

Dimitris G Manolakis

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

203
citations

1464605

7
h-index

1427216

11
g-index

14
all docs

14
docs citations

14
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Hyperspectral Target Detection and Identification With Large Spectral Libraries. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 6019-6028.	2.3	9
2	Wavelength Calibration Correction Technique for Improved Emissivity Retrieval. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 642-648.	2.3	2
3	Longwave Infrared Hyperspectral Imaging: Principles, Progress, and Challenges. IEEE Geoscience and Remote Sensing Magazine, 2019, 7, 72-100.	4.9	33
4	Performance Prediction of Hyperspectral Target Detection Algorithms via Importance Sampling. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3078-3091.	2.3	2
5	Count Time-Series Analysis: A Signal Processing Perspective. IEEE Signal Processing Magazine, 2019, 36, 64-81.	4.6	15
6	Effects of Wavelength Calibration Mismatch on Temperature-Emissivity Separation Techniques. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1315-1324.	2.3	6
7	Sensitivity of temperature and emissivity separation to atmospheric errors in LWIR hyperspectral imagery. , 2018, , .		2
8	Wavelength calibration correction for ground radiance spectra in LWIR hyperspectral imagery. , 2018, , .		0
9	Performance limitations of temperature-ε emissivity separation techniques in long-wave infrared hyperspectral imaging applications. Optical Engineering, 2017, 56, 081804.	0.5	15
10	Long-Wave Infrared Hyperspectral Remote Sensing of Chemical Clouds: A focus on signal processing approaches. IEEE Signal Processing Magazine, 2014, 31, 120-141.	4.6	48
11	Performance Prediction of Matched Filter and Adaptive Cosine Estimator Hyperspectral Target Detectors. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2337-2350.	2.3	20
12	False-alarm characterization in hyperspectral gas-detection applications. Proceedings of SPIE, 2012, , .	0.8	3
13	Realistic matched filter performance prediction for hyperspectral target detection. Optical Engineering, 2005, 44, 116401.	0.5	14
14	Modeling hyperspectral imaging data. , 2003, , .		34