

Sylvain Lobry

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9449724/publications.pdf>

Version: 2024-02-01

21
papers

483
citations

1307594

7
h-index

1474206

9
g-index

21
all docs

21
docs citations

21
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	Half a Percent of Labels is Enough: Efficient Animal Detection in UAV Imagery Using Deep CNNs and Active Learning. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9524-9533.	6.3	87
2	A deep learning framework for matching of SAR and optical imagery. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 169, 166-179.	11.1	83
3	RSVQA: Visual Question Answering for Remote Sensing Data. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8555-8566.	6.3	83
4	Fine-grained landuse characterization using ground-based pictures: a deep learning solution based on globally available data. International Journal of Geographical Information Science, 2020, 34, 1117-1136.	4.8	55
5	Correcting rural building annotations in OpenStreetMap using convolutional neural networks. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 147, 283-293.	11.1	42
6	Multitemporal SAR Image Decomposition into Strong Scatterers, Background, and Speckle. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3419-3429.	4.9	24
7	Shrub decline and expansion of wetland vegetation revealed by very high resolution land cover change detection in the Siberian lowland tundra. Science of the Total Environment, 2021, 782, 146877.	8.0	19
8	Semantically Interpretable Activation Maps: what-where-how explanations within CNNs. , 2019, , .		17
9	RSVQA Meets Bigearthnet: A New, Large-Scale, Visual Question Answering Dataset for Remote Sensing. , 2021, , .		15
10	Learning Multi-Label Aerial Image Classification Under Label Noise: A Regularization Approach Using Word Embeddings. , 2020, , .		15
11	Visual Question Answering From Remote Sensing Images. , 2019, , .		13
12	Correcting Misaligned Rural Building Annotations in Open Street Map Using Convolutional Neural Networks Evidence. , 2018, , .		7
13	Contextual Semantic Interpretability. Lecture Notes in Computer Science, 2021, , 351-368.	1.3	6
14	Deep Learning Models to Count Buildings in High-Resolution Overhead Images. , 2019, , .		4
15	Water Detection in SWOT HR Images Based on Multiple Markov Random Fields. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4315-4326.	4.9	3
16	Interpretable Scenicness from Sentinel-2 Imagery. , 2020, , .		3
17	Sparse + smooth decomposition models for multi-temporal SAR images. , 2015, , .		2
18	Double MRF for water classification in SAR images by joint detection and reflectivity estimation. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	A decomposition model for scatterers change detection in multi-temporal series of SAR images. , 2016, , .		1
20	Urban area change detection based on generalized likelihood ratio test. , 2017, , .		1
21	Unsupervised detection of thin water surfaces in SWOT images based on segment detection and connection. , 2017, , .		1