

Nicola Acito

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

409
citations

1307594

7
h-index

1125743

13
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16
all docs

16
docs citations

16
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal-Dependent Noise Modeling and Model Parameter Estimation in Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2957-2971.	6.3	145
2	Subspace-Based Striping Noise Reduction in Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 1325-1342.	6.3	91
3	Hyperspectral Airborne "Viareggio 2013 Trial" Data Collection for Detection Algorithm Assessment. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2365-2376.	4.9	65
4	The PRISMA hyperspectral mission: Science activities and opportunities for agriculture and land monitoring. , 2013, , .		33
5	Development of algorithms and products for supporting the Italian hyperspectral PRISMA mission: The SAP4PRISMA project. , 2012, , .		14
6	CWV-Net: A Deep Neural Network for Atmospheric Column Water Vapor Retrieval From Hyperspectral VNIR Data. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8163-8175.	6.3	10
7	Unsupervised Atmospheric Compensation of Airborne Hyperspectral Images in the VNIR Spectral Range. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2083-2106.	6.3	9
8	Atmospheric Column Water Vapor Retrieval From Hyperspectral VNIR Data Based on Low-Rank Subspace Projection. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3924-3940.	6.3	9
9	Coupled Subspace-Based Atmospheric Compensation of LWIR Hyperspectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5224-5238.	6.3	9
10	Subspace-Based Temperature and Emissivity Separation Algorithms in LWIR Hyperspectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1523-1537.	6.3	7
11	Learning-Based Approach for Atmospheric Compensation of VNIR Hyperspectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4218-4232.	6.3	6
12	PRISMA Spatial Resolution Enhancement by Fusion With Sentinel-2 Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 62-79.	4.9	6
13	Subspace-Based Target Detection in LWIR Hyperspectral Imaging. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1047-1051.	3.1	2
14	Atmospheric Compensation of PRISMA Data by Means of a Learning Based Approach. Remote Sensing, 2021, 13, 2967.	4.0	2
15	Improved Learning-Based Approach for Atmospheric Compensation of VNIR-SWIR Hyperspectral Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	1
16	Learning Based Atmospheric Compensation: Results on Prisma Data. , 2021, , .		0