

Shiyuan He

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

132
citations

1477746

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1588620

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197
citing authors

#	ARTICLE	IF	CITATIONS
1	Large Magellanic Cloud Near-infrared Synoptic Survey. V. Periodâ€“Luminosity Relations of Miras. <i>Astronomical Journal</i> , 2017, 154, 149.	1.9	36
2	The M33 Synoptic Stellar Survey. II. Mira Variables. <i>Astronomical Journal</i> , 2017, 153, 170.	1.9	25
3	Characterization of Type Ia Supernova Light Curves Using Principal Component Analysis of Sparse Functional Data. <i>Astrophysical Journal</i> , 2018, 857, 110.	1.6	18
4	Multiwavelength Periodâ€“Luminosity and Periodâ€“Luminosityâ€“Color Relations at Maximum Light for Mira Variables in the Magellanic Clouds. <i>Astrophysical Journal</i> , 2019, 884, 20.	1.6	18
5	PERIOD ESTIMATION FOR SPARSELY SAMPLED QUASI-PERIODIC LIGHT CURVES APPLIED TO MIRAS. <i>Astronomical Journal</i> , 2016, 152, 164.	1.9	16
6	Graphical model selection and estimation for high dimensional tensor data. <i>Journal of Multivariate Analysis</i> , 2014, 128, 165-185.	0.5	10
7	A Reproducing Kernel Hilbert Space Approach to Functional Calibration of Computer Models. <i>Journal of the American Statistical Association</i> , 2023, 118, 883-897.	1.8	5
8	Functional PCA with Covariate Dependent Mean and Covariance Structure. <i>Technometrics</i> , 0, , 1-29.	1.3	2
9	Randomized estimation of functional covariance operator via subsampling. <i>Stat</i> , 2020, 9, e311.	0.3	1
10	Functional principal subspace sampling for large scale functional data analysis. <i>Electronic Journal of Statistics</i> , 2022, 16, .	0.4	1
11	Simultaneous inference of periods and period-luminosity relations for Mira variable stars. <i>Annals of Applied Statistics</i> , 2021, 15, .	0.5	0