

# Mervyn Ekanayake

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5095689/publications.pdf>

Version: 2024-02-01

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	Graph-Based Blind Hyperspectral Unmixing via Nonnegative Matrix Factorization. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6391-6409.	6.3	15
2	A subspace signature based approach for residential appliances identification using less informative and low resolution smart meter data. , 2014, , .		13
3	Object identification, enhancement and tracking under dynamic background conditions. , 2014, , .		12
4	Individual power profile estimation of residential appliances using low frequency smart meter data. , 2015, , .		12
5	Modes of clustering for motion pattern analysis in video surveillance. , 2016, , .		10
6	Cross-correlation based cloud motion estimation for short-term solar irradiation predictions. , 2017, , .		10
7	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
8	Residential appliance monitoring based on low frequency smart meter measurements. , 2015, , .		9
9	Cloud motion tracking for short-term on-site cloud coverage prediction. , 2017, , .		8
10	Simplified controller for three wheeled omni directional mobile robot. , 2015, , .		6
11	A Multispectral Imaging System to Assess Meat Quality. , 2018, , .		6
12	Human motion tracking under dynamic background conditions. , 2014, , .		5
13	Vision based obstacle detection and map generation for reconnaissance. , 2014, , .		5
14	A robust expression negation algorithm for accurate face recognition for limited training data. , 2015, , .		4
15	Enhanced Hyperspectral Unmixing via Non-Negative Matrix Factorization Incorporating the end Member Independence. , 2019, , .		4
16	A generalized ICA algorithm for extraction of super and sub Gaussian source signals from a complex valued mixture. , 2013, , .		3
17	A generic object counting algorithm under partial occlusion conditions. , 2013, , .		2
18	Improved PCA based face recognition using similarity measurement fusion. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	Control Theory and the Numerical Solution of ODEs. Communications in Information and Systems, 2008, 8, 201-222.	0.5	2
20	Effect of training sequence bandwidth for Wiener filter based interference cancellation systems. , 2012, , .		1
21	Extraction and classification of non-stationary acoustic signals via dynamic subspace filtering. , 2013, , .		1
22	Low cost torque estimator for DC servo motors. , 2015, , .		1
23	Hierarchical method to classify emotions in speech signals. , 2016, , .		1
24	Expression neutralization based algorithm for expression-invariant face recognition for single training sample problem. , 2017, , .		1
25	Dynamic clustering for event detection and anomaly identification in video surveillance. , 2017, , .		1
26	Hyperspectral imaging based land cover mapping using data obtained by the Hyperion sensor. , 2017, , .		1
27	Optimal control and tracking with eye movement dynamics with and without the Listing's constraint. , 2009, , .		0
28	Human eye movement with and without the Listings constraint. , 2009, , .		0
29	An adaptive modified decision-directed algorithm for electronic polarization control in coherent QPSK optical transmission. , 2013, , .		0
30	Temporal ICA based source extraction from dynamic image sequences with visual interference under noise. , 2013, , .		0