Naoya Takeishi

List of Publications by Year
in descending order

17 papers	334 citations	1307594 7 h-index	1474206 9 g-index
18 all docs	18 docs citations	18 times ranked	232 citing authors

#	Article	IF	Citations
1	A Data-Driven Health Monitoring Method for Satellite Housekeeping Data Based on Probabilistic Clustering and Dimensionality Reduction. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 1384-1401.	4.7	94
2	Sparse nonnegative dynamic mode decomposition. , 2017, , .		49
3	Subspace dynamic mode decomposition for stochastic Koopman analysis. Physical Review E, 2017, 96, 033310.	2.1	47
4	Bayesian Dynamic Mode Decomposition. , 2017, , .		45
5	Anomaly detection from multivariate time-series with sparse representation. , 2014, , .		16
6	Shapley Values of Reconstruction Errors of PCA for Explaining Anomaly Detection. , 2019, , .		14
7	Data-driven spectral analysis for coordinative structures in periodic human locomotion. Scientific Reports, 2019, 9, 16755.	3.3	13
8	Evaluation of Interest-region Detectors and Descriptors for Automatic Landmark Tracking on Asteroids. Transactions of the Japan Society for Aeronautical and Space Sciences, 2015, 58, 45-53.	0.7	10
9	Visual localization for asteroid touchdown operation based on local image features. Astrodynamics, 2020, 4, 149-161.	2.4	10
10	Physically-interpretable classification of biological network dynamics for complex collective motions. Scientific Reports, 2020, 10, 3005.	3.3	9
11	Simultaneous estimation of shape and motion of an asteroid for automatic navigation. , 2015, , .		7
12	Visual Monocular Localization, Mapping, and Motion Estimation of a Rotating Small Celestial Body. Journal of Robotics and Mechatronics, 2017, 29, 856-863.	1.0	7
13	Dynamic and Static Topic Model for Analyzing Time-Series Document Collections. , 2018, , .		5
14	Fast estimation of asteroid shape and motion for spacecraft navigation. , 2013, , .		3
15	Factorially Switching Dynamic Mode Decomposition for Koopman Analysis of Time-Variant Systems. , 2018, , .		3
16	Dynamic Grouped Mixture Models for Intermittent Multivariate Sensor Data. Lecture Notes in Computer Science, 2016, , 221-232.	1.3	1
17	Discriminant Dynamic Mode Decomposition for Labeled Spatiotemporal Data Collections. SIAM Journal on Applied Dynamical Systems, 2022, 21, 1030-1058.	1.6	1