

Sam Efromovich

List of Publications by Year in descending order

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64
papers

638
citations

567281

15
h-index

642732

23
g-index

65
all docs

65
docs citations

65
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Density Estimation for the Case of Supersmooth Measurement Error. Journal of the American Statistical Association, 1997, 92, 526-535.	3.1	72
2	Orthogonal series density estimation. Wiley Interdisciplinary Reviews: Computational Statistics, 2010, 2, 467-476.	3.9	39
3	Density estimation for biased data. Annals of Statistics, 2004, 32, 1137.	2.6	38
4	Estimation of the density of regression errors. Annals of Statistics, 2005, 33, 2194.	2.6	37
5	Conditional density estimation in a regression setting. Annals of Statistics, 2007, 35, .	2.6	32
6	On nonparametric regression for IID observations in a general setting. Annals of Statistics, 1996, 24, .	2.6	26
7	Nonparametric Regression With Predictors Missing at Random. Journal of the American Statistical Association, 2011, 106, 306-319.	3.1	24
8	Density Estimation Under Random Censorship and Order Restrictions. Journal of the American Statistical Association, 2001, 96, 667-684.	3.1	22
9	Distribution estimation for biased data. Journal of Statistical Planning and Inference, 2004, 124, 1-43.	0.6	20
10	Adaptive estimation of and oracle inequalities for probability densities and characteristic functions. Annals of Statistics, 2008, 36, .	2.6	19
11	Dimension Reduction and Adaptation in Conditional Density Estimation. Journal of the American Statistical Association, 2010, 105, 761-774.	3.1	19
12	Density Estimation for the Case of Supersmooth Measurement Error. Journal of the American Statistical Association, 1997, 92, 526.	3.1	19
13	Quasi-Linear Wavelet Estimation. Journal of the American Statistical Association, 1999, 94, 189-204.	3.1	18
14	Nonparametric regression with responses missing at random. Journal of Statistical Planning and Inference, 2011, 141, 3744-3752.	0.6	18
15	Missing and Modified Data in Nonparametric Estimation. , 0, , .		16
16	Adaptive orthogonal series density estimation for small samples. Computational Statistics and Data Analysis, 1996, 22, 599-617.	1.2	15
17	Sequential Design and Estimation in Heteroscedastic Nonparametric Regression. Sequential Analysis, 2007, 26, 3-25.	0.5	15
18	Data-Driven Efficient Estimation of the Spectral Density. Journal of the American Statistical Association, 1998, 93, 762-769.	3.1	14

#	ARTICLE	IF	CITATIONS
19	Coalescent Time Distributions in Trees of Arbitrary Size. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2008, 7, Article2.	0.6	13
20	Simultaneous sharp estimation of functions and their derivatives. <i>Annals of Statistics</i> , 1998, 26, .	2.6	13
21	Optimal nonparametric estimation of the density of regression errors with finite support. <i>Annals of the Institute of Statistical Mathematics</i> , 2007, 59, 617-654.	0.8	12
22	Sequential Nonparametric Estimation with Assigned Risk. <i>Annals of Statistics</i> , 1995, 23, 1376.	2.6	10
23	Adaptive estimation of error density in nonparametric regression with small sample size. <i>Journal of Statistical Planning and Inference</i> , 2007, 137, 363-378.	0.6	10
24	Quasi-Linear Wavelet Estimation. <i>Journal of the American Statistical Association</i> , 1999, 94, 189.	3.1	10
25	Oracle inequality for conditional density estimation and an actuarial example. <i>Annals of the Institute of Statistical Mathematics</i> , 2010, 62, 249-275.	0.8	9
26	EFFICIENT NONPARAMETRIC ESTIMATION OF THE SPECTRAL DENSITY IN THE PRESENCE OF MISSING OBSERVATIONS. <i>Journal of Time Series Analysis</i> , 2014, 35, 407-427.	1.2	8
27	Can Adaptive Estimators for Fourier Series Be of Interest to Wavelets?. <i>Bernoulli</i> , 2000, 6, 699.	1.3	7
28	Optimal Sequential Design in a Controlled Non-parametric Regression. <i>Scandinavian Journal of Statistics</i> , 2008, 35, 266-285.	1.4	7
29	On Sequential Data-Driven Density Estimation. <i>Sequential Analysis</i> , 2004, 23, 603-623.	0.5	6
30	Sharp linear and block shrinkage wavelet estimation. <i>Statistics and Probability Letters</i> , 2000, 49, 323-329.	0.7	5
31	Nonparametric estimation of the anisotropic probability density of mixed variables. <i>Journal of Multivariate Analysis</i> , 2011, 102, 468-481.	1.0	5
32	Application of Nonparametric Binary Regression to Evaluate the Sensitivity of Explosives. <i>Technometrics</i> , 1996, 38, 50-58.	1.9	4
33	Second Order Efficient Estimating a Smooth Distribution Function and its Applications. <i>Methodology and Computing in Applied Probability</i> , 2001, 3, 179-198.	1.2	4
34	Oracle Inequalities for Efromovich's Pinsker Blockwise Estimates. <i>Methodology and Computing in Applied Probability</i> , 2004, 6, 303-322.	1.2	4
35	Analysis of blockwise shrinkage wavelet estimates via lower bounds for no-signal setting. <i>Annals of the Institute of Statistical Mathematics</i> , 2004, 56, 205-223.	0.8	4
36	Lower bound for estimation of Sobolev densities of order less. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 2261-2268.	0.6	4

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37	Minimax theory of nonparametric hazard rate estimation: efficiency and adaptation. <i>Annals of the Institute of Statistical Mathematics</i> , 2016, 68, 25-75.	0.8	4
38	On Logarithmic Penalty in Adaptive Pointwise Estimation and Blockwise Wavelet Shrinkage. <i>Journal of Computational and Graphical Statistics</i> , 2005, 14, 20-40.	1.7	3
39	Univariate Nonparametric Regression in the Presence of Auxiliary Covariates. <i>Journal of the American Statistical Association</i> , 2005, 100, 1185-1201.	3.1	3
40	A lower-bound oracle inequality for a blockwise-shrinkage estimate. <i>Journal of Statistical Planning and Inference</i> , 2007, 137, 176-183.	0.6	3
41	Adaptive nonparametric density estimation with missing observations. <i>Journal of Statistical Planning and Inference</i> , 2013, 143, 637-650.	0.6	3
42	Nonparametric regression with missing data. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2014, 6, 265-275.	3.9	3
43	Estimation of the Spectral Density with Assigned Risk. <i>Scandinavian Journal of Statistics</i> , 2016, 43, 70-82.	1.4	3
44	Missing, Modified, and Large-p-small-n Data in Nonparametric Curve Estimation. <i>Calcutta Statistical Association Bulletin</i> , 2017, 69, 1-34.	0.3	3
45	Hazard rate estimation for left truncated and right censored data. <i>Annals of the Institute of Statistical Mathematics</i> , 2018, 70, 889-917.	0.8	3
46	On shrinking minimax convergence in nonparametric statistics. <i>Journal of Nonparametric Statistics</i> , 2014, 26, 555-573.	0.9	2
47	Nonparametric estimation of the spectral density of amplitude-modulated time series with missing observations. <i>Statistics and Probability Letters</i> , 2014, 93, 7-13.	0.7	2
48	On sharp nonparametric estimation of differentiable functions. <i>Statistics and Probability Letters</i> , 2019, 152, 9-14.	0.7	2
49	On rate and sharp optimal estimation. <i>Probability Theory and Related Fields</i> , 1999, 113, 415-419.	1.8	1
50	A Study of Blockwise Wavelet Estimates Via Lower Bounds for a Spike Function. <i>Scandinavian Journal of Statistics</i> , 2005, 32, 133-158.	1.4	1
51	Aggregated wavelet estimation and its application to ultra-fast fMRI. <i>Journal of Nonparametric Statistics</i> , 2010, 22, 841-857.	0.9	1
52	Two-Stage Nonparametric Sequential Estimation of the Directional Density with Complete and Missing Observations. <i>Sequential Analysis</i> , 2015, 34, 425-440.	0.5	1
53	Wavelet Analysis of Big Data Contaminated by Large Noise in an fMRI Study of Neuroplasticity. <i>Methodology and Computing in Applied Probability</i> , 2018, 20, 1381-1402.	1.2	1
54	On Two-Stage Estimation of the Spectral Density with Assigned Risk in Presence of Missing Data. <i>Journal of Time Series Analysis</i> , 2019, 40, 203-224.	1.2	1

#	ARTICLE	IF	CITATIONS
55	Best Fourier Approximation and Application in Efficient Blurred Signal Reconstruction. Journal of Computational Analysis and Applications, 1999, 1, 43-62.	0.2	0
56	Discussion on "Likelihood Ratio Identities and Their Applications to Sequential Analysis" by Tze L. Lai. Sequential Analysis, 2004, 23, 517-520.	0.5	0
57	Comments on: Nonparametric inference with generalized likelihood ratio tests. Test, 2007, 16, 465-467.	1.1	0
58	Nonparametric regression estimation with assigned risk. Statistics and Probability Letters, 2008, 78, 1748-1756.	0.7	0
59	Discussion on "Optimal Sequential Surveillance for Finance, Public Health, and Other Areas" by Marianne FrisÅn. Sequential Analysis, 2009, 28, 342-346.	0.5	0
60	Multiwavelets: Theory and Bioinformatic Applications. Communications in Statistics - Theory and Methods, 2009, 38, 2829-2842.	1.0	0
61	A sharp minimax lower bound for the nonparametric estimation of Sobolev densities of order. Statistics and Probability Letters, 2010, 80, 77-81.	0.7	0
62	On sequential spectral analysis of amplitude-modulated time series. Sequential Analysis, 2019, 38, 259-278.	0.5	0
63	Statistical analysis of fMRI using wavelets: Big Data, denoising, large $p \times n$ matrices. Wiley Interdisciplinary Reviews: Computational Statistics, 2019, 11, e1467.	3.9	0
64	Missing not at random and the nonparametric estimation of the spectral density. Journal of Time Series Analysis, 2020, 41, 652-675.	1.2	0