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	Fractional Poisson Fields and Martingales. Journal of Statistical Physics, 2018, 170, 700-730.	1.2	28
2	Using Lotteries in Logic of <i>Halakhah</i> Law. The Meaning of Randomness in Judaism. Studia Humana, 2017, 6, 107-115.	0.2	0
3	Fractional Poisson Fields. Methodology and Computing in Applied Probability, 2015, 17, 155-168.	1.2	9
4	The set-indexed LÃ©vy process: Stationarity, Markov and sample paths properties. Stochastic Processes and Their Applications, 2013, 123, 1638-1670.	0.9	7
5	Optimal detection of a change-set in a spatial Poisson process. Annals of Applied Probability, 2010, 20, .	1.3	5
6	Stationarity and Self-Similarity Characterization ofÂtheÂSet-Indexed Fractional Brownian Motion. Journal of Theoretical Probability, 2009, 22, 1010-1029.	0.8	6
7	Set-indexed Brownian Motion on Increasing Paths. Journal of Theoretical Probability, 2009, 22, 883-890.	0.8	4
8	Characterizations of multiparameter Cox and Poisson processes by the renewal property. Statistics and Probability Letters, 2008, 78, 637-642.	0.7	2
9	The Multiparameter Fractional Brownian Motion. , 2007, , 93-101.		7
10	A Compensator Characterization of Point Processes on Topological Lattices. Electronic Journal of Probability, 2007, 12, .	1.0	10
11	A characterization of the set-indexed fractional Brownian motion by increasing paths. Comptes Rendus Mathematique, 2006, 343, 767-772.	0.3	4
12	A Set-indexed Fractional Brownian Motion. Journal of Theoretical Probability, 2006, 19, 337-364.	0.8	21
13	What is a multi-parameter renewal process?. Stochastics, 2006, 78, 411-441.	1.1	15
14	Random clouds and an application to censoring in survival analysis. Stochastic Processes and Their Applications, 2004, 111, 259-279.	0.9	10
15	Central limit theorems for the ergodic adding machine. Israel Journal of Mathematics, 2003, 134, 61-92.	0.8	5
16	Random censoring in set-indexed survival analysis. Annals of Applied Probability, 2002, 12, 944.	1.3	11
17	The set-indexed bandit problem. Stochastic Processes and Their Applications, 2002, 101, 127-142.	0.9	2
18	Limit Theorems for Sums of Random Fuzzy Sets. Journal of Mathematical Analysis and Applications, 2001, 259, 554-565.	1.0	21

#	ARTICLE	IF	CITATIONS
19	Stochastic integration for set-indexed processes. Israel Journal of Mathematics, 2000, 118, 157-181.	0.8	5
20	Poisson convergence for set-indexed empirical processes. Statistics and Probability Letters, 1997, 32, 81-86.	0.7	3
21	A note on expansion for functionals of spatial marked point processes. Statistics and Probability Letters, 1997, 36, 299-306.	0.7	14
22	A martingale characterization of the set-indexed Brownian motion. Journal of Theoretical Probability, 1996, 9, 903-913.	0.8	7
23	Lattices of random sets and progressivity. Statistics and Probability Letters, 1995, 22, 97-102.	0.7	6
24	Stopping and set-indexed local martingales. Stochastic Processes and Their Applications, 1995, 57, 83-98.	0.9	14
25	A martingale characterization of the set-indexed poisson process. Stochastic and Stochastics Reports, 1994, 51, 69-82.	0.6	10
26	Doob-meyer decomposition for set-indexed submartingales. Journal of Theoretical Probability, 1994, 7, 499-525.	0.8	10
27	Worthy martingales and integrators. Statistics and Probability Letters, 1993, 16, 391-395.	0.7	2
28	Predictability and stopping on lattices of sets. Probability Theory and Related Fields, 1993, 97, 433-446.	1.8	11
29	On the extension of bimeasures. Journal D'Analyse Mathematique, 1990, 55, 1-16.	0.8	10
30	Intensity-based inference for planar point processes. Journal of Multivariate Analysis, 1990, 32, 269-281.	1.0	5
31	Point processes indexed by directed sets. Stochastic Processes and Their Applications, 1988, 30, 105-119.	0.9	10
32	A Martingale Approach to Point Processes in the Plane. Annals of Probability, 1988, 16, 265.	1.8	10
33	Stopping a two parameter weak martingale. Probability Theory and Related Fields, 1987, 76, 499-507.	1.8	2
34	A Characterization of the Spatial Poisson Process and Changing Time. Annals of Probability, 1986, 14, 1380.	1.8	35
35	Bimeasures and measures induced by planar Stochastic integrators. Journal of Multivariate Analysis, 1986, 19, 67-87.	1.0	5
36	Different kinds of two-parameter martingales. Israel Journal of Mathematics, 1985, 52, 193-208.	0.8	8

#	Article	IF	Citations
37	Predictable and dual predictable projections of two-parameter stochastic processes. Zeitschrift FÃ¼r Wahrscheinlichkeitstheorie Und Verwandte Gebiete, 1980, 53, 263-269.	0.8	23