Hee-Seok Oh

List of Publications by Year
in descending order

49 papers	**473** citations	1040056 **9** h-index
50 all docs	**50** docs citations	**50** times ranked

752698
20 g-index

508 citing authors

#	Article	IF	Citations
1	Smoothly Clipped Absolute Deviation on High Dimensions. Journal of the American Statistical Association, 2008, 103, 1665-1673.	3.1	194
2	Fast Nonparametric Quantile Regression With Arbitrary Smoothing Methods. Journal of Computational and Graphical Statistics, 2011, 20, 510-526.	1.7	30
3	Quantile-Based Empirical Mode Decomposition: An Efficient Way to Decompose Noisy Signals. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1802-1813.	4.7	25
4	Bidimensional Statistical Empirical Mode Decomposition. IEEE Signal Processing Letters, 2012, 19, 191-194.	3.6	23
5	Robust penalized regression spline fitting with application to additive mixed modeling. Computational Statistics, 2007, 22, 159-171.	1.5	22
6	Multiple Genes Related to Muscle Identified through a Joint Analysis of a Two-stage Genome-wide Association Study for Racing Performance of 1,156 Thoroughbreds. Asian-Australasian Journal of Animal Sciences, 2015, 28, 771-781.	2.4	13
7	An improvement of seasonal climate prediction by regularized canonical correlation analysis. International Journal of Climatology, 2012, 32, 1503-1512.	3.5	11
8	Principal component analysis in the wavelet domain. Pattern Recognition, 2021, 119, 108096.	8.1	11
9	Automatic polynomial wavelet regression. Statistics and Computing, 2004, 14, 337-341.	1.5	9
10	Hierarchical-likelihood-based wavelet method for denoising signals with missing data. IEEE Signal Processing Letters, 2006, 13, 361-364.	3.6	9
11	Bayesian regression model for seasonal forecast of precipitation over Korea. Asia-Pacific Journal of Atmospheric Sciences, 2012, 48, 205-212.	2.3	9
12	Empirical mode decomposition with missing values. SpringerPlus, 2016, 5, 2016.	1.2	9
13	Spectrum measurement modelling and prediction based on wavelets. IET Communications, 2016, 10, 2192-2198.	2.2	9
14	A Hilbert–Huang transform approach for predicting cyber-attacks. Journal of the Korean Statistical Society, 2008, 37, 277-283.	0.4	7
15	Improved multisite stochastic weather generation with applications to historical data in South Korea. Asia-Pacific Journal of Atmospheric Sciences, 2010, 46, 497-504.	2.3	6
16	Composite Quantile Periodogram for Spectral Analysis. Journal of Time Series Analysis, 2016, 37, 195-221.	1.2	6
17	A generalization of functional clustering for discrete multivariate longitudinal data. Statistical Methods in Medical Research, 2020, 29, 3205-3217.	1.5	6
18	A Multi-Resolution Approach to Non-Stationary Financial Time Series Using the Hilbert-Huang Transform. Ungyong T'onggye Yon'gu = the Korean Journal of Applied Statistics, 2009, 22, 499-513.	0.1	6

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19	Cross-validated wavelet shrinkage. Computational Statistics, 2009, 24, 497-512.	1.5	5
20	Independent component regression for seasonal climate prediction: an efficient way to improve multimodel ensembles. Theoretical and Applied Climatology, 2015, 119, 433-441.	2.8	5
21	Seasonal precipitation prediction via data–adaptive principal component regression. International Journal of Climatology, 2017, 37, 75-86.	3.5	5
22	Dynamic principal component analysis with missing values. Journal of Applied Statistics, 2020, 47, 1957-1969.	1.3	5
23	Pseudo-quantile functional data clustering. Journal of Multivariate Analysis, 2020, 178, 104626.	1.0	5
24	Reliability functions estimated from commonly used yield models. Microelectronics Reliability, 2008, 48, 481-489.	1.7	4
25	Robust wavelet shrinkage using robust selection of thresholds. Statistics and Computing, 2009, 19, 27-34.	1.5	4
26	Sparse Bayesian representation in time–frequency domain. Journal of Statistical Planning and Inference, 2015, 166, 126-137.	0.6	4
27	Prediction of extremal precipitation by quantile regression forests: from SNU Multiscale Team. Extremes, 2018, 21, 463-476.	1.0	4
28	A REINTERPRETATION OF EMD BY CUBIC SPLINE INTERPOLATION. Advances in Adaptive Data Analysis, 2011, 03, 527-540.	0.6	3
29	The role of functional data analysis for instantaneous frequency estimation. Computational Statistics, 2013, 28, 1965-1987.	1.5	3
30	Multiscale Clustering for Functional Data. Journal of Classification, 2019, 36, 368-391.	2.2	3
31	Prediction of East Asian summer precipitation via independent component analysis. Asia-Pacific Journal of Atmospheric Sciences, 2012, 48, 125-134.	2.3	2
32	Simultaneous confidence interval for quantile regression. Computational Statistics, 2015, 30, 345-358.	1.5	2
33	Spherical Principal Curves. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2165-2171.	13.9	2
34	Multimodel ensemble forecasting of rainfall over East Asia: regularized regression approach. International Journal of Climatology, 2014, 34, 3720-3731.	3.5	1
35	Ensemble clustering for step data via binning. Biometrics, 2021, 77, 293-304.	1.4	1
36	Estimation of spatio-temporal extreme distribution using a quantile factor model. Extremes, 2021, 24, 177-195.	1.0	1

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37	Quantile spectral analysis of long-memory processes. Empirical Economics, 2022, 62, 1245-1266.	3.0	1
38	Lifting scheme for streamflow data inÂriver networks. Journal of the Royal Statistical Society Series C: Applied Statistics, 2022, 71, 467-490.	1.0	1
39	A fast wavelet approach for recovering damaged images. Journal of Applied Statistics, 2008, 35, 927-938.	1.3	0
40	Discussion: Time-threshold maps: Using information from wavelet reconstructions with all threshold values simultaneously. Journal of the Korean Statistical Society, 2012, 41, 165-168.	0.4	0
41	Intrinsic Pattern Preserving Boundary Treatment Method for Empirical Mode Decomposition. Advances in Data Science and Adaptive Analysis, 2016, 08, 1650008.	0.4	0
42	Spatio-temporal analysis of particulate matter extremes in Seoul: use of multiscale approach. Stochastic Environmental Research and Risk Assessment, 2017, 31, 2401-2414.	4.0	0
43	Identifying local smoothness for spatially inhomogeneous functions. Computational Statistics, 2017, 32, 1115-1138.	1.5	0
44	Confidence intervals for nonparametric quantile regression: an emphasis on smoothing splines approach. Australian and New Zealand Journal of Statistics, 2017, 59, 527-543.	0.9	0
45	Robust coherence analysis for long-memory processes. Applied Economics Letters, 2021, 28, 335-342.	1.8	0
46	Special Issue on the 50th Anniversary of the Korean Statistical Society. Journal of the Korean Statistical Society, 2021, 50, 633-633.	0.4	0
47	Signal Reconstruction by Synchrosqueezed Wavelet Transform. Communications for Statistical Applications and Methods, 2015, 22, 159-172.	0.3	0
48	Robust Geodesic Regression. International Journal of Computer Vision, 2022, 130, 478-503.	15.6	0
49	How to identify fake images? : Multiscale methods vs. Sherlock Holmes. Communications for Statistical Applications and Methods, 2021, 28, 583-594.	0.3	0