

Michael Sears

List of Publications by Year in descending order

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17
papers

91
citations

1684188

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h-index

1588992

8
g-index

17
all docs

17
docs citations

17
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Per-Pixel Noise Estimation in Hyperspectral Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
2	Estimation of correlated signal-dependent noise statistics in hyperspectral images. Remote Sensing Letters, 2021, 12, 961-969.	1.4	1
3	Binary View Classification of Echocardiograms of the Heart Using Transfer Learning. , 2020, , .		0
4	Modified Residual Method for Estimation of Signal Dependent Noise in Hyperspectral Images. , 2018, , .		1
5	Estimation of the Noise Spectral Covariance Matrix in Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3853-3862.	4.9	4
6	Modified Residual Method for the Estimation of Noise in Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1451-1460.	6.3	16
7	On the suitability of using the residual method for estimation of the noise covariance matrix in hyperspectral images. , 2017, , .		2
8	Modified residual method for estimation of noise statistics in hyperspectral images. , 2015, , .		2
9	Estimation of the Intrinsic Dimension of Hyperspectral Images: Comparison of Current Methods. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 2854-2861.	4.9	21
10	Estimation of correlated noise in hyperspectral images. , 2014, , .		0
11	Searching for seafloor massive sulfides: a quantitative review of high-resolution methods in deep sea sonar bathymetry for mining applications. Marine Geophysical Researches, 2014, 35, 157-174.	1.2	3
12	The Effect of Correlation on Determining the Intrinsic Dimension of a Hyperspectral Image. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 482-487.	4.9	11
13	Analysis of hyperspectral data with diffusion maps and Fuzzy ART. , 2009, , .		6
14	Target detection in hyperspectral mineral data using wavelet analysis. , 2009, , .		4
15	Reducing the dimensionality of hyperspectral data using diffusion maps. , 2009, , .		5
16	Topological Properties of Rn Suspensions and Growth Properties of Zn Cocycles. Proceedings of the London Mathematical Society, 1993, s3-66, 431-448.	1.3	7
17	The structure of automorphisms of real suspension flows. Ergodic Theory and Dynamical Systems, 1991, 11, 349-364.	0.6	6