

Ke-Ang Fu

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

150
citations

1307594

7
h-index

1372567

10
g-index

50
all docs

50
docs citations

50
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong laws of large numbers for arrays of rowwise independent random compact sets and fuzzy random sets. <i>Fuzzy Sets and Systems</i> , 2008, 159, 3360-3368.	2.7	15
2	Asymptotics for the ruin probability of a time-dependent renewal risk model with geometric Lévy process investment returns and dominatedly-varying-tailed claims. <i>Insurance: Mathematics and Economics</i> , 2014, 56, 80-87.	1.2	13
3	Strong limit theorems for random sets and fuzzy random sets with slowly varying weights. <i>Information Sciences</i> , 2008, 178, 2648-2660.	6.9	10
4	An Application of U -Statistics to Nonparametric Functional Data Analysis. <i>Communications in Statistics - Theory and Methods</i> , 2012, 41, 1532-1542.	1.0	10
5	Precise rates in the law of the logarithm for negatively associated random variables. <i>Computers and Mathematics With Applications</i> , 2007, 54, 687-698.	2.7	9
6	Asymptotic ruin probability of a renewal risk model with dependent by-claims and stochastic returns. <i>Journal of Computational and Applied Mathematics</i> , 2016, 306, 154-165.	2.0	9
7	A LIL for independent non-identically distributed random variables in Banach space and its applications. <i>Science in China Series A: Mathematics</i> , 2008, 51, 219-232.	0.5	8
8	Moderate deviations for sums of dependent claims in a size-dependent renewal risk model. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 3235-3243.	1.0	8
9	Genetic clustering of depressed patients and normal controls based on single-nucleotide variant proportion. <i>Journal of Affective Disorders</i> , 2018, 227, 450-454.	4.1	7
10	APPROXIMATION OF THE TAIL PROBABILITIES FOR BIDIMENSIONAL RANDOMLY WEIGHTED SUMS WITH DEPENDENT COMPONENTS. <i>Probability in the Engineering and Informational Sciences</i> , 2020, 34, 112-130.	0.8	6
11	Asymptotics for a time-dependent renewal risk model with subexponential main claims and delayed claims. <i>Statistics and Probability Letters</i> , 2021, 177, 109174.	0.7	6
12	A PARTICULAR BIDIMENSIONAL TIME-DEPENDENT RENEWAL RISK MODEL WITH CONSTANT INTEREST RATES. <i>Probability in the Engineering and Informational Sciences</i> , 2020, 34, 172-182.	0.8	5
13	Uniform Tail Asymptotics for the Sum of Two Correlated Classes with Stochastic Returns and Dependent Heavy Tails. <i>Stochastic Models</i> , 2014, 30, 197-215.	0.5	4
14	Uniform asymptotics for the ruin probabilities of a two-dimensional renewal risk model with dependent claims and risky investments. <i>Statistics and Probability Letters</i> , 2017, 125, 227-235.	0.7	4
15	Asymptotics for the conditional self-weighted M-estimator of GRCA(1) models with possibly heavy-tailed errors. <i>Statistical Papers</i> , 2021, 62, 1407-1419.	1.2	4
16	Moment convergence rates in the law of the logarithm for dependent sequences. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2009, 119, 387-400.	0.1	3
17	Some Limit Theorems for Linear Processes Generated by Symmetrically Exchangeable Random Variables. <i>Stochastic Analysis and Applications</i> , 2009, 28, 1-7.	1.5	3
18	Asymptotic Properties of the R/S -Statistics for Linear Processes. <i>Communications in Statistics - Theory and Methods</i> , 2011, 40, 3207-3217.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Estimates for the ruin probability of a time-dependent renewal risk model with dependent by-claims. Applied Mathematics, 2015, 30, 347-360.	1.0	3
20	RUIN PROBABILITIES FOR A MULTIDIMENSIONAL RISK MODEL WITH NON-STATIONARY ARRIVALS AND SUBEXPONENTIAL CLAIMS. Probability in the Engineering and Informational Sciences, 2022, 36, 799-811.	0.8	3
21	Asymptotics of kernel error density estimators in nonlinear autoregressive models. Journal of Mathematical Chemistry, 2008, 44, 831-838.	1.5	2
22	Precise Large Deviations for Sums of Claim-size Vectors in a Two-dimensional Size-dependent Renewal Risk Model. Acta Mathematicae Applicatae Sinica, 2021, 37, 539-547.	0.7	2
23	A general strong approximation theorem for dependent claim arrivals. Journal of Mathematical Analysis and Applications, 2011, 388, 513-518.	1.0	1
24	Convergence rates of the LIL for random fields in Hilbert spaces. Mathematica Slovaca, 2011, 61, .	0.6	1
25	LIL behavior for B-valued strong mixing random variables. Science China Mathematics, 2011, 54, 785-792.	1.7	1
26	Asymptotic of the L_r -norm of density estimators in the autoregressive time series. Statistics, 2011, 45, 163-178.	0.6	1
27	Exact Moment Convergence Rates of U -Statistics. Communications in Statistics - Theory and Methods, 2011, 40, 1030-1040.	1.0	1
28	A nonclassical LIL for sums of B-valued random variables when extreme terms are excluded. Acta Mathematica Hungarica, 2012, 137, 1-9.	0.5	1
29	Generalized LIL for geometrically weighted random series in Banach spaces. Journal of Mathematical Analysis and Applications, 2012, 388, 513-518.	1.0	1
30	Asymptotics for the residual-based bootstrap approximation in nearly nonstationary AR(1) models with possibly heavy-tailed innovations. Statistics and Probability Letters, 2013, 83, 2553-2562.	0.7	1
31	Limit law of the iterated logarithm for B-valued trimmed sums. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2015, 125, 221-225.	0.1	1
32	Asymptotic properties of the bootstrap unit root test statistic under possibly infinite variance. Communications in Statistics - Theory and Methods, 2016, 45, 3158-3167.	1.0	1
33	Precise large deviations of aggregate claims in a risk model with size dependence and non stationary arrivals. Communications in Statistics - Theory and Methods, 2018, 47, 698-707.	1.0	1
34	Precise large deviations for sums of random vectors in a multidimensional size-dependent renewal risk model. Applied Mathematics, 2018, 33, 491-502.	1.0	1
35	Asymptotic ruin probabilities for a bidimensional risk model with heavy-tailed claims and non-stationary arrivals. Communications in Statistics - Theory and Methods, 2019, 48, 6169-6178.	1.0	1
36	Precise asymptotics in the law of the logarithm for random fields in Hilbert space. Journal of Zhejiang University: Science A, 2007, 8, 651-659.	2.4	0

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37	An almost sure invariance principle for trimmed sums of random vectors. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2010, 120, 611-618.	0.1	0
38	Characterization of LIL Behavior for Non-Degenerate B -Valued U -Statistics. Communications in Statistics - Theory and Methods, 2010, 39, 1258-1269.	1.0	0
39	Copy number detection using self-weighted least square regression. , 2011, , .		0
40	A general LIL for B -valued geometrically weighted series under dependent assumption. Acta Mathematica Hungarica, 2011, 133, 311-323.	0.5	0
41	Invariance Principles for Products of U -Statistics Without Variance. Communications in Statistics - Theory and Methods, 2012, 41, 674-683.	1.0	0
42	Asymptotic properties for the loglog laws under positive association. Mathematica Slovaca, 2012, 62, .	0.6	0
43	Precise asymptotics for complete moment convergence in Hilbert spaces. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2012, 122, 87-97.	0.1	0
44	A note on the strong approximation for long memory processes and its application. Statistics, 2013, 47, 511-520.	0.6	0
45	LIL for the Adjusted Range of Partial Sums in AR(1) Models with Possibly Infinite Variance. Communications in Statistics - Theory and Methods, 2014, 43, 3690-3697.	1.0	0
46	Asymptotics for the distribution function estimators of the errors in semi-parametric regression models. Journal of Systems Science and Complexity, 2014, 27, 360-369.	2.8	0
47	Tail behavior for the sum of two correlated classes of discounted aggregate claims in a time-dependent risk model. Communications in Statistics - Theory and Methods, 2017, 46, 2559-2570.	1.0	0
48	On the validity of the residual-based bootstrap for the unit root test statistic with long memory observations. Communications in Statistics Part B: Simulation and Computation, 0, , 1-11.	1.2	0
49	CQR-based inference for the infinite-variance nearly nonstationary autoregressive models. Lithuanian Mathematical Journal, 2022, 62, 1-9.	0.4	0