Mervyn Ekanayake

List of Publications by Year
in descending order

30 papers	145 citations	2682572 2 h-index	2550090 3 g-index
30 all docs	30 docs citations	30 times ranked	120 citing authors

#	Article	IF	Citations
1	Constrained Nonnegative Matrix Factorization for Blind Hyperspectral Unmixing Incorporating Endmember Independence. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11853-11869.	4.9	10
2	Graph-Based Blind Hyperspectral Unmixing via Nonnegative Matrix Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6391-6409.	6.3	15
3	Enhanced Hyperspectral Unmixing via Non-Negative Matrix Factorization Incorporating the end Member Independence. , 2019, , .		4
4	A Multispectral Imaging System to Assess Meat Quality. , 2018, , .		6
5	Cloud motion tracking for short-term on-site cloud coverage prediction. , 2017, , .		8
6	Expression neutralization based algorithm for expression-invariant face recognition for single training sample problem. , 2017, , .		1
7	Dynamic clustering for event detection and anomaly identification in video surveillance. , 2017, , .		1
8	Cross-correlation based cloud motion estimation for short-term solar irradiation predictions. , 2017, , .		10
9	Hyperspectral imaging based land cover mapping using data obtained by the Hyperion sensor. , 2017, , .		1
10	Hierarchical method to classify emotions in speech signals. , 2016, , .		1
11	Modes of clustering for motion pattern analysis in video surveillance. , 2016, , .		10
12	Individual power profile estimation of residential appliances using low frequency smart meter data. , 2015, , .		12
13	Residential appliance monitoring based on low frequency smart meter measurements. , 2015, , .		9
14	Simplified controller for three wheeled omni directional mobile robot. , 2015, , .		6
15	Improved PCA based face recognition using similarity measurement fusion. , 2015, , .		2
16	Low cost torque estimator for DC servo motors. , 2015, , .		1
17	A robust expression negation algorithm for accurate face recognition for limited training data. , 2015, , .		4
18	Object identification, enhancement and tracking under dynamic background conditions. , 2014, , .		12

#	Article	IF	Citations
19	A subspace signature based approach for residential appliances identification using less informative and low resolution smart meter data. , 2014, , .		13
20	Human motion tracking under dynamic background conditions. , 2014, , .		5
21	Vision based obstacle detection and map generation for reconnaissance. , 2014, , .		5
22	An adaptive modified decision-directed algorithm for electronic polarization control in coherent QPSK optical transmission. , 2013, , .		0
23	A generalized ICA algorithm for extraction of super and sub Gaussian source signals from a complex valued mixture. , 2013, , .		3
24	Extraction and classification of non-stationary acoustic signals via dynamic subspace filtering. , 2013, , .		1
25	Temporal ICA based source extraction from dynamic image sequences with visual interference under noise. , 2013, , .		0
26	A generic object counting algorithm under partial occlusion conditions. , 2013, , .		2
27	Effect of training sequence bandwidth for Wiener filter based interference cancellation systems. , 2012, , .		1
28	Optimal control and tracking with eye movement dynamics with and without the Listing's constraint. , 2009, , .		0
29	Human eye movement with and without the Listings constraint. , 2009, , .		0
30	Control Theory and the Numerical Solution of ODEs. Communications in Information and Systems, 2008, 8, 201-222.	0.5	2