

# Ofer Zeitouni

## List of Publications by Year in descending order

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191  
papers

7,395  
citations

117625

34  
h-index

128289

60  
g-index

202  
all docs

202  
docs citations

202  
times ranked

2607  
citing authors

#	ARTICLE	IF	CITATIONS
1	A spectral condition for spectral gap: fast mixing in high-temperature Ising models. Probability Theory and Related Fields, 2022, 182, 1035-1051.	1.8	8
2	Lower Bounds on the Generalization Error of Nonlinear Learning Models. IEEE Transactions on Information Theory, 2022, , 1-1.	2.4	1
3	Self-normalized Moderate Deviations for Random Walk in Random Scenery. Journal of Theoretical Probability, 2021, 34, 103-124.	0.8	2
4	Directed Polymers on Infinite Graphs. Communications in Mathematical Physics, 2021, 386, 395-432.	2.2	1
5	Limit law for the cover time of a random walk on a binary tree. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2021, 57, .	1.1	1
6	Deterministic equivalence for noisy perturbations. Proceedings of the American Mathematical Society, 2021, 149, 3905-3911.	0.8	3
7	Persistence exponents in Markov chains. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2021, 57, .	1.1	3
8	The Random Heat Equation in Dimensions Three and Higher: The Homogenization Viewpoint. Archive for Rational Mechanics and Analysis, 2021, 242, 827-873.	2.4	7
9	The minimum modulus of Gaussian trigonometric polynomials. Israel Journal of Mathematics, 2021, 245, 543-566.	0.8	2
10	Universality for Langevin-like spin glass dynamics. Annals of Applied Probability, 2021, 31, .	1.3	2
11	Concentration of the complexity of spherical pure $\langle i \rangle p \langle i \rangle$ -spin models at arbitrary energies. Journal of Mathematical Physics, 2021, 62, .	1.1	5
12	Tightness for the cover time of the two dimensional sphere. Probability Theory and Related Fields, 2020, 176, 1357-1437.	1.8	7
13	Fluctuations of the solutions to the KPZ equation in dimensions three and higher. Probability Theory and Related Fields, 2020, 176, 1217-1258.	1.8	22
14	Exponential Concentration for Zeroes of Stationary Gaussian Processes. International Mathematics Research Notices, 2020, 2020, 9769-9796.	1.0	8
15	Geometry and Temperature Chaos in Mixed Spherical Spin Glasses at Low Temperature: The Perturbative Regime. Communications on Pure and Applied Mathematics, 2020, 73, 1732-1828.	3.1	32
16	Outliers of random perturbations of Toeplitz matrices with finite symbols. Probability Theory and Related Fields, 2020, 178, 771-826.	1.8	5
17	Maximum of the Characteristic Polynomial for a Random Permutation Matrix. Communications on Pure and Applied Mathematics, 2020, 73, 1660-1731.	3.1	5
18	Homogenization of a class of one-dimensional nonconvex viscous Hamilton-Jacobi equations with random potential. Communications in Partial Differential Equations, 2020, 45, 32-56.	2.2	3

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19	Spectrum of random perturbations of Toeplitz matrices with finite symbols. Transactions of the American Mathematical Society, 2020, 373, 4999-5023.	0.9	9
20	Barrier estimates for a critical Galton-Watson process and the cover time of the binary tree. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2019, 55, .	1.1	9
21	REGULARIZATION OF NON-NORMAL MATRICES BY GAUSSIAN NOISE-THE BANDED TOEPLITZ AND TWISTED TOEPLITZ CASES. Forum of Mathematics, Sigma, 2019, 7, .	0.7	9
22	Nonconvex homogenization for one-dimensional controlled random walks in random potential. Annals of Applied Probability, 2019, 29, .	1.3	5
23	A Conversation with S. R. S. Varadhan. Statistical Science, 2018, 33, .	2.8	0
24	The Curie-Weiss model with Complex Temperature: Phase Transitions. Journal of Statistical Physics, 2018, 172, 569-591.	1.2	5
25	The Maximum of the CUE Field. International Mathematics Research Notices, 2018, 2018, 5028-5119.	1.0	46
26	Circular law for the sum of random permutation matrices. Electronic Journal of Probability, 2018, 23, .	1.0	16
27	On the Liouville heat kernel for $k$ -coarse MBRW. Electronic Journal of Probability, 2018, 23, .	1.0	3
28	Large deviations and the Lukic conjecture. Duke Mathematical Journal, 2018, 167, .	1.5	8
29	Large deviations and sum rules for spectral theory: a pedagogical approach. Journal of Spectral Theory, 2018, 8, 1551-1581.	0.8	5
30	The Edwards-Wilkinson Limit of the Random Heat Equation in Dimensions Three and Higher. Communications in Mathematical Physics, 2018, 363, 351-388.	2.2	32
31	Thresholds for detecting an anomalous path from noisy environments. Annals of Applied Probability, 2018, 28, .	1.3	1
32	Eigenvectors of non normal random matrices. Electronic Communications in Probability, 2018, 23, .	0.4	5
33	On the Limitation of Spectral Methods: From the Gaussian Hidden Clique Problem to Rank One Perturbations of Gaussian Tensors. IEEE Transactions on Information Theory, 2017, 63, 1572-1579.	2.4	16
34	The extremal process of critical points of the pure $p$ -spin spherical spin glass model. Probability Theory and Related Fields, 2017, 168, 773-820.	1.8	28
35	Large Deviations for the Two-Dimensional Two-Component Plasma. Communications in Mathematical Physics, 2017, 350, 301-360.	2.2	17
36	Extremal eigenvalue correlations in the GUE minor process and a law of fractional logarithm. Annals of Probability, 2017, 45, .	1.8	8

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37	Universal large deviations for Kac polynomials. Electronic Communications in Probability, 2017, 22, .	0.4	4
38	Convergence of the centered maximum of log-correlated Gaussian fields. Annals of Probability, 2017, 45, .	1.8	42
39	Weak and strong disorder for the stochastic heat equation and continuous directed polymers in $d \geq 3$ . Electronic Communications in Probability, 2016, 21, .	0.4	25
40	Slowdown in branching Brownian motion with inhomogeneous variance. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2016, 52, .	1.1	24
41	Local asymptotics for controlled martingales. Annals of Applied Probability, 2016, 26, .	1.3	2
42	Convergence in law of the maximum of nonlattice branching random walk. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2016, 52, .	1.1	21
43	Large Deviations for Diffusions Interacting Through Their Ranks. Communications on Pure and Applied Mathematics, 2016, 69, 1259-1313.	3.1	19
44	Hafnians, perfect matchings and Gaussian matrices. Annals of Probability, 2016, 44, .	1.8	19
45	Convergence in Law of the Maximum of the Two-Dimensional Discrete Gaussian Free Field. Communications on Pure and Applied Mathematics, 2016, 69, 62-123.	3.1	68
46	Double roots of random littlewood polynomials. Israel Journal of Mathematics, 2016, 213, 55-77.	0.8	5
47	Singular values of Gaussian matrices and permanent estimators. Random Structures and Algorithms, 2016, 48, 183-212.	1.1	12
48	Large Deviations for Zeros of Random Polynomials with i.i.d. Exponential Coefficients. International Mathematics Research Notices, 2016, 2016, 1308-1347.	1.0	6
49	Filtering theory: Mathematics in engineering, from Gauss to particle filters. , 2016, , 71-80.		0
50	Regularization of Non-Normal Matrices by Gaussian Noise. International Mathematics Research Notices, 2015, 2015, 8724-8751.	1.0	9
51	Matrix Optimization Under Random External Fields. Journal of Statistical Physics, 2015, 159, 1306-1326.	1.2	10
52	Freezing and Decorated Poisson Point Processes. Communications in Mathematical Physics, 2015, 337, 55-92.	2.2	31
53	Remarks on a Constrained Optimization Problem for the Ginibre Ensemble. Potential Analysis, 2014, 41, 945-958.	0.9	15
54	Localization for controlled random walks and martingales. Electronic Communications in Probability, 2014, 19, .	0.4	3

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55	Extreme values for two-dimensional discrete Gaussian free field. <i>Annals of Probability</i> , 2014, 42, .	1.8	31
56	Performance of the Metropolis algorithm on a disordered tree: The Einstein relation. <i>Annals of Applied Probability</i> , 2014, 24, .	1.3	1
57	On Common Roots of Random Bernoulli Polynomials. <i>International Mathematics Research Notices</i> , 2013, 2013, 4334-4347.	1.0	4
58	Fluctuations of maxima of discrete Gaussian free fields on a class of recurrent graphs. <i>Electronic Communications in Probability</i> , 2013, 18, .	0.4	1
59	Einstein relation for biased random walk on Galton-Watson trees. <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 2013, 49, .	1.1	16
60	Convergence of the spectral measure of non-normal matrices. <i>Proceedings of the American Mathematical Society</i> , 2013, 142, 667-679.	0.8	17
61	TENSOR PRODUCTS OF RANDOM UNITARY MATRICES. <i>Random Matrices: Theory and Application</i> , 2012, 01, 1250009.	1.1	12
62	Branching random walks in time inhomogeneous environments. <i>Electronic Journal of Probability</i> , 2012, 17, .	1.0	21
63	Support convergence in the single ring theorem. <i>Probability Theory and Related Fields</i> , 2012, 154, 661-675.	1.8	18
64	Slowdown for Time Inhomogeneous Branching Brownian Motion. <i>Journal of Statistical Physics</i> , 2012, 149, 1-9.	1.2	32
65	Random Walks in Random Environment. , 2012, , 2564-2577.		5
66	A sharp estimate for cover times on binary trees. <i>Stochastic Processes and Their Applications</i> , 2012, 122, 2117-2133.	0.9	13
67	Tightness of the recentered maximum of the two-dimensional discrete Gaussian free field. <i>Communications on Pure and Applied Mathematics</i> , 2012, 65, 1-20.	3.1	72
68	Quenched invariance principle for random walks in balanced random environment. <i>Probability Theory and Related Fields</i> , 2012, 152, 207-230.	1.8	30
69	Tightness of Fluctuations of First Passage Percolation on Some Large Graphs. <i>Lecture Notes in Mathematics</i> , 2012, , 127-132.	0.2	1
70	Mixing times for random k-cycles and coalescence-fragmentation chains. <i>Annals of Probability</i> , 2011, 39, .	1.8	17
71	The single ring theorem. <i>Annals of Mathematics</i> , 2011, 174, 1189-1217.	4.2	113
72	Recursions and tightness for the maximum of the discrete, two dimensional Gaussian Free Field. <i>Electronic Communications in Probability</i> , 2011, 16, .	0.4	28

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73	Hard edge tail asymptotics. <i>Electronic Communications in Probability</i> , 2011, 16, .	0.4	12
74	Differing Averaged and Quenched Large Deviations for Random Walks in Random Environments in Dimensions Two and Three. <i>Communications in Mathematical Physics</i> , 2010, 300, 243-271.	2.2	25
75	On Information Rates of the Fading Wyner Cellular Model via the Thouless Formula for the Strip. <i>IEEE Transactions on Information Theory</i> , 2010, 56, 5495-5514.	2.4	9
76	Large Deviations of Empirical Measures of Zeros of Random Polynomials. <i>International Mathematics Research Notices</i> , 2010, , .	1.0	9
77	Large Deviations Techniques and Applications. <i>Applications of Mathematics</i> , 2010, , .	0.6	510
78	Consistent Minimal Displacement of Branching Random Walks. <i>Electronic Communications in Probability</i> , 2010, 15, .	0.4	11
79	On Certain Large Random Hermitian Jacobi Matrices With Applications to Wireless Communications. <i>IEEE Transactions on Information Theory</i> , 2009, 55, 1534-1554.	2.4	10
80	Random Walks in Random Environments in the Perturbative Regime. , 2009, , 823-826.		0
81	Central limit theorem and large deviations of the fading Wyner cellular model via product of random matrices theory. <i>Problems of Information Transmission</i> , 2009, 45, 5-22.	0.5	10
82	Quenched limits for transient, zero speed one-dimensional random walk in random environment. <i>Annals of Probability</i> , 2009, 37, .	1.8	14
83	Tightness for a family of recursion equations. <i>Annals of Probability</i> , 2009, 37, .	1.8	43
84	A law of large numbers for finite-range dependent random matrices. <i>Communications on Pure and Applied Mathematics</i> , 2008, 61, 1118-1154.	3.1	31
85	On information rates of the fading Wyner cellular model via the Thouless formula for the strip. , 2008, , .		4
86	On certain large random Hermitian Jacobi matrices with applications to wireless communications. , 2008, , .		3
87	A CLT for regularized sample covariance matrices. <i>Annals of Statistics</i> , 2008, 36, .	2.6	9
88	Searching for a trail of evidence in a maze. <i>Annals of Statistics</i> , 2008, 36, .	2.6	58
89	A Quenched Invariance Principle for Certain Ballistic Random Walks in i.i.d. Environments. <i>Progress in Probability</i> , 2008, , 137-160.	0.3	18
90	Tightness for the minimal displacement of branching random walk. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P07010-P07010.	2.3	5

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91	A Quenched CLT for Super-Brownian Motion with Random Immigration. Journal of Theoretical Probability, 2007, 20, 807-820.	0.8	5
92	Multiscale analysis of exit distributions for random walks in random environments. Probability Theory and Related Fields, 2007, 138, 581-645.	1.8	20
93	A central limit theorem for biased random walks on Galton-Watson trees. Probability Theory and Related Fields, 2007, 140, 595-629.	1.8	33
94	Maximal Arithmetic Progressions in Random Subsets. Electronic Communications in Probability, 2007, 12, .	0.4	3
95	Shortest spanning trees and a counterexample for random walks in random environments. Annals of Probability, 2006, 34, 821.	1.8	13
96	A CLT for a band matrix model. Probability Theory and Related Fields, 2006, 134, 283-338.	1.8	134
97	An invariance principle for isotropic diffusions in random environment. Inventiones Mathematicae, 2006, 164, 455-567.	2.5	34
98	Random walks in random environments. Journal of Physics A, 2006, 39, R433-R464.	1.6	57
99	Late points for random walks in two dimensions. Annals of Probability, 2006, 34, .	1.8	42
100	Curve Shortening and Interacting Particle Systems. Modeling and Simulation in Science, Engineering and Technology, 2006, , 303-311.	0.6	2
101	On a Stochastic Model of Geometric Snakes. , 2006, , 161-174.		0
102	Gaussian fluctuations for random walks in random mixing environments. Israel Journal of Mathematics, 2005, 148, 87-113.	0.8	13
103	The Poisson-Dirichlet law is the unique invariant distribution for uniform split-merge transformations. Annals of Probability, 2004, 32, 915.	1.8	26
104	Large deviations for random walk in random environment with holding times. Annals of Probability, 2004, 32, 996.	1.8	13
105	Concentration of permanent estimators for certain large matrices. Annals of Applied Probability, 2004, 14, 1559.	1.3	12
106	Addendum to: large deviations asymptotics for spherical integrals. Journal of Functional Analysis, 2004, 216, 230-241.	1.4	12
107	Limit theorems for one-dimensional transient random walks in Markov environments*1. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2004, 40, 635-659.	1.1	22
108	On the diffusive behavior of isotropic diffusions in a random environment. Comptes Rendus Mathematique, 2004, 339, 429-434.	0.3	7

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109	Quenched Large Deviations for One Dimensional Nonlinear Filtering. SIAM Journal on Control and Optimization, 2004, 43, 1272-1297.	2.1	4
110	Part II: Random Walks in Random Environment. Lecture Notes in Mathematics, 2004, , 189-312.	0.2	184
111	Cover times for Brownian motion and random walks in two dimensions. Annals of Mathematics, 2004, 160, 433-464.	4.2	119
112	A law of large numbers for random walks in random mixing environments. Annals of Probability, 2004, 32, .	1.8	38
113	Stochastic approximations to curve-shortening flows via particle systems. Journal of Differential Equations, 2003, 195, 119-142.	2.2	8
114	Points de coupure et marches aléatoires diffusives en milieu aléatoire. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2003, 39, 527-555.	1.1	34
115	Moderate deviations for the spectral measure of certain random matrices. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2003, 39, 1013-1042.	1.1	10
116	Crystalline Stochastic Systems and Curvature Driven Flows. The IMA Volumes in Mathematics and Its Applications, 2003, , 41-61.	0.5	0
117	Random polynomials having few or no real zeros. Journal of the American Mathematical Society, 2002, 15, 857-892.	3.9	42
118	Thick points for intersections of planar sample paths. Transactions of the American Mathematical Society, 2002, 354, 4969-5003.	0.9	8
119	Large Deviations Asymptotics for Spherical Integrals. Journal of Functional Analysis, 2002, 188, 461-515.	1.4	83
120	Large deviations for random walks on Galton-Watson trees: averaging and uncertainty. Probability Theory and Related Fields, 2002, 122, 241-288.	1.8	29
121	Asymptotics of Certain Coagulation-Fragmentation Processes and Invariant Poisson-Dirichlet Measures. Electronic Journal of Probability, 2002, 7, .	1.0	10
122	Thick points for planar Brownian motion and the Erdős-Taylor conjecture on random walk. Acta Mathematica, 2001, 186, 239-270.	3.9	73
123	Concentration of the Spectral Measure for Large Matrices. Electronic Communications in Probability, 2000, 5, 119.	0.4	158
124	Thin points for Brownian motion. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2000, 36, 749-774.	1.1	17
125	Linear multiuser receivers in random environments. IEEE Transactions on Information Theory, 2000, 46, 171-188.	2.4	123
126	Thick points for spatial Brownian motion: multifractal analysis of occupation measure. Annals of Probability, 2000, 28, 1.	1.8	45



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127	Quenched, annealed and functional large deviations for one-dimensional random walk in random environment. <i>Probability Theory and Related Fields</i> , 2000, 118, 65-114.	1.8	86
128	Absence of a wetting transition for a pinned harmonic crystal in dimensions three and larger. <i>Journal of Mathematical Physics</i> , 2000, 41, 1211-1223.	1.1	25
129	Map Estimation of Diffusions - An Updated Account. <i>Kluwer International Series in Engineering and Computer Science</i> , 2000, , 145-154.	0.2	1
130	The quasi-stationary distribution for small random perturbations of certain one-dimensional maps. <i>Stochastic Processes and Their Applications</i> , 1999, 84, 25-51.	0.9	14
131	Precise large deviation estimates for a one-dimensional random walk in a random environment. <i>Probability Theory and Related Fields</i> , 1999, 113, 191-219.	1.8	28
132	On Increasing Subsequences of I.I.D. Samples. <i>Combinatorics Probability and Computing</i> , 1999, 8, 247-263.	1.3	48
133	Robustness of Zakai's Equation via Feynman-Kac Representations. , 1999, , 339-352.		6
134	Conditional Exponential Moments for Iterated Wiener Integrals. <i>Annals of Probability</i> , 1999, 27, .	1.8	7
135	Thick Points for Transient Symmetric Stable Processes. <i>Electronic Journal of Probability</i> , 1999, 4, .	1.0	10
136	Large and moderate deviations for the local time of a recurrent Markov chain on $\mathbb{Z}$ . <i>Annales De L'institut Henri Poincare (B) Probability and Statistics</i> , 1998, 34, 687-704.	1.1	12
137	Quenched Sub-Exponential Tail Estimates for One-Dimensional Random Walk in Random Environment. <i>Communications in Mathematical Physics</i> , 1998, 194, 177-190.	2.2	41
138	A note on the memory length of optimal nonlinear filters. <i>Systems and Control Letters</i> , 1998, 35, 131-135.	2.3	0
139	Large Deviations Techniques and Applications. , 1998, , .		2,148
140	Large deviations from the circular law. <i>ESAIM - Probability and Statistics</i> , 1998, 2, 123-134.	0.5	59
141	On the quasi-stationary distribution for some randomly perturbed transformations of an interval. <i>Annals of Applied Probability</i> , 1998, 8, .	1.3	8
142	On roots of random polynomials. <i>Transactions of the American Mathematical Society</i> , 1997, 349, 2427-2441.	0.9	60
143	Lyapunov Exponents for Finite State Nonlinear Filtering. <i>SIAM Journal on Control and Optimization</i> , 1997, 35, 36-55.	2.1	48
144	Transportation Approach to Some Concentration Inequalities in Product Spaces. <i>Electronic Communications in Probability</i> , 1996, 1, 83.	0.4	41

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145	Tail estimates for one-dimensional random walk in random environment. Communications in Mathematical Physics, 1996, 181, 667-683.	2.2	60
146	A nonstandard form of the rate function for the occupation measure of a Markov chain. Stochastic Processes and Their Applications, 1996, 61, 249-261.	0.9	8
147	Asymptotic filtering for finite state Markov chains. Stochastic Processes and Their Applications, 1996, 63, 1-10.	0.9	30
148	Large deviations for subsampling from individual sequences. Statistics and Probability Letters, 1996, 27, 201-205.	0.7	5
149	Entropic repulsion of the lattice free field. Communications in Mathematical Physics, 1995, 170, 417-443.	2.2	61
150	Exact behavior of Gaussian seminorms. Statistics and Probability Letters, 1995, 23, 275-280.	0.7	15
151	A General Classification Rule for Probability Measures. Annals of Statistics, 1995, 23, 1393.	2.6	19
152	Exponential rates for error probabilities in DMPSK systems. IEEE Transactions on Communications, 1995, 43, 915-921.	7.8	1
153	Limiting Curves for I.I.D. Records. Annals of Probability, 1995, 23, .	1.8	52
154	Rate of Convergence of Empirical Measures and Costs in Controlled Markov Chains and Transient Optimality. Mathematics of Operations Research, 1994, 19, 955-974.	1.3	9
155	Recursive identification in continuous-time stochastic processes. Stochastic Processes and Their Applications, 1994, 49, 245-275.	0.9	22
156	A metric entropy bound is not sufficient for learnability. IEEE Transactions on Information Theory, 1994, 40, 883-885.	2.4	9
157	Large Exceedances for Multidimensional Levy Processes. Annals of Applied Probability, 1994, 4, 432.	1.3	7
158	The Exit Problem for a Class of Density-Dependent Branching Systems. Annals of Applied Probability, 1994, 4, .	1.3	20
159	Onsager Machlup functionals for non trace class SPDE's. Probability Theory and Related Fields, 1993, 95, 199-216.	1.8	14
160	PAC learning with generalized samples and an applicaiton to stochastic geometry. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1993, 15, 933-942.	13.9	10
161	On probably correct classification of concepts. , 1993, , .		4
162	The Probability of Small Gaussian Ellipsoids and Associated Conditional Moments. Annals of Probability, 1993, 21, 14.	1.8	23

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163	On the Optimal Tracking Problem. SIAM Journal on Control and Optimization, 1992, 30, 426-439.	2.1	6
164	A Note on Conditional Exponential Moments and Onsager-Machlup Functionals. Annals of Probability, 1992, 20, 652.	1.8	33
165	Some results on the problem of exit from a domain. Stochastic Processes and Their Applications, 1992, 41, 241-256.	0.9	12
166	Parameter estimation of partially observed continuous time stochastic processes via the EM algorithm. Stochastic Processes and Their Applications, 1992, 40, 359-361.	0.9	28
167	When is the generalized likelihood ratio test optimal?. IEEE Transactions on Information Theory, 1992, 38, 1597-1602.	2.4	121
168	On tests for normality. IEEE Transactions on Information Theory, 1992, 38, 1779-1787.	2.4	13
169	Onsager-Machlup functionals and maximum a posteriori estimation for a class of non-gaussian random fields. Journal of Multivariate Analysis, 1991, 36, 243-262.	1.0	10
170	Can one decide the type of the mean from the empirical measure?. Statistics and Probability Letters, 1991, 12, 323-327.	0.7	9
171	On universal hypotheses testing via large deviations. IEEE Transactions on Information Theory, 1991, 37, 285-290.	2.4	50
172	Infinite Dimensionality Results for MAP Estimation. , 1991, , 513-532.		0
173	A change of variables formula for stratonovich integrals and existence of solutions for two-point stochastic boundary value problems. Probability Theory and Related Fields, 1990, 84, 411-425.	1.8	12
174	Maximum a posteriori estimation of elliptic Gaussian fields observed via a noisy nonlinear channel. Journal of Multivariate Analysis, 1990, 35, 151-167.	1.0	2
175	Parameter estimation of partially observed continuous time stochastic processes via the em algorithm. Stochastic Processes and Their Applications, 1989, 31, 167-169.	0.9	7
176	A class of adaptive control problems solved via stochastic control. Systems and Control Letters, 1989, 12, 57-62.	2.3	0
177	On the Onsager-Machlup Functional of Diffusion Processes Around Non $C^2$ Curves. Annals of Probability, 1989, 17, 1037.	1.8	40
178	Error bounds for the nonlinear filtering of signals with small diffusion coefficients. IEEE Transactions on Information Theory, 1988, 34, 710-721.	2.4	8
179	Exact filters for the estimation of the number of transitions of finite-state continuous-time Markov processes. IEEE Transactions on Information Theory, 1988, 34, 890-893.	2.4	35
180	Approximate and limit results for nonlinear filters with small observation noise: the linear sensor and constant diffusion coefficient case. IEEE Transactions on Automatic Control, 1988, 33, 595-599.	5.7	11

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181	On the maximal achievable accuracy in nonlinear filtering problems. IEEE Transactions on Automatic Control, 1988, 33, 965-967.	5.7	7
182	Maximum a posteriori estimation of time-varying ARMA processes from noisy observations. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1988, 36, 471-476.	2.0	20
183	General potential surfaces and neural networks. Physical Review A, 1988, 37, 2134-2143.	2.5	13
184	On the filtering of noise-contaminated signals observed via hard limiters. IEEE Transactions on Information Theory, 1988, 34, 1041-1048.	2.4	6
185	On the parameters estimation of continuous-time ARMA processes from noisy observations. IEEE Transactions on Automatic Control, 1987, 32, 361-364.	5.7	10
186	On the joint nonlinear filtering-smoothing of diffusion processes. Systems and Control Letters, 1986, 7, 317-321.	2.3	8
187	On some finite dimensional nonlinear filters for certain diffusions observed in correlated noise. Systems and Control Letters, 1986, 7, 61-63.	2.3	2
188	Parameter estimation of partially observed continuous time stochastic processes via the EM algorithm. Stochastic Processes and Their Applications, 1986, 23, 91-113.	0.9	103
189	An extension of the BeneÅ filter and some identification problems solved by nonlinear filtering methods. Systems and Control Letters, 1984, 5, 9-17.	2.3	7
190	On the tightness of some error bounds for the nonlinear filtering problem. IEEE Transactions on Automatic Control, 1984, 29, 854-857.	5.7	9
191	On the non-existence of stationary diffusions which satisfy the BeneÅ condition. Systems and Control Letters, 1983, 3, 329-330.	2.3	2