Ely Merzbach

List of Publications by Year
in descending order

37 papers	357 citations	933447 10 h-index	940533 16 g-index
37 all docs	37 docs citations	37 times ranked	100 citing authors

#	Article	IF	Citations
1	A Characterization of the Spatial Poisson Process and Changing Time. Annals of Probability, 1986, 14, 1380.	1.8	35
2	Fractional Poisson Fields and Martingales. Journal of Statistical Physics, 2018, 170, 700-730.	1.2	28
3	Predictable and dual predictable projections of two-parameter stochastic processes. Zeitschrift FÃ¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1980, 53, 263-269.	0.8	23
4	Limit Theorems for Sums of Random Fuzzy Sets. Journal of Mathematical Analysis and Applications, 2001, 259, 554-565.	1.0	21
5	A Set-indexed Fractional Brownian Motion. Journal of Theoretical Probability, 2006, 19, 337-364.	0.8	21
6	What is a multi-parameter renewal process?. Stochastics, 2006, 78, 411-441.	1.1	15
7	Stopping and set-indexed local martingales. Stochastic Processes and Their Applications, 1995, 57, 83-98.	0.9	14
8	A note on expansion for functionals of spatial marked point processes. Statistics and Probability Letters, 1997, 36, 299-306.	0.7	14
9	Predictability and stopping on lattices of sets. Probability Theory and Related Fields, 1993, 97, 433-446.	1.8	11
10	Random censoring in set-indexed survival analysis. Annals of Applied Probability, 2002, 12, 944.	1.3	11
11	Point processes indexed by directed sets. Stochastic Processes and Their Applications, 1988, 30, 105-119.	0.9	10
12	A Martingale Approach to Point Processes in the Plane. Annals of Probability, 1988, 16, 265.	1.8	10
13	On the extension of bimeasures. Journal D'Analyse Mathematique, 1990, 55, 1-16.	0.8	10
14	A martingale characterization of the set-indexed poisson process. Stochastic and Stochastics Reports, 1994, 51, 69-82.	0.6	10
15	Doob-meyer decomposition for set-indexed submartingales. Journal of Theoretical Probability, 1994, 7, 499-525.	0.8	10
16	Random clouds and an application to censoring in survival analysis. Stochastic Processes and Their Applications, 2004, 111, 259-279.	0.9	10
17	A Compensator Characterization of Point Processes on Topological Lattices. Electronic Journal of Probability, 2007, 12, .	1.0	10
18	Fractional Poisson Fields. Methodology and Computing in Applied Probability, 2015, 17, 155-168.	1.2	9

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19	Different kinds of two-parameter martingales. Israel Journal of Mathematics, 1985, 52, 193-208.	0.8	8
20	A martingale characterization of the set-indexed Brownian motion. Journal of Theoretical Probability, 1996, 9, 903-913.	0.8	7
21	The set-indexed LÃ©vy process: Stationarity, Markov and sample paths properties. Stochastic Processes and Their Applications, 2013, 123, 1638-1670.	0.9	7
22	The Multiparameter Fractional Brownian Motion. , 2007, , 93-101.		7
23	Lattices of random sets and progressivity. Statistics and Probability Letters, 1995, 22, 97-102.	0.7	6
24	Stationarity and Self-Similarity Characterization ofÂtheÂSet-Indexed Fractional Brownian Motion. Journal of Theoretical Probability, 2009, 22, 1010-1029.	0.8	6
25	Bimeasures and measures induced by planar Stochastic integrators. Journal of Multivariate Analysis, 1986, 19, 67-87.	1.0	5
26	Intensity-based inference for planar point processes. Journal of Multivariate Analysis, 1990, 32, 269-281.	1.0	5
27	Stochastic integration for set-indexed processes. Israel Journal of Mathematics, 2000, 118, 157-181.	0.8	5
28	Central limit theorems for the ergodic adding machine. Israel Journal of Mathematics, 2003, 134, 61-92.	0.8	5
29	Optimal detection of a change-set in a spatial Poisson process. Annals of Applied Probability, 2010, 20, .	1.3	5
30	A characterization of the set-indexed fractional Brownian motion by increasing paths. Comptes Rendus Mathematique, 2006, 343, 767-772.	0.3	4
31	Set-indexed Brownian Motion on Increasing Paths. Journal of Theoretical Probability, 2009, 22, 883-890.	0.8	4
32	Poisson convergence for set-indexed empirical processes. Statistics and Probability Letters, 1997, 32, 81-86.	0.7	3
33	Stopping a two parameter weak martingale. Probability Theory and Related Fields, 1987, 76, 499-507.	1.8	2
34	Worthy martingales and integrators. Statistics and Probability Letters, 1993, 16, 391-395.	0.7	2
35	The set-indexed bandit problem. Stochastic Processes and Their Applications, 2002, 101, 127-142.	0.9	2
36	Characterizations of multiparameter Cox and Poisson processes by the renewal property. Statistics and Probability Letters, 2008, 78, 637-642.	0.7	2

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37	Using Lotteries in Logic of <i>Halakhah</i> Law. The Meaning of Randomness in Judaism. Studia Humana, 2017, 6, 107-115.	0.2	0