

Mark Eramian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/607052/publications.pdf>

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18
papers

431
citations

1684188

5
h-index

1588992

8
g-index

18
all docs

18
docs citations

18
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmentation of vegetation and microplots in aerial agriculture images: A survey. <i>The Plant Phenome Journal</i> , 2022, 5, .	2.0	6
2	Automatic Microplot Localization Using UAV Images and a Hierarchical Image-Based Optimization Method. <i>Plant Phenomics</i> , 2021, 2021, 9764514.	5.9	1
3	Genes responsive to rapamycin and serum deprivation are clustered on chromosomes and undergo reorganization within local chromatin environments. <i>Biochemistry and Cell Biology</i> , 2020, 98, 178-190.	2.0	6
4	A Novel Technique Combining Image Processing, Plant Development Properties, and the Hungarian Algorithm, to Improve Leaf Detection in Maize. , 2020, , .		4
5	Benchmarking Human Performance in Semi-Automated Image Segmentation. <i>Interacting With Computers</i> , 2020, 32, 233-245.	1.5	1
6	Automatic Detection and Segmentation of Lentil Crop Breeding Plots From Multi-Spectral Images Captured by UAV-Mounted Camera. , 2019, , .		13
7	ProTractor: A Lightweight Ground Imaging and Analysis System for Early-Season Field Phenotyping. , 2019, , .		4
8	Crop Lodging Prediction From UAV-Acquired Images of Wheat and Canola Using a DCNN Augmented With Handcrafted Texture Features. , 2019, , .		34
9	Classification of Crop Lodging with Gray Level Co-occurrence Matrix. , 2018, , .		17
10	Robust and User Friendly 3D Re-Construction of Neutron Tomographic Images. , 2018, , .		1
11	Enhancing textural differences using wavelet-based texture characteristics morphological component analysis: A preprocessing method for improving image segmentation. <i>Computer Vision and Image Understanding</i> , 2017, 158, 49-61.	4.7	10
12	Image-based search and retrieval for biface artefacts using features capturing archaeologically significant characteristics. <i>Machine Vision and Applications</i> , 2017, 28, 201-218.	2.7	5
13	Thyroid Nodule Classification in Ultrasound Images by Fine-Tuning Deep Convolutional Neural Network. <i>Journal of Digital Imaging</i> , 2017, 30, 477-486.	2.9	289
14	Wavelet-based texture-characteristic morphological component analysis for colour image enhancement. , 2016, , .		5
15	Rapamycin reduces fibroblast proliferation without causing quiescence and induces STAT5A/B-mediated cytokine production. <i>Nucleus</i> , 2015, 6, 490-506.	2.2	16
16	Enhancement of Textural Differences Based on Morphological Component Analysis. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 2671-2684.	9.8	15
17	Identification of Morphologically Similar Seeds Using Multi-kernel Learning. , 2014, , .		3
18	Worst-Case Local Boundary Precision in Global Measures of Segmentation Reproducibility. , 2013, , .		1