

Günter Last

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5015930/publications.pdf>

Version: 2024-02-01

63
papers

1,118
citations

471509

17
h-index

526287

27
g-index

66
all docs

66
docs citations

66
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	A local Steiner-type formula for general closed sets and applications. <i>Mathematische Zeitschrift</i> , 2004, 246, 237-272.	0.9	87
2	Poisson process Fock space representation, chaos expansion and covariance inequalities. <i>Probability Theory and Related Fields</i> , 2011, 150, 663-690.	1.8	66
3	Hedging under Transaction Costs in Currency Markets: a Continuous-Time Model. <i>Mathematical Finance</i> , 2002, 12, 63-70.	1.8	59
4	Normal approximation on Poisson spaces: Mehler's formula, second order Poincaré inequalities and stabilization. <i>Probability Theory and Related Fields</i> , 2016, 165, 667-723.	1.8	53
5	Invariant transports of stationary random measures and mass-stationarity. <i>Annals of Probability</i> , 2009, 37, .	1.8	42
6	Asymptotic and monotonicity properties of some repairable systems. <i>Advances in Applied Probability</i> , 1998, 30, 1089-1110.	0.7	31
7	Descending chains, the lilypond model, and mutual-nearest-neighbour matching. <i>Advances in Applied Probability</i> , 2005, 37, 604-628.	0.7	28
8	Stochastic comparison of repairable systems by coupling. <i>Journal of Applied Probability</i> , 1998, 35, 348-370.	0.7	27
9	Second-order properties and central limit theorems for geometric functionals of Boolean models. <i>Annals of Applied Probability</i> , 2016, 26, .	1.3	26
10	Stochastic Analysis for Poisson Processes. <i>Bocconi and Springer Series</i> , 2016, , 1-36.	0.0	25
11	Some distributional results for Poisson-Voronoi tessellations. <i>Advances in Applied Probability</i> , 2007, 39, 16-40.	0.7	25
12	On the dynamics and performance of stochastic fluid systems. <i>Journal of Applied Probability</i> , 2000, 37, 652-667.	0.7	24
13	Moments and Central Limit Theorems for Some Multivariate Poisson Functionals. <i>Advances in Applied Probability</i> , 2014, 46, 348-364.	0.7	23
14	Characterization of Palm measures via bijective point-shifts. <i>Annals of Probability</i> , 2005, 33, .	1.8	23
15	On the convex hull of symmetric stable processes. <i>Proceedings of the American Mathematical Society</i> , 2012, 140, 2527-2535.	0.8	20
16	Gamma distributions for stationary Poisson flat processes. <i>Advances in Applied Probability</i> , 2009, 41, 911-939.	0.7	20
17	Moments and Central Limit Theorems for Some Multivariate Poisson Functionals. <i>Advances in Applied Probability</i> , 2014, 46, 348-364.	0.7	19
18	On a Class of Lévy Stochastic Networks. <i>Queueing Systems</i> , 2004, 46, 409-437.	0.9	18

#	ARTICLE	IF	CITATIONS
19	On the use of Lyapunov function methods in renewal theory. Stochastic Processes and Their Applications, 1999, 79, 165-178.	0.9	17
20	On the Stability of Greedy Polling Systems with General Service Policies. Probability in the Engineering and Informational Sciences, 1998, 12, 49-68.	0.8	16
21	Descending chains, the lilypond model, and mutual-nearest-neighbour matching. Advances in Applied Probability, 2005, 37, 604-628.	0.7	16
22	Percolation and limit theory for the poisson lilypond model. Random Structures and Algorithms, 2013, 42, 226-249.	1.1	14
23	Does polynomial parallel volume imply convexity?. Mathematische Annalen, 2004, 328, 469-479.	1.4	13
24	Polynomial parallel volume, convexity and contact distributions of random sets. Probability Theory and Related Fields, 2006, 135, 169-200.	1.8	13
25	Gamma distributions for stationary Poisson flat processes. Advances in Applied Probability, 2009, 41, 911-939.	0.7	13
26	Generalized contact distributions of inhomogeneous Boolean models. Advances in Applied Probability, 2002, 34, 21-47.	0.7	13
27	Palm pairs and the general mass-transport principle. Mathematische Zeitschrift, 2011, 267, 695-716.	0.9	12
28	Martingale representation for Poisson processes with applications to minimal variance hedging. Stochastic Processes and Their Applications, 2011, 121, 1588-1606.	0.9	12
29	Unbiased shifts of Brownian motion. Annals of Probability, 2014, 42, .	1.8	12
30	Stationary Random Measures on Homogeneous Spaces. Journal of Theoretical Probability, 2010, 23, 478-497.	0.8	11
31	Existence, uniqueness, and algorithmic computation of general lilypond systems. Random Structures and Algorithms, 2006, 29, 338-350.	1.1	8
32	Perturbation analysis of Poisson processes. Bernoulli, 2014, 20, .	1.3	8
33	Ergodicity properties of stress release, repairable system and workload models. Advances in Applied Probability, 2004, 36, 471-498.	0.7	7
34	On the greedy walk problem. Queueing Systems, 2011, 68, 333-338.	0.9	7
35	Inclusionâ€“Exclusion Principles for Convex Hulls and the Euler Relation. Discrete and Computational Geometry, 2017, 58, 417-434.	0.6	7
36	On the Ornsteinâ€“Zernike equation for stationary cluster processes and the random connection model. Advances in Applied Probability, 2017, 49, 1260-1287.	0.7	7

#	ARTICLE	IF	CITATIONS
37	Decorrelation of a class of Gibbs particle processes and asymptotic properties of $\langle i \rangle_U$ -statistics. Journal of Applied Probability, 2020, 57, 928-955.	0.7	7
38	Point shift characterization of Palm measures on Abelian groups. Electronic Journal of Probability, 2007, 12, .	1.0	7
39	Some remarks on conditional distributions for point processes. Stochastic Processes and Their Applications, 1990, 34, 121-135.	0.9	6
40	On mean curvature functions of Brownian paths. Stochastic Processes and Their Applications, 2006, 116, 1876-1891.	0.9	6
41	Stationary partitions and Palm probabilities. Advances in Applied Probability, 2006, 38, 602-620.	0.7	6
42	What is typical?. Journal of Applied Probability, 2011, 48, 379-389.	0.7	6
43	On dependent marking and thinning of point processes. Stochastic Processes and Their Applications, 1993, 45, 73-94.	0.9	5
44	Hyperuniform and rigid stable matchings. Random Structures and Algorithms, 2020, 57, 439-473.	1.1	5
45	Coupling with compensators. Stochastic Processes and Their Applications, 1996, 65, 147-170.	0.9	4
46	Time and Palm stationarity of repairable systems. Stochastic Processes and Their Applications, 1999, 79, 17-43.	0.9	4
47	What is typical?. Journal of Applied Probability, 2011, 48, 379-389.	0.7	4
48	An Integral Characterization of the Dirichlet Process. Journal of Theoretical Probability, 2020, 33, 918-930.	0.8	4
49	The random connection model and functions of edge-marked Poisson processes: Second order properties and normal approximation. Annals of Applied Probability, 2021, 31, .	1.3	4
50	On a Class of Growth-Maximal Hardcore Processes. Stochastic Models, 2015, 31, 153-185.	0.5	3
51	Cell Shape Analysis of Random Tessellations Based on Minkowski Tensors. Lecture Notes in Mathematics, 2017, , 385-421.	0.2	3
52	On Maximal Hard-Core Thinnings of Stationary Particle Processes. Journal of Statistical Physics, 2018, 170, 554-583.	1.2	3
53	Distance measurements on processes of flats. Advances in Applied Probability, 2003, 35, 70-95.	0.7	3
54	Percolation on stationary tessellations: models, mean values, and second-order structure. Journal of Applied Probability, 2014, 51, 311-332.	0.7	2

#	ARTICLE	IF	CITATIONS
55	Construction and characterization of stationary and mass-stationary random measures on \mathbb{R}^d . <i>Stochastic Processes and Their Applications</i> , 2015, 125, 4473-4488.	0.9	2
56	Absent-Minded Passengers. <i>American Mathematical Monthly</i> , 2019, 126, 867-875.	0.3	2
57	Percolation on stationary tessellations: models, mean values, and second-order structure. <i>Journal of Applied Probability</i> , 2014, 51, 311-332.	0.7	2
58	Comparisons and asymptotics for empty space hazard functions of germ-grain models. <i>Advances in Applied Probability</i> , 2011, 43, 943-962.	0.7	1
59	Statistics for Poisson Models of Overlapping Spheres. <i>Advances in Applied Probability</i> , 2014, 46, 937-962.	0.7	1
60	On negative association of some finite point processes on general state spaces. <i>Journal of Applied Probability</i> , 2019, 56, 139-152.	0.7	1
61	Second Order Analysis of Geometric Functionals of Boolean Models. <i>Lecture Notes in Mathematics</i> , 2017, , 339-383.	0.2	1
62	Filtering of derived point processes. <i>Stochastic Processes and Their Applications</i> , 1994, 49, 297-329.	0.9	0
63	Statistics for Poisson Models of Overlapping Spheres. <i>Advances in Applied Probability</i> , 2014, 46, 937-962.	0.7	0