

学位授权点建设年度报告

(2022年)

学位授予单位

名称: 苏州大学

代码: 10285

授权学科
(类别)

名称: 统计学

代码: 0714

授权级别

博士

硕士

2023年2月9日

	.....	1
1.1	.....	1
1.2	.....	1
1.3	.....	2
1.4	.....	2
	.....	6
2.1	.....	6
2.2	.....	7
2.3	.....	7
	.....	8
3.1	.....	8
3.2	.....	8
3.3	.....	8
3.4	.....	8
3.5	.....	8
	.....	9
4.1	.....	9
4.2	.....	9
4.3	.....	9

4.4	.....	9
	.....	10
	.....	10
1: 5	.....	12
2: 5	.....	17
3 2022	.....	24
4 2023	.....	24

211 2011

1928

1

1

1 ,

2

2

6

2

1

2011

2012

1

2

3

4

5

Lorenz

2022

2

, 5 ;

7

21 ; 2022

2 ,

5

7

100%

3

	10		12					84.6%			
	100%		8				12				
		35		41	46	50	56	61			
			36								
			40	45	50	55	60				
	10	0	1	3	2	1	1	2	10	7	0
	12	2	3	3	3	0	1	0	12	10	0
	4	4	0	0	0	0	0	0	4	4	0
	26	6	4	6	5	1	0	2	26	21	0
22				8				18			

--	--	--	--	--	--

		19771 2			
		19860 7			
		19720 6			
		19780 5			
		19910 9			
		19911 0			
		19910 3			
		19590 5			
		19750 9			

		19761 2			
		19870 8			
		19710 4			Mathematical Biosciences and Engineering SCI
		19790 9			
		19880 6			
		19650 5			
		19661 0			
		19590 1			
		19741 0			

		19810 9			
		19860 7			
		19730 7			
		19791 2			
		19851 1			
		19771 1			
		19830 2			
		19891 1			

1

2

3

4

3 4

15

30

1 SCI (E)

8000

(1)

(2)

(3)

:

(4)

+

2022 12

12 31

1

2

3 2022 2

4

5

1

2

3

4

1

5

6

7

					/	/
1			2019. 09. 01- 2024. 09. 31	774	/1	/1
2			2017. 01. 01- 2020. 12. 31	48	/1	/1
3			2017. 01. 01- 2020. 12. 31	48	/1	/1
4			2017. 01. 01- 2020. 12. 31	48	/1	/1
5			2017. 01. 01- 2019. 12. 31	22	/1	/1
6			2018. 01. 01-	21		/1

			2020. 12. 31		/1	
7			2018. 01. 01- 2020. 12. 31	22	/1	/1
8			2019. 01. 01- 2022. 12. 31	48	/1	/1
9			2019. 01. 01- 2022. 12. 31	55	/1	/1
10			2019. 01. 01- 2022. 12. 31	50	/1	/1
11			2019. 01. 01- 2021. 12. 31	22. 1	/1	/1
12			2021. 01. 01- 2024. 12. 31	48	/1	/1
13			2021. 01. 01- 2024. 12. 31	51	/1	/1

14			2021.01.01- 2023.12.31	24	/1	/1
15			2023.01.01- 2026.12.31	45	/1	/1
16	t-		2023.01.01- 2026.12.31	46	/1	/1
17			2023.01.01- 2026.12.31	45	/1	/1
18	:		2023.01.01- 2026.12.31	45	/1	/1
19			2020.07.01- 2023.06.30	20	/1	/1
20			2021.01.01- 2023.12.31	20	/1	/1
21			2017.07.01-	20	/1	/1

			2020. 06. 30			
22			2019. 07. 01- 2022. 06. 30	20	/1	/1
23			2019. 07. 01- 2021. 06. 30	1.5	/1	/1
24			2020. 07. 01- 2022. 06. 30	3	/1	/1
25			2018. 01. 01- 2018. 12. 31	20	/1	/1
26			2020. 01. 01- 2020. 12. 31	15	/1	/1
27	(2021-2025		2020. 01. 01- 2020. 12. 31	8	/1	/1
28			2017. 01. 01-	5		/1

			2017. 12. 31		/1	
29	PVC		2018. 01. 01- 2018. 12. 31	5	/1	/1
30			2017. 01. 01- 2017. 12. 31	2.5	/1	/1
31			2017. 01. 01- 2017. 12. 31	2.94	/1	/1

					/
1	Strong stability of a type of Jamison weighted sums for end random variables	2017	JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY	5	/1
2	Randomly weighted sums of dependent subexponential random variables with applications to risk theory	2018	SCANDINAVIAN ACTUARIAL JOURNAL	10	/2()
3	Almost sure convergence for weighted sums of WOD random variables and its applications to nonparametric regression models	2018	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	4	/1
4	Weak Gibbs measures: speed of convergence to entropy, topological and geometrical aspects	2018	ERGODIC THEORY AND DYNAMICAL SYSTEMS	3	/2()
5	Variational principle and zero temperature limits of asymptotically (sub)-additive projection pressure	2018	FRONTIERS OF MATHEMATICS CHINA	2	/2()
6	Basket CDS pricing with default intensities using a regime-switching shot-noise model	2018	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	1	/3

7	A reduced-form model with default intensities containing contagion and regime-switching Vasicek processes	2018	FRONTIERS OF MATHEMATICS IN CHINA	0	/2
8	Pricing catastrophe options with counterparty credit risk in a reduced form model	2018	ACTA MATHEMATICA SCIENTIA	0	/2()
9	Complete convergence and complete moment convergence for maximal weighted sums of extended negatively dependent random variables	2018	ACTA MATHEMATICA SINICA-ENGLISH SERIES	0	/1
10	On sequential entropy of fuzzy systems	2018	JOURNAL OF INTELLIGENT AND FUZZY SYSTEMS	0	/1

	Behavior of different numerical schemes for random genetic drift	2019	BIT NUMERICAL MATHEMATICS	3	/5()
	Multi-rhythmicity generated by coupling two cellular rhythms	2019	JOURNAL OF THE ROYAL SOCIETY INTERFACE	13	/1
2	On the mechanism of antibiotic resistance and fecal microbiota transplantation	2019	MATHEMATICAL BIOSCIENCES AND ENGINEERING	0	/4()
3	Robust synchronization of the cell cycle and the circadian clock through bidirectional coupling	2019	JOURNAL OF THE ROYAL SOCIETY INTERFACE	10	/1
4	Uniform asymptotics for the ruin probabilities in a bidimensional renewal risk model with strongly subexponential claims	2019	STOCHASTICS-AN INTERNATIONAL JOURNAL OF PROBABILITY AND STOCHASTIC PROCESSES	9	/1
5	Asymptotic finite-time ruin probabilities in a dependent bidimensional renewal risk model with subexponential claims	2020	JAPAN JOURNAL OF INDUSTRIAL AND APPLIED MATHEMATICS	6	/1
6	Kernel density regression	2020	JOURNAL OF STATISTICAL PLANNING AND INFERENCE	6	/2()

7	Asymptotic ruin probabilities of a two-dimensional renewal risk model with dependent inter-arrival times	2020	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	4	/1
8	Convergence analysis of a numerical scheme for the porous medium equation by an energetic variational approach	2020	NUMERICAL MATHEMATICS THEORY METHODS APPLICATION	3	/4()
9	Bipartite Locating Array	2020	ACTA MATHEMATICA SINICA, ENGLISH SERIES		/3()
10	Elementary renewal theorems for widely dependent random variables with applications to precise large deviations	2020	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	0	/2()
11	Discontinuous Nash equilibrium points for nonzero-sum stochastic differential games	2020	STOCHASTIC PROCESSES AND THEIR APPLICATIONS	0	/1
12	SRB measures for pointwise hyperbolic systems on open regions	2020	SCIENCE CHINA MATHEMATICS	0	/1

13

2020

0 /2()

)

	by empirical likelihood		MULTIVARIATE ANALYSIS		/1
16	Lower bound and construction of mixed-level locating arrays	2021	COMMUNICATIONS IN STATISTICS - THEORY AND METHODS		/3()
17	Uniformity of saturated orthogonal arrays	2022	JOURNAL OF STATISTICAL PLANNING AND INFERENCE		/2()
18	Direct construction of three-level designs with less beta-aberration	2022	COMMUNICATIONS IN STATISTICS - THEORY AND METHODS		/2()
19	New infinite classes of 2-chromatic Steiner quadruple systems	2022	JOURNAL OF COMBINATORIAL DESIGNS	0	/1
20	Large sets of t-designs over finite fields exist for all t	2022	DESIGNS, CODES AND CRYPTOGRAPHY	0	/2()
21	New results on LR-designs and OLKTSs	2022	DISCRETE MATHEMATICS	0	/2()
23	On optimal $(Z_6^m \times Z_6^n, 4, 1)$ and $(Z_2^m \times Z_{18}^n, 4, 1)$ difference packings and their related codes	2022	JOURNAL OF COMBINATORIAL DESIGNS	0	/2()

Combinational constructions

24 of splitting authentication codes 2022

with perfect secrecy

DESIGNS, CODES 0

AND CRYPTOGRAPHY

	massive datasets by empirical likelihood		STATISTICS		/1
32	Model detection and variable selection for mode varying coefficient model	2022	STATISTICAL METHODS & APPLICATIONS		/1
33	High order conditional distance covariance with conditional mutual independence	2022	PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES		/2()
34	A penalized estimation for the Cox model with ordinal multinomial covariates	2022	JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION		/2()
35	The essential coexistence phenomenon in Hamiltonian dynamics	2022	ERGODIC THEORY DYNAM SYSTEMS		/1
36	On Coupling Lemma and Stochastic Properties with Unbounded Observables for 1-d Expanding Maps	2022	JOURNAL OF DYNAMICS AND DIFFERENTIAL EQUATIONS		/1
37	A deep mixed residual method for solving high-order partial differential equations January	2022	JOURNAL OF COMPUTATIONAL PHYSICS		/3()
38	Asymptotic infinite-time ruin probabilities for a bi-dimensional time-dependence risk model with heavy-tailed claims	2022	JAPAN JOURNAL OF INDUSTRIAL AND APPLIED MATHEMATICS		/3()

≥ 12		4	72					
		4	72					
	≥ 4	4	72					
	/	4	72					
	≥ 14	4	72					
		4	72					
		4	72					
		4	72					
		4	72					
4	II	4	72					
		4	72					
		4	72					
		4	72					
		3	54					
		4	72					
	II	4	72					
	II	4	72					
		3	54					
		3	54					
		3	54					
		3	54					
≥ 3		2	/					
	(	1	/					
	)	1	/					
	/	1	/					
	/	1	/					
5								