kong, Xiangshun; Zheng, Wei; **Ai, Mingyao**, Representative points for distribution recovering. *J. Stat. Plan. Infer.* 224 (2023), 69-83.
93. Lang, Honglei; Xiao, Zheheng; **Xu, Xiaomeng**, On real forms of Dubrovin-Ugaglia Poisson brackets. *J. Geom. Phys.* 190 (2023).
94. Laredo, Valerio Toledano; **Xu, Xiaomeng**, Stokes phenomena, Poisson-Lie groups and quantum groups. *Adv. Math.* 429 (2023).
95. Ledrappier, Francois; **Shu, Lin**, The regularity of the linear drift in negatively curved spaces. *Mem. Am. Math. Soc.* 281 (2023), no. 1387, I.
96. **Li, Chengzhi**; Liu, Changjian, A proof of a Dumortier-Roussarie's conjecture. *Discret. Contin. Dyn. Syst.-Ser. S* 16 (2023), no. 3-4, 460-473.
97. Li, Hao; **Xie, Sirui**; Zhang, Shihong; Chen, Shuaifeng; Song, Hongwu; Xu, Yong; Pokrovsky, Artur I.; Khina, Boris B., Spring-back behaviors of Ti-6Al-4V sheet under effect of strain rate. *Int. J. Mech. Sci.* 260 (2023).

98. **Li, Haokun; Xia, Bican; Zhang, Huiying; Zheng, Tao**, Choosing better variable orderings for cylindrical algebraic decomposition via exploiting chordal structure. *J. Symb. Comput.* 116 (2023), 324-344.
99. Li, Long; Hu, Guanghui; **Yang, Jiansheng**, Piecewise-analytic interfaces with weakly singular points of arbitrary order always scatter. *J. Funct. Anal.* 284 (2023), no. 5.
100. Li, Meng; **Xue, Zhe; Wang, Yinan; Guan, Zhenpeng** et al., High temperature strengthening mechanism of pure Zn with trace Mn addition. *J. Mater. Res. Technol.-JMRT* 25 (2023), 6764-6776.
101. Li, Qianxiao; **Lin, Ting**; Shen, Zuowei, Deep learning via dynamical systems: An approximation perspective. *J. Eur. Math. Soc.* 25 (2023), no. 5, 1671-1709.
102. **Li, Ruo; Liu, Qicheng**; Yang, Fanyi, A discontinuous least squares finite element method for the Helmholtz equation. *Numer. Meth. Part Differ. Equ.* 39 (2023), no. 2, 1425-1448.
103. **Li, Ruo; Liu, Qicheng**; Yang, Fanyi, A reconstructed discontinuous approximation on unfitted meshes to $H(\text{curl})$ and $H(\text{div})$ interface problems. *Comput. Meth. Appl. Mech. Eng.* 403 (2023).
104. **Li, Ruo**; Yang, Fanyi, Reconstructed discontinuous approximation to Stokes equation in a sequential least squares formulation. *J. Comput. Math.* 41 (2023), no. 1, 39-71.
105. **Li, Ruo; Yang, Yichen**, Linear moment models to approximate Knudsen layers. *Int. J. Numer. Anal. Model.* 20 (2023), no. 2, 153-175.
106. **Li, Ruo; Yang, Yichen**, Slip and jump coefficients for general gas-surface interactions according to the moment method. *Phys. Fluids* 35 (2023), no. 3.
107. **Li, Ruo; Yang, Yichen**, On well-posed boundary conditions for the linear non-homogeneous moment equations in half-space. *J. Stat. Phys.* 190 (2023), no. 11.
108. **Li, Ruo; Yang, Yichen**; Zhou, Yizhou, Construction of boundary conditions for Navier-Stokes equations from the moment system. *J. Stat. Phys.* 190 (2023), no. 6.
109. **Li, Ruo; Zhong, Wei**, Locally order-preserving mapping for WENO methods. *J. Comput. Appl. Math.* 424 (2023).
110. **Li, Ruo; Zhong, Wei**, A robust and efficient component-wise WENO scheme for Euler equations. *Appl. Math. Comput.* 438 (2023).
111. Li, Sijing; **Zhang, Cheng**; Zhang, Zhiwen; Zhao, Hongkai, A data-driven and model-based accelerated Hamiltonian Monte Carlo method for Bayesian elliptic inverse problems. *Stat. Comput.* 33 (2023), no. 4.

- 112.Li, Tao; **Ma, Jinwen**, Hidden Markov mixture of Gaussian process functional regression: Utilizing multi-scale structure for time series forecasting. *Mathematics* 11 (2023), no. 5.
- 113.Li, Tao; **Ma, Jinwen**, A variational hardcut EM algorithm for the mixtures of Gaussian processes. *Sci. China-Inf. Sci.* 66 (2023), no. 3.
- 114.Li, Wei; Luo, Shanshan; **He, Yangbo**; Geng, Zhi, Subgroup analysis using Bernoulli-gated hierarchical mixtures of experts models. *Stat. Med.* 42 (2023), no. 26, 4681-4695.
- 115.**Li, Wen-wei**, Generalized zeta integrals on certain real prehomogeneous vector spaces. *Nagoya Math. J.* 249 (2023), 50-87.
- 116.**Li, Xiaoqing; Ma, Jinwen**, Fine-grained image retrieval by combining attention mechanism and context information. *Neural Comput. Appl.* 35 (2023), no. 2, 1881-1897.
- 117.**Li, Xinyu; Miao, Wang**; Lu, Fang; **Zhou, Xiao-Hua**, Improving efficiency of inference in clinical trials with external control data. *Biometrics* 79 (2023), no. 1, 394-403.
- 118.Li, Yan; **Tian, Gang; Zhu, Xiaohua**, Singular Kähler-Einstein metrics on $\mathbb{Q}$ -Fano compactifications of Lie groups. *Math. Eng.* 5 (2023), no. 2, 1-43.
- 119.Li, Yingyu; **Liu, Jianming**; Liu, Min; Han et al., Facile fabrication and characterization of rare earth complexes based on Keggin-type polyoxometalate with highly efficient activity for photocatalytic degradation of MO. *Crystengcomm* 25 (2023), no. 41, 5851-5860.
- 120.**Li, Zhengyi; Dong, Bin**; Wang, Yanli, Learning invariance preserving moment closure model for Boltzmann-BGK equation. *Commun. Math. Stat.* 11 (2023), no. 1, 59-101.
- 121.Li, Zhi; **Xu, Wang**; Zhou, Xiangyu, On Demailly's L^2 extension theorem from non-reduced subvarieties. *Math. Z.* 305 (2023), no. 2.
- 122.Liang, Decai; Huang, Hui; Guan, Yongtao; **Yao, Fang**, Test of weak separability for spatially stationary functional field. *J. Am. Stat. Assoc.* 118 (2023), no. 543, 1606-1619.
- 123.Liang, Xiao; Li, Mingfan; Xiao, Qian; Chen, Junshi; **Yang, Chao**; An, Hong; He, Lixin, Deep learning representations for quantum many-body systems on heterogeneous hardware. *Mach. Learn.-Sci. Technol.* 4 (2023), no. 1.
- 124.Ling, Dan; **Tang, Huazhong**, Genuinely multidimensional physical-constraints-preserving finite volume schemes for the special relativistic hydrodynamics. *Commun. Comput. Phys.* 34 (2023), no. 4, 955-992.

- 125.Liu, Gang; Oshima, Yoshiki; **Yu, Jun**, Restriction of irreducible unitary representations of $\text{Spin}(N, 1)$ to parabolic subgroups. *Represent. Theory* 27 (2023), 887-932.
- 126.Liu, Huan; **Zheng, Xiangcheng**, Mathematical analysis and efficient finite element approximation for variable-order time-fractional reaction-diffusion equation with nonsingular kernel. *Math. Meth. Appl. Sci.* 46 (2023), no. 7, 8074-8088.
- 127.Liu, Rongli; **Ren, Yan-Xia**; Song, Renming; Sun, Zhenyao, Subcritical superprocesses conditioned on non-extinction. *Stoch. Process. Their Appl.* 163 (2023), 498-534.
- 128.Liu, Wanting; **Zou, Yajun**; Li, Xuebo, Study of interscale interactions for turbulence over the obstacle arrays from a machine learning perspective. *Phys. Fluids* 35 (2023), no. 4.
- 129.Liu, Weiping; Lin, Ningjing; Feng, Xinqin; Xie, Yan; You, Chong; Zhou, Xiaohua; Song, Yuqin; Zhu, Jun, Long-term survival benefit of anti-PD-1 therapy in patients with relapsed or refractory classical Hodgkin lymphoma. *Signal Transduct. Target. Ther.* 8 (2023), no. 1.
- 130.Liu, Yong; Li, Xiangyu; Zhang, Zhongshi; Li, Hua; Chen, Huopo; **Hu, Xiaoyu**, What controls the subseasonal precipitation reversal over the western Tibetan Plateau in winter? *J. Geophys. Res.-Atmos.* 128 (2023), no. 21.
- 131.Lu, Yufeng, Local smoothing estimates of fractional Schrödinger equations in α -modulation spaces with some applications. *J. Evol. Equ.* 23 (2023), no. 2.
- 132.Lu, Yufeng, Well-posedness of generalized KdV and one-dimensional fourth-order derivative nonlinear Schrödinger equations for data with an infinite L^2 norm. *Stud. Appl. Math.* 150 (2023), no. 3, 883-898.
- 133.Luo, Hao, Accelerated differential inclusion for convex optimization. *Optimization* 72 (2023), no. 5, 1139-1170.
- 134.Luo, Jiaxin; Deng, Minghua; Zhang, Xuegong; Sun, Xiaoqiang, ESICCC as a systematic computational framework for evaluation, selection, and integration of cell-cell communication inference methods. *Genome Res.* 33 (2023), no. 10, 1788-1805.
- 135.Luo, Shanshan; Li, Wei; He, Yangbo, Causal inference with outcomes truncated by death in multiarm studies. *Biometrics* 79 (2023), no. 1, 502-513.
- 136.Luo, Xiao; Wang, Haixin; Wu, Daqing; Chen, Chong; Deng, Minghua; Huang, Jianqiang; Hua, Xian-Sheng, A survey on deep hashing methods. *ACM Trans. Knowl. Discov. Data* 17 (2023), no. 1.
- 137.Ma, Chencheng; Tu, Yundong, Group fused Lasso for large factor models with multiple structural breaks. *J. Econom.* 233 (2023), no. 1, 132-154.

- 138.**Ma, Chenchen; Tu, Yundong**, Shrinkage estimation of multiple threshold factor models. *J. Econom.* 235 (2023), no. 2, 1876-1892.
- 139.**Ma, Zhiting**; Yong, Wen-An, Nonrelativistic limit of the Euler-HMPN approximation models arising in radiation hydrodynamics. *Math. Meth. Appl. Sci.* 46 (2023), no. 13, 13741-13780.
- 140.Ma, Zhongxin; Valero, Jose; **Zhao, Jiacheng**, Multi-valued perturbations on stochastic evolution equations driven by fractional Brownian motions. *Nonlinearity* 36 (2023), no. 11, 6152-6176.
- 141.**Mo, Xiaohuan**; Zheng, Daxiao, On a projective class of Finsler metrics by warped product. *J. Geom. Anal.* 33 (2023), no. 7.
- 142.Neofytidis, Christoforos; **Wang, Shicheng; Wang, Zhongzi**, Realising sets of integers as mapping degree sets. *Bull. London Math. Soc.* 55 (2023), no. 4, 1700-1717.
- 143.Ni, Angxiu; **Tong, Yao**, Recursive divergence formulas for perturbing unstable transfer operators and physical measures. *J. Stat. Phys.* 190 (2023), no. 7.
- 144.**Pandey, Shishir Kumar; Gu, Qiangqiang; Lin, Yihao**; Tiwari, Rajarshi; **Feng, Ji**, Emergence of bond-dependent highly anisotropic magnetic interactions in Sr4RhO6: A theoretical study. *Phys. Rev. B* 107 (2023), no. 11.
- 145.Pei, Yuanhua; Dong, Yongsheng; Zheng, Lintao; **Ma, Jinwen**, Multi-scale feature selective matching network for object detection. *Mathematics* 11 (2023), no. 12.
- 146.Qi, Yongcheng; Xie, Mengzi; **Yang, Jingping**, Inference of high quantiles of a heavy-tailed distribution from block data. *Statistics* 57 (2023), no. 4, 918-940.
- 147.Qian, Xiaohu; Li, Li; **Wang, Yinan** et al., Versatile metallo-supramolecular polymeric interphase for highly reversible zinc metal anodes. *Energy Storage Mater.* 58 (2023), 204-214.
- 148.Qian, Zhongmin; **Xu, Xingcheng**, Probability bounds for reflecting diffusion processes. *Stat. Probab. Lett.* 199 (2023).
- 149.**Qiu, Jiahao**, Polynomial orbits in totally minimal systems. *Adv. Math.* 432 (2023).
- 150.Qiu, Jiali; Wang, Fei; **Ling, Min**; Zhao, Jikun, The interior penalty virtual element method for the fourth-order elliptic hemivariational inequality. *Commun. Nonlinear Sci. Numer. Simul.* 127 (2023).
- 151.Ren, Siqi; **Wang, Luqi; Wei, Dongyi; Zhang, Zhifei**, Linear inviscid damping and vortex axisymmetrization via the vector field method. *J. Funct. Anal.* 285 (2023), no. 1.
- 152.**Ren, Yan-Xia**; Song, Renming; **Yang, Fan**, Branching Brownian motion in a periodic environment and existence of pulsating traveling waves. *Electron. J. Probab.* 28 (2023), 1-50.

153. Saghin, Radu; **Sun, Wenxiang**; Vargas, Edson, Topological chaos and statistical triviality. *J. Math. Anal. Appl.* 527 (2023), no. 2.
154. Shan, Minjie; **Wang, Baoxiang**; Zhang, Liqun, Resonant decompositions and global well-posedness for 2D Zakharov-Kuznetsov equation in Sobolev spaces of negative indices. *J. Differ. Equ.* 355 (2023), 386-436.
155. **Shao, Sihong**; **Su, Lili**, Nonlocalization of singular potentials in quantum dynamics. *J. Comput. Electron.* 22 (2023), no. 4, 930-945.
156. **Shen, Zhengyang**; Yang, Yibo; She, Qi; Wang, Changhu; **Ma, Jinwen**; **Lin, Zhouchen**, Newton design: designing CNNs with the family of Newton's methods. *Sci. China-Inf. Sci.* 66 (2023), no. 6.
157. **Shi, Baoming**; Han, Yucen; Yin, Jianyuan; Majumdar, Apala; **Zhang, Lei**, Hierarchies of critical points of a Landau-de Gennes free energy on three-dimensional cuboids. *Nonlinearity* 36 (2023), no. 5, 2631-2654.
158. **Shi, Yang**; **Jing, Biyang**; **Xi, Ruibin**, Comprehensive analysis of neoantigens derived from structural variation across whole genomes from 2528 tumors. *Genome Biol.* 24 (2023), no. 1.
159. Siegel, Jonathan W.; Hong, Qingguo; **Jin, Xianlin**; Hao, Wenrui; Xu, Jinchao, Greedy training algorithms for neural networks and applications to PDEs. *J. Comput. Phys.* 484 (2023).
160. Sun, Hongbin; **Wang, Zhongzi**, Minimal Euler characteristics of 4-manifolds with 3-manifold groups. *Sci. China-Math.* 66 (2023), no. 10, 2325-2336.
161. **Sun, Yang**, Consistent model checking procedures for parametric regressions with missing response. *Commun. Stat.-Theory Methods* 52 (2023), no. 1, 208-226.
162. **Sun, Yang**; **Fang, Xiangzhong**, Robust calibration of computer models based on Huber loss. *J. Syst. Sci. Complex.* 36 (2023), no. 4, 1717-1737.
163. **Tan, Zengqiang**; Ran, Maohua, Linearized compact difference methods for solving nonlinear Sobolev equations with distributed delay. *Numer. Meth. Part Differ. Equ.* 39 (2023), no. 3, 2141-2162.
164. **Tan, Zengqiang**; **Tang, Huazhong**, A general class of linear unconditionally energy stable schemes for the gradient flows, II. *J. Comput. Phys.* 495 (2023).
165. **Tan, Zengqiang**; Yan, Xiaoqiang; Qian, Xu; Song, Songhe, Linearized compact difference schemes applied to nonlinear variable coefficient parabolic equations with distributed delay. *Numer. Meth. Part Differ. Equ.* 39 (2023), no. 3, 2307-2326.
166. **Tang, Lin**; **Zhang, Guoming**, $W^{1,p}$ estimates for nonlinear Schrödinger equations with partially BMO coefficients in Reifenberg domains. *Math. Z.* 304 (2023), no. 3.

167. **Tang, Qian; Xu, Xiaomeng**, Stokes phenomenon and Poisson brackets in r-matrix form. *J. Geom. Phys.* 188 (2023).
168. Tian, Tian; Kong, Fei; Yang, Rui; Long, Xiaoyu; Chen, Lixue; Li, Ming; Li, Qin; Hao, Yongxiu; He, Yangbo; Zhang, Yunjun; Li, Rong; Wang, Yuanyuan; Qiao, Jie, A Bayesian network model for prediction of low or failed fertilization in assisted reproductive technology based on a large clinical real-world data. *Reprod. Biol. Endocrinol.* 21 (2023), no. 1.
169. Walayat, Khuram; Haeri, Sina; **Iqbal, Imran**; Zhang, Yonghao, Hybrid PD-DEM approach for modeling surface erosion by particles impact. *Comput. Part. Mech.* 10 (2023), no. 6, 1895-1911.
170. Wang, An; Liu, Yanan; **Zhong, Chengchen**, The d-boundedness of the Bergman metric on a kind of Hartogs domain. *Complex Var. Elliptic Equ.* 68 (2023), no. 9, 1539-1549.
171. Wang, An; **Zhong, Chengchen**; Liu, Yanan, On the Kähler hyperbolicity with respect to the Bergman metric on a class of Hartogs domains. *Arch. Math.* 120 (2023), no. 5, 533-541.
172. Wang, An; **Zhong, Chengchen**, Lu Qi-Keng problem and topological properties of zero variety on the Thullen domain. *Front. Math.* 18 (2023), no. 4, 817-836.
173. Wang, Fei; **Deng, Yuhao**, Non-asymptotic bounds of AIPW estimators for means with missingness at random. *Mathematics* 11 (2023), no. 4.
174. Wang, Jun; Shehzad, Khuram; **Asmat, Farwa** et al., Dynamic study of multi-peak solitons and other wave solutions of new coupled KdV and new coupled Zakharov-Kuznetsov systems with their stability. *J. Taibah Univ. Sci.* 17 (2023), no. 1.
175. **Wang, Ling; Zhou, Bin**, Interior estimates for the Monge-Ampère type fourth order equations. *Rev. Mat. Iberoam.* 39 (2023), no. 5, 1895-1923.
176. Wang, Luqi; **Zhang, Zhifei**; Zhu, Hao, Dynamics near Couette flow for the β -plane equation. *Adv. Math.* 432 (2023).
177. **Wang, Wei**, Irrationally elliptic closed characteristics on symmetric compact convex hypersurfaces in $\mathbb{R}^8$. *Topol. Methods Nonlinear Anal.* 61 (2023), no. 1, 361-381.
178. **Wang, Wei**, Uniform estimates of resolvents in homogenization theory of elliptic systems. *J. Differ. Equ.* 370 (2023), 1-65.
179. **Wang, Wei**; Zhang, Ting, Homogenization theory of elliptic system with lower order terms for dimension two. *Commun. Pure Appl. Anal.* 22 (2023), no. 3, 787-824.

180. Wang, Xun; Guo, Hongping; **Shen, Zhijun**, A robust and contact resolving Riemann solver for the two-dimensional ideal magnetohydrodynamics equations. *J. Comput. Phys.* 487 (2023).
181. Wang, Yue; **Zhang, Zhifei**, Asymptotic behavior of the steady Prandtl equation. *Math. Ann.* 387 (2023), no. 3-4, 1289-1331.
182. **Wang, Zhiyuan; Yang, Chenglang**, Connected (n, m) -point functions of diagonal 2-BKP tau-functions and spin double Hurwitz numbers. *J. Math. Phys.* 64 (2023), no. 4.
183. Wu, Kailiang; **Jiang, Haili**; Shu, Chi-Wang, Provably positive central discontinuous Galerkin schemes via geometric quasilinearization for ideal MHD equations. *SIAM J. Numer. Anal.* 61 (2023), no. 1, 250-285.
184. **Wu, Tianyi**; Cai, Yuhang; **Zhang, Ruilin; Wang, Zhongyi; Tao, Louis**; Xiao, Zhuo-Cheng, Multi-band oscillations emerge from a simple spiking network. *Chaos* 33 (2023), no. 4.
185. Wu, Weibin; Wang, Jun; **Zhang, Yangpan**; Liu, Zhe; Zhou, Lu; Lin, Xiaodong, VPiP: Values packing in Paillier for communication efficient oblivious linear computations. *IEEE Trans. Inf. Forensic Secur.* 18 (2023), 4214-4228.
186. Xia, Yuchao; **Jin, Zijie; Ouyang, Linkun; Li, Juan; Xi, Ruibin** et al., TAGET: a toolkit for analyzing full-length transcripts from long-read sequencing. *Nat. Commun.* 14 (2023), no. 1.
187. **Xiang, Shengquan**, Small-time local stabilization of the two-dimensional incompressible Navier-Stokes equations. *Ann. Inst. Henri Poincaré-Anal. Non Lineaire* 40 (2023), no. 6, 1487-1511.
188. **Xiao, Wenqiang; Ling, Min**, Virtual element method for a history-dependent variational-hemivariational inequality in contact problems. *J. Sci. Comput.* 96 (2023), no. 3.
189. **Xiao, Wenqiang; Ling, Min**, A priori error estimate of virtual element method for a quasivariational-hemivariational inequality. *Commun. Nonlinear Sci. Numer. Simul.* 121 (2023).
190. **Xiao, Wenqiang; Ling, Min**, The virtual element method for general variational-hemivariational inequalities with applications to contact mechanics. *J. Comput. Appl. Math.* 428 (2023).
191. **Xie, Feng**; Zeng, Yan; Chen, Zhengming; **He, Yangbo**; Geng, Zhi; Zhang, Kun, Causal discovery of 1-factor measurement models in linear latent variable models with arbitrary noise distributions. *Neurocomputing* 526 (2023), 48-61.
192. **Xie, Juan; Zhang, Weilin**; Zhu, Xiaolei; **Deng, Minghua; Lai, Luhua**; Haider, Shozeb, Coevolution-based prediction of key allosteric residues for protein function regulation. *eLife* 12 (2023).

- 193.Xiong, Wei; **Pan, Han**; Wang, Jianrong; Tian, Maozai, An efficient model-free approach to interaction screening for high dimensional data. *Stat. Med.* 42 (2023), no. 10, 1583-1605.
- 194.Xu, Lihu; **Yao, Fang**; Yao, Qiuran; Zhang, Huiming, Non-Asymptotic guarantees for robust statistical learning under infinite variance assumption. *J. Mach. Learn. Res.* 24 (2023).
- 195.**Xu, Xiaomeng**, Stokes phenomenon and reflection equations. *Commun. Math. Phys.* 398 (2023), no. 1, 353-373.
- 196.**Xu, Xiaomeng**, On a connection formula of a higher rank analog of Painleve VI. *Int. Math. Res. Notices* 2023 (2023), no. 20, 17729-17748.
- 197.Yan, Chongya; Li, Zhiming; **Ai, Mingyao**, Characterization of three-order confounding via consulting sets. *Metrika* 86 (2023), no. 7, 753-779.
- 198.Yang, Di; **Zhang, Qingsheng**, On a new proof of the Okuyama-Sakai conjecture. *Rev. Math. Phys.* 35 (2023), no. 9.
- 199.Yang, Yibo; **Shen, Zhengyang**; Li, Huan; **Lin, Zhouchen**, Optimization-inspired manual architecture design and neural architecture search. *Sci. China-Inf. Sci.* 66 (2023), no. 11.
- 200.**Yang, Ying; Yao, Fang**, Online estimation for functional data. *J. Am. Stat. Assoc.* 118 (2023), no. 543, 1630-1644.
- 201.Ye, Haishan; **Lin, Dachao**; Chang, Xiangyu; **Zhang, Zhihua**, Towards explicit superlinear convergence rate for SR1. *Math. Program.* 199 (2023), no. 1-2, 1273-1303.
- 202.Yin, Changming; **Ai, Mingyao**; Chen, Xia; Kong, Xiangshun, Empirical likelihood for generalized linear models with longitudinal data. *J. Syst. Sci. Complex.* 36 (2023), no. 5, 2100-2124.
- 203.Ying, Andrew; **Miao, Wang**; Shi, Xu; Tchetgen, Eric J. Tchetgen, Proximal causal inference for complex longitudinal studies. *J. R. Stat. Soc. Ser. B-Stat. Methodol.* 85 (2023), no. 3, 684-704.
- 204.Yotsutani, Naoto; **Zhou, Bin**, Relative algebro-geometric stabilities of toric manifolds. *Tohoku Math. J.* 75 (2023), no. 2, 299-303.
- 205.**You, Chong**; Ormerod, John T.; **Li, Xiangyang**; Pang, Cheng Heng; **Zhou, Xiao-Hua**, An approximated collapsed variational Bayes approach to variable selection in linear regression. *J. Comput. Graph. Stat.* 32 (2023), no. 3, 782-792.
- 206.Yu, Jun; **Meng, Xiran**; Wang, Yaping, Optimal designs for semi-parametric dose-response models under random contamination. *Comput. Stat. Data Anal.* 178 (2023).
- 207.**Yuan, Musu**; Chen, Liang; **Deng, Minghua**, Clustering single-cell multi-omics data with MoClust. *Bioinformatics* 39 (2023), no. 1.

208. **Yuan, Yuhuan; Tang, Huazhong**, On the explicit two-stage fourth-order accurate time discretizations. *J. Comput. Math.* 41 (2023), no. 2, 305-324.
209. **Zeng, Jinzhe; Zhang, Duo; Lu, Denghui; Li, Zeyu; Li, Ziyao; Wang, Yingze; Ye, Haotian; Huang, Jiameng; Chang, Junhan; E, Weinan; Wang, Han et al.**, DeePMD-kit v2: A software package for deep potential models. *J. Chem. Phys.* 159 (2023), no. 5.
210. **Zeng, Yan; Hao, Zhifeng; Cai, Ruichu; Xie, Feng et al.**, Nonlinear causal discovery for high-dimensional deterministic data. *IEEE Trans. Neural Netw. Learn. Syst.* 34 (2023), no. 5, 2234-2245.
211. **Zhai, Yuyao; Chen, Liang; Deng, Minghua**, scGAD: a new task and end-to-end framework for generalized cell type annotation and discovery. *Brief. Bioinform.* 24 (2023), no. 2.
212. **Zhang, Jeffrey; Li, Wei; Miao, Wang; Tchetgen, Eric Tchetgen**, Proximal causal inference without uniqueness assumptions. *Stat. Probab. Lett.* 198 (2023).
213. **Zhang, Lei; Zhang, Pingwen; Zheng, Xiangcheng**, Discretization and index-robust error analysis for constrained high-index saddle dynamics on the high-dimensional sphere. *Sci. China-Math.* 66 (2023), no. 10, 2347-2360.
214. **Zhang, Liang**, On the lower boundedness of modified K-energy. *Front. Math.* 18 (2023), no. 2, 431-453.
215. **Zhang, Meihui; Zheng, Xiangcheng**, Numerical approximation to a variable-order time-fractional Black-Scholes model with applications in option pricing. *Comput. Econ.* 62 (2023), no. 3, 1155-1175.
216. **Zhang, Min; Huang, Weizhang; Qiu, Jianxian**, A study on CFL conditions for the DG solution of conservation laws on adaptive moving meshes. *Numer. Math.-Theory Methods Appl.* 16 (2023), no. 1, 111-139.
217. **Zhang, Min; Zhao, Zhuang**, A fifth-order finite difference HWENO scheme combined with limiter for hyperbolic conservation laws. *J. Comput. Phys.* 472 (2023).
218. **Zhang, X. I. A. N. G.**, On codimension one partially hyperbolic diffeomorphisms. *Discret. Contin. Dyn. Syst.* 43 (2023), no. 10, 3771-3795.
219. **Zhang, Zhifei; Zi, Ruizhao**, Stability threshold of Couette flow for 2D Boussinesq equations in Sobolev spaces. *J. Math. Pures Appl.* 179 (2023), 123-182.
220. **Zhang, Zhihao; Duan, Junming; Tang, Huazhong**, High-order accurate well-balanced energy stable adaptive moving mesh finite difference schemes for the shallow water equations with non-flat bottom topography. *J. Comput. Phys.* 492 (2023).

221. Zhao, Jing; Jing, Jiajie; **Wang, Yinan** et al., Noncovalent crosslinked liquid metal-incorporated polymer binder based on multiple dynamic bonds for silicon microparticle anode. *Energy Storage Mater.* 63 (2023).
222. Zhao, Weisong; **Huang, Xiaoshuai; Mao, Heng** et al., Quantitatively mapping local quality of super-resolution microscopy by rolling Fourier ring correlation. *Light Sci. Appl.* 12 (2023), no. 1, 298.
223. Zhao, Weisong; **Zhao, Shiqun; Mao, Heng** et al., Enhanced detection of fluorescence fluctuations for high-throughput super-resolution imaging. *Nat. Photonics* 17 (2023), no. 9, 806.
224. **Zhao, Xin;** Zhang, Jingru; **Lin, Wei,** Clustering multivariate count data via Dirichlet-multinomial network fusion. *Comput. Stat. Data Anal.* 179 (2023).
225. Zhao, Zhuang; **Zhang, Min,** Well-balanced fifth-order finite difference Hermite WENO scheme for the shallow water equations. *J. Comput. Phys.* 475 (2023).
226. Zheng, Suting; Wang, Dinghui; **Hu, Xi,** Sharp bounds for multilinear fractional integral operators on Morrey type spaces: the endpoint cases. *Positivity* 27 (2023), no. 3.
227. **Zhong, Chengchen;** Wang, An; Pan, Lishuang, A vanishing theorem on a class of Hartogs domain. *Acta. Math. Sin.-English Ser.* 39 (2023), no. 1, 1-12.
228. **Zhou, Hang; Yao, Fang;** Zhang, Huiming, Functional linear regression for discretely observed data: from ideal to reality. *Biometrika* 110 (2023), no. 2.
229. **Zhou, Yajing;** Zhou, Zhengchun; Liu, Zilong et al., Symmetrical Z-Complementary code sets for optimal training in generalized spatial modulation. *Signal Process.* 208 (2023).
230. **Zhu, Wenhao; Li, Lujun; Yang, Jingping;** Xie, Jiehua; **Sun, Liulei,** Asymptotic subadditivity/superadditivity of Value-at-Risk under tail dependence. *Math. Financ.* 33 (2023), no. 4, 1314-1369.
231. **Zhu, Yuru; Gu, Jia;** Qiu, Yumou; **Chen, Song Xi,** Real-world COVID-19 vaccine protection rates against infection in the Delta and Omicron eras. *Research* 6 (2023).
232. **Zhu, Zhenyuan; Chen, Fan;** Zhang, Junyu; **Wen, Zaiwen,** A unified primal-dual algorithm framework for inequality constrained problems. *J. Sci. Comput.* 97 (2023), no. 2.
233. **Zou, Shijun;** Yu, Xijun; Dai, Zihuan; Qing, Fang; Zhao, Xiaolong, A partial RKDG method for solving the 2D ideal MHD equations written in semi-lagrangian formulation on moving meshes with exactly divergence-free magnetic field. *Adv. Appl. Math. Mech.* 15 (2023), no. 4, 932-963.
234. **Zubair, Tamour; Lu, Tiao; Usman, Muhammad,** A novel scheme for time-fractional semi-relativistic Vlasov-Maxwell system based on laser-plasma

interaction with linear polarization and Landau damping instability. *Numer. Meth. Part Differ. Equ.* 39 (2023), no. 6, 4432-4453.

(2) 在线发表论文 53 篇，按第一作者姓氏字母顺序排列：

1. **Asmat, Farwa**; Asmat, Humaira; Khan, Muhammad Ijaz; Song, Yingqi, Analysis of Hanoi graph by using topological indices. *Int. J. Mod. Phys. B*.
2. **Chen, Huiping**; Chen, Yong; **Liu, Yong**, Kernel representation formula: From complex to real Wiener-Itô integrals and vice versa. *Stoch. Process. Their Appl.*
3. **Chen, Jie**; **Nie, Zhiwei**; Wang, Yu; Wang, Kai; Xu, Fan; Hu, Zhiheng; Zheng, Bing; Wang, Zhennan; Song, Guoli; Zhang, Jingyi; Fu, Jie; Huang, Xiansong; Wang, Zhongqi; Ren, Zhixiang; Wang, Qiankun; Li, Daixi; Wei, Dongqing; Zhou, Bin; **Yang, Chao**; **Tian, Yonghong**, Running ahead of evolution-AI-based simulation for predicting future high-risk SARS-CoV-2 variants. *Int. J. High Perform. Comput. Appl.*
4. **Chen, Rizeng**; **Li, Haokun**; **Xia, Bican**; **Zhoa, Tianqi**; Zheng, Tao, Isolating all the real roots of a mixed trigonometric-polynomial. *J. Symb. Comput.*
5. **Cheng, Zheng**; Liu, Jiapeng; Jiang, Tong; **Chen, Mohan**; Dai, Fuzhi; Gao, Zhifeng; Ke, Guolin; Zhao, Zifeng; Ou, Qi, Automatic screen-out of Ir(III) complex emitters by combined machine learning and computational analysis. *Adv. Opt. Mater.*
6. **Chu, Jianchun**; Mcleerey, Nicholas, Lelong numbers of m-subharmonic functions along submanifolds. *J. Inst. Math. Jussieu*.
7. Cui, Yifan; Pu, Hongming; Shi, Xu; **Miao, Wang**; Tchetgen, Eric Tchetgen, Semiparametric proximal causal inference. *J. Am. Stat. Assoc.*
8. **Ding, Jian**; **Liu, Haoyu**, Shotgun assembly threshold for lattice labeling model. *Probab. Theory Relat. Field.*
9. **Ding, Jian**; Wu, Yihong; Xu, Jiaming; Yang, Dana, The planted matching problem: sharp threshold and infinite-order phase transition. *Probab. Theory Relat. Field.*
10. **Ding, Jian**; Zhuang, Zijie, Long range order for random field Ising and Potts models. *Commun. Pure Appl. Math.*
11. **Fang, Zhuangyan**; Zhu, Shengyu; Zhang, Jiji; Liu, Yue; Chen, Zhitang; **He, Yangbo**, On low-rank directed acyclic graphs and causal structure learning. *IEEE Trans. Neural Netw. Learn. Syst.*
12. **Feng, Rongquan**, Obituary of Professor Zhexian Wan. *Designs Codes Cryptogr.*
13. **Feng, Rongquan**; Wang, Li, Semisymmetric graphs of order twice prime powers with the same prime valency. *J. Algebr. Comb.*

14. **Fu, Fangjia**; Wang, Xiaoxu; Zhang, Linfeng; Chen, Jianhui; Xu, Bo; Ouyang, Chuying; **Xu, Shenzhen**; Dai, Fu-Zhi; **Weinan, E.**, Unraveling the atomic-scale mechanism of phase transformations and structural evolutions during (de)lithiation in Si anodes. *Adv. Funct. Mater.*
15. Guo, Guanglai; Zhu, Yan; Chen, E.; Yu, Ruyun; Zhang, Lejun; Lv, Kewei; **Feng, Rongquan**, Efficient multiparty fully homomorphic encryption with computation fairness and error detection in privacy preserving multisource data mining. *IEEE Trans. Reliab.*
16. Hu, Guanghui; **Li, Ruo**; Meng, Xucheng, A numerical study of integrated linear reconstruction for steady Euler equations based on finite volume scheme. *Adv. Appl. Math. Mech.*
17. **Hu, Jun**; **Lin, Ting**; **Wu, Qingyu**, A construction of C^r conforming finite element spaces in any dimension. *Found. Comput. Math.*
18. **Hu, Xiaoyu**; Lei, Jing, A two-sample conditional distribution test using conformal prediction and weighted rank sum. *J. Am. Stat. Assoc.*
19. Huang, Juntao; **Li, Ruo**; **Zhou, Yizhou**, Coupling conditions for linear hyperbolic relaxation systems in two-scale problems. *Math. Comput.*
20. Jost, Jurgén; **Zhang, Dong**, Discrete-to-continuous extensions: Lovász extension and Morse theory. *Discret. Comput. Geom.*
21. Li, Haizhong; **Zhang, Ruijia**, A flow approach to the prescribed Gaussian curvature problem in H^{n+1} . *Adv. Calc. Var.*
22. **Li, Haokun**; **Xia, Bican**; **Zhao, Tianqi**, Square-free pure triangular decomposition of zero-dimensional polynomial systems. *J. Syst. Sci. Complex.*
23. Li, Kendrick Qijun; Shi, Xu; **Miao, Wang**; Tchetgen, Eric Tchetgen, Double negative control inference in test-negative design studies of vaccine effectiveness. *J. Am. Stat. Assoc.*
24. **Li, Wen-Wei**, Higher localization and higher branching laws. *Int. Math. Res. Notices.*
25. **Li, Yao**, Categorification of Harder-Narasimhan theory via slope functions valued in totally ordered sets. *Manuscr. Math.*
26. **Li, Yilin**; **Miao, Wang**; Shpitser, Ilya; Tchetgen, Eric J. Tchetgen J., A self-censoring model for multivariate nonignorable nonmonotone missing data. *Biometrics.*
27. Liu, Yanjun; **Wang, Lizhong**; Willems, Wolfgang; **Zhang, Jiping**, Brauer's height zero conjecture for two primes holds true. *Math. Ann.*
28. Lo, Andrew W.; **Zhang, Ruixun**, Quantifying the impact of impact investing. *Manage. Sci.*

29. **Lu, Yufeng**, Estimates for generalized wave-type Fourier multipliers on modulation spaces and applications. *Math. Nachr.*
30. Luo, Xiao; **Wu, Daqing; Gu, Yiyang**; Chen, Chong; **Liu, Luchen; Ma, Jinwen; Zhang, Ming; Deng, Minghua**; Huang, Jianqiang; Hua, Xian-Sheng, Criterion-based heterogeneous collaborative filtering for multi-behavior implicit recommendation. *ACM Trans. Knowl. Discov. Data.*
31. **Mo, Xiaohuan**; Wang, Xiaoyang, A new quantity in Finsler geometry. *Sci. China-Math.*
32. **Mo, Xiaohuan**; Zhu, Hongmei; **Zhu, Ling**, On a class of Finsler gradient Ricci solitons. *Proc. Amer. Math. Soc.*
33. **Qiu, Yumou; Sun, Jiarui; Zhou, Xiao-Hua**, Unveiling the unobservable: causal inference on multiple derived outcomes. *J. Am. Stat. Assoc.*
34. **Ren, Yan-Xia**; Song, Renming; Zhang, Rui, Lower deviation for the supremum of the support of super-Brownian motion. *J. Theor. Probab.*
35. **Ren, Yan-Xia**; Song, Renming; Zhang, Rui, Weak convergence of the extremes of branching Lévy processes with regularly varying tails. *J. Appl. Probab.*
36. **Sun, Yang; Fang, Xiangzhong**, A model calibration procedure for count response. *Commun. Stat.-Theory Methods.*
37. **Sun, Yang; Fang, Xiangzhong**, A new L_2 calibration procedure of computer models based on the smoothing spline ANOVA. *Stat. Pap.*
38. **Sun, Yang; Fang, Xiangzhong**, Robust estimators of functional single index models for longitudinal data. *Commun. Stat.-Theory Methods.*
39. **Wan, Hui**; Chen, Liang; **Deng, Minghua**, scEMAIL: Universal and source-free annotation method for scRNA-seq data with novel cell-type perception. *Genom. Proteomics Bioinformatics.*
40. **Wang, Chao**; Wang, Yuxi, Optimal Gevrey stability of hydrostatic approximation for the Navier-Stokes equations in a thin domain. *J. Inst. Math. Jussieu.*
41. **Wang, Jiaxiang; Zhou, Bin**, Trace inequalities, isocapacitary inequalities, and regularity of the complex Hessian equations. *Sci. China-Math.*
42. Wang, Ruoyu; Wang, Qihua; **Miao, Wang**, A robust fusion-extraction procedure with summary statistics in the presence of biased sources. *Biometrika.*
43. Wu, Hao; Chen, Yu-Fang; Wu, Zhilin; **Xia, Bican**; Zhan, Naijun, A decision procedure for string constraints with string/integer conversion and flat regular constraints. *Acta Inform.*
44. Xue, Kaijie; Yang, Jin; **Yao, Fang**, Optimal linear discriminant analysis for high-dimensional functional data. *J. Am. Stat. Assoc.*
45. Yang, Ying; **Yao, Fang**; Zhao, Peng, Online smooth backfitting for generalized additive models. *J. Am. Stat. Assoc.*

46. **Yu, Daohua; Gu, Ruihao**, Rigidity of center Lyapunov exponents for Anosov diffeomorphisms on 3-torus. *Proc. Amer. Math. Soc.*
47. Yu, Jun; **Ai, Mingyao; Ye, Zhiqiang**, A review on design inspired subsampling for big data. *Stat. Pap.*
48. **Zhang, Dong**, Homological eigenvalues of graph p-Laplacians. *J. Topol. Anal.*
49. **Zhang, Lei; Zhang, Pingwen**; Zheng, Xiangcheng, A model-free shrinking-dimer saddle dynamics for finding saddle point and solution landscape. *Jpn. J. Ind. Appl. Math.*
50. **Zhang, Xiang**, On codimension one special Anosov endomorphisms. *Dynam. Syst.*
51. Zou, Changwu; Dong, Guangfeng; Liu, Changjian; **Yang, Jiazhong**, The center problem on piecewise smooth differential systems with two zones. *Discret. Contin. Dyn. Syst.*
52. **Zou, Chenglong; Cui, Xiaoxin; Chen, Guang; Jiang, Yuanyuan; Wang, Yuan**, Toward a lossless conversion for spiking neural networks with negative-spike dynamics. *Adv. Intell. Syst.*
53. **Zou, Xiantong; Luo, Yingying; Huang, Qi; Zhu, Zhanxing**; Li, Yufeng; **Zhang, Xiuying; Zhou, Xianghai; Ji, Linong**, Differential effect of interventions in patients with prediabetes stratified by a machine learning-based diabetes progression prediction model. *Diabetes Obes. Metab.*

(3) 28 篇 EI 论文，按第一作者姓氏字母顺序排列：

1. An, Jie; Li, Tao; Huang, Haozhi; **Ma, Jinwen**; Luo, Jiebo, Is Bigger Always Better? An Empirical Study on Efficient Architectures for Style Transfer and Beyond, Proceedings of 2023 IEEE Winter Conference on Applications of Computer Vision (WACV 2023), p 4073-4083, 2023.
2. Bu, Hao and **Sun, Meng**, Certifying Semantic Robustness of Deep Neural Networks, Proceedings of the IEEE International Conference on Engineering of Complex Computer Systems (ICECCS), p 51-60, 2023.
3. Bu, Hao and **Sun, Meng**, DeepPatch: A Patching-Based Method for Repairing Deep Neural Networks, Proceedings of 2023 IEEE/ACM International Workshop on Deep Learning for Testing and Testing for Deep Learning, DeepTest 2023, p 25-32, 2023.
4. Bu, Hao and **Sun, Meng**, Guiding the Comparison of Neural Network Local Robustness: An Empirical Study, Artificial Neural Networks and Machine Learning, Proceedings of 32nd International Conference on Artificial Neural Networks (ICANN 2023), v 14258 LNCS, p 312-323, 2023.

5. Bu, Hao and **Sun, Meng**, Measuring Robustness of Deep Neural Networks from the Lens of Statistical Model Checking, Proceedings of 2023 International Joint Conference on Neural Networks (IJCNN 2023), v 2023-June, 2023.
6. Chen, Rizeng and **Xia, Bican**, Deciding First-order Formulas involving Univariate Mixed Trigonometric-polynomials, Proceedings of the 2023 International Symposium on Symbolic and Algebraic Computation (ISSAC 2023), p 145-154, July 24, 2023.
7. Guo, Xiangyang; Hong, Tao and **Ma, Jinwen**, Automatic Model Selection Algorithm Based on BYY Harmony Learning for Mixture of Gaussian Process Functional Regressions Models, Proceedings of 19th International Conference on Intelligent Computing (ICIC 2023), v 14089 LNAI, p 391-403, 2023.
8. Hong, Tao; Wang, Ya; Sun, Xingwu; Lian, Fengzong; Kang, Zhanhui and **Ma, Jinwen**, GradSalMix: Gradient Saliency-Based Mix for Image Data Augmentation, Proceedings of 2023 IEEE International Conference on Multimedia and Expo (ICME 2023), v 2023-July, p 1799-1804, 2023.
9. Hong, Tao; Zhang, Zeren and **Ma, Jinwen**, PCSalmix: Gradient Saliency-Based Mix Augmentation for Point Cloud Classification, Proceedings of 48th IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2023), v 2023-June, 2023.
10. Li, Li and **Xu, Maozhi**, PVCLS-SI: Isogeny-based Certificateless Signature Scheme, Proceedings of 2022 IEEE 10th International Conference on Information, Communication and Networks (ICICN 2022), p 632-637, 2022.
11. Li, Zhaochen and **Mu, Kedian**, Enlarge the Hidden Distance: A More Distinctive Embedding to Tell Apart Unknowns for Few-Shot Learning, Proceedings of 28th International Conference on Database Systems for Advanced Applications (DASFAA 2023), v 13946 LNCS, p 74-83, 2023.
12. Li, Zhaochen and **Mu, Kedian**, Meta-HRNet: A High Resolution Network for Coarse-to-Fine Few-Shot Classification, Proceedings of European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD 2023), v 14170 LNAI, p 471-487, 2023.
13. Lin, Yuan-Ching and **Ma, Jinwen**, Automatic Text Extractive Summarization Based on Text Graph Representation and Attention Matrix, Proceedings of 19th International Conference on Intelligent Computing (ICIC 2023), v 14089 LNAI, p 551-562, 2023.
14. Liu, Zhitao; Hong, Tao and **Ma, Jinwen**, UCLD-Net: Decoupling Network via Unsupervised Contrastive Learning for Image Dehazing, Proceedings of 19th International Conference on Intelligent Computing (ICIC 2023), v 14090 LNAI, p 204-215, 2023.

15. Shen, Longchao; Dong, Yongsheng; Pei, Yuanhua; Yang, Haotian; Zheng, Lintao and **Ma, Jinwen**, One-Dimensional Feature Supervision Network for Object Detection, Proceedings of 19th International Conference on Intelligent Computing (ICIC 2023), v 14090 LNAI, p 147-156, 2023.
16. Shen, Xinyi and **Lin, Zuoquan**, An Empirical Study on Context Length for Open-Domain Dialog Generation, Trends in Artificial Intelligence, Proceedings of 20th Pacific Rim International Conference on Artificial Intelligence (PRICAI 2023), v 14326 LNAI, p 336-341, 2024.
17. **Wu, Lei** and Su, Weijie J., The Implicit Regularization of Dynamical Stability in Stochastic Gradient Descent, Proceedings of the 40th International Conference on Machine Learning (ICML 2023), v 202, p 37656-37684, 2023.
18. Xie, Chuhan; Yang, Wenhao and **Zhang, Zhihua**, Semiparametrically Efficient Off-Policy Evaluation in Linear Markov Decision Processes, Proceedings of the 40th International Conference on Machine Learning (ICML 2023), v 202, p 38227-38257, 2023.
19. Xue, Xiaoyong and **Sun, Meng**, Branch and Bound for Sigmoid-Like Neural Network Verification, Formal Methods and Software Engineering, Proceedings of 24th International Conference on Formal Engineering Methods (ICFEM 2023), v 14308 LNCS, p 137-155, 2023.
20. Xue, Xiaoyong; Zhang, Xiyue and **Sun, Meng**, kProp: Multi-neuron Relaxation Method for Neural Network Robustness Verification, Proceedings of 10th IPM International Conference on Fundamentals of Software Engineering (FSEN 2023), v 14155 LNCS, p 142-156, 2023.
21. Yu, Shan; Censor, Yair; **Jiang, Ming** and Luo, Guojie, Per-RMAP: Feasibility-Seeking and Superiorization Methods for Floorplanning with I/O Assignment, Proceedings of 2023 International Symposium of Electronics Design Automation (ISED A 2023), p 286-291, 2023.
22. Zhang, Yihao; Wei, Zeming; Zhang, Xiyue and **Sun, Meng**, Using Z3 for Formal Modeling and Verification of FNN Global Robustness, Proceedings of 35th International Conference on Software Engineering and Knowledge Engineering (SEKE 2023), v 2023-July, p 110-113, 2023.
23. Zhang, Zeren; Li, Xingjian; Hong, Tao; Wang, Tianyang; **Ma, Jinwen**; Xiong, Haoyi; Xu, Cheng-Zhong, Overcoming catastrophic forgetting for fine-tuning pre-trained GANs, Proceedings of European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD 2023), v 14173 LNAI, p 293-308, 2023.

24. Zhao, Guangzhi and **Mu, Kedian**, Connection-Based Knowledge Transfer for Class Incremental Learning, Proceedings of the International Joint Conference on Neural Networks (IJCNN 2023), v 2023-June, 2023.
25. Zhao, Guangzhi; Hou, Yuting and **Mu, Kedian**, Mutually Promoted Hierarchical Learning for Incremental Implicitly-Refined Classification, Proceedings of the International Joint Conference on Neural Networks, v 2023-June, 2023.
26. Zhao, Ruiqi; Zhang, Lei; Zhu, Shengyu; Lu, Zitong; Dong, Zhenhua; Zhang, Chaoliang; Xu, Jun; **Geng, Zhi** and **He, Yangbo**, Conditional Counterfactual Causal Effect for Individual Attribution, Proceedings of the 39th Conference on Uncertainty in Artificial Intelligence (UAI 2023), v 216, p 2519-2528, 2023.
27. Zhao, Xuyang; Wang, Huiyuan and **Lin, Wei**, The Aggregation-Heterogeneity Trade-off in Federated Learning, Proceedings of 36th Annual Conference on Learning Theory (COLT 2023), v 195, p 5478-5502, 2023.
28. Zhou, Guoqing and **Xu, Maozhi**, A Polynomial-Time Attack on G2SIDH, Proceedings of 25th International Conference on Information and Communications Security (ICICS 2023), v 14252 LNCS, p 91-109, 2023.

(4) 17 篇其他论文，按第一作者姓氏字母顺序排列：

1. David Hirshleifer; Andrew W. Lo and **Ruixun Zhang**, Social Contagion and the Evolutionary Survival of Diverse Investment Styles, *Journal of Economic Dynamics and Control*, Volume 154, September 2023, 104711.
2. **Dongyi Wei** and **Zhifei Zhang**, Nonlinear enhanced dissipation and inviscid damping for the 2D Couette flow, *Tunis. J. Math.* 5(2023), no.3, 573–592.
3. Hansheng Diao; Kai-Wen Lan; **Ruochuan Liu** and Xinwen Zhu, Logarithmic Adic Spaces: Some Foundational Results, *p-adic Hodge Theory, Singular Varieties, and Non-Abelian Aspects*, Simons Symposia, pp. 65–182, Springer, 2023.
4. Jingbin Zhuo; Yufan Chen; Bang Zhou; Baiming Lang; **Lan Wu** and **Ruixun Zhang**, A Hawkes process analysis of high-frequency price endogeneity and market efficiency, *The European Journal of Finance*, 2023.
5. Kai-Wen Lan; **Ruochuan Liu** and Xinwen Zhu, De Rham comparison and Poincare duality for rigid varieties, *Peking Math J* 6, 143–216 (2023).
6. Lian Duan; Chuanfu Xiao; Min Li; Mingshuo Ding and **Chao Yang**, a-Tucker: fast input-adaptive and matricization-free Tucker decomposition of higher-order tensors on GPUs, *CCF Trans. HPC* 5, 12–25 (2023).
7. **Qi'an Guan** and Zhitong Mi, Concavity of Minimal L2 Integrals Related to Multiplier Ideal Sheaves, *Peking Math J* 6, 393–457 (2023).

8. Randall Davis; Andrew W. Lo; Sudhanshu Mishra; Arash Nourian; Manish Singh; Nicholas Wu and **Ruixun Zhang**, Explainable Machine Learning Models of Consumer Credit Risk, *The Journal of Financial Data Science* 04 October 2023.
9. **Ruixun Zhang**; Chaoyi Zhao and Guanglian Lin, Interpretable image-based deep learning for price trend prediction in ETF markets, *The European Journal of Finance*, 2023.
10. **Ruochuan Liu**; Nha Xuan Truong; Liang Xiao and Bin Zhao, A local analogue of the ghost conjecture of Bergdall-Pollack, *Peking Math J* (2023).
11. **Xiaobo Liu** and Chenglang Yang, Schur Q-Polynomials and Kontsevich–Witten Tau Function, *Peking Math J* (2023).
12. Yan Chen; **Ruo Li** and Qicheng Liu, An Arbitrary Order Reconstructed Discontinuous Approximation to Biharmonic Interface Problem, *Annals of Applied Mathematics*. 2023,39(02).
13. Zhichen Pu; Hao Li; Ning Zhang; Hong Jiang; Yiqin Gao; Yunlong Xiao; Qiming Sun; Yong Zhang and **Sihong Shao**, Noncollinear density functional theory, *Physical Review Research*, Volume 5, Issue 1, January 2023.
14. 季丹丹, **史宇光**, 关于一类边界具有极大全中曲率的区域, *中国科学: 数学*. 2024,54(10): 1-10.
15. 谭莹莹, 夏田田, 梁晓晔, **冯荣权**, 由可分组设计构造对称设计, *数学学报*. 2023,66(03): 589-598.
16. 袁昊, **马尽文**, RPCL 算法的理论发展和应用, *信号处理*. 2023,39(01): 176-190.
17. **张树义**, 王波, **马尽文**, 基于深度卷积自编码器的岩性分类与识别, *信号处理*. 2023,39(01): 11-19.