

Giovanni Poggi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,386
citations

257357

24
h-index

345118

36
g-index

40
all docs

40
docs citations

40
times ranked

1709
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Dense-Field Copy-Move Forgery Detection. IEEE Transactions on Information Forensics and Security, 2015, 10, 2284-2297.	4.5	300
2	An Investigation of Local Descriptors for Biometric Spoofing Detection. IEEE Transactions on Information Forensics and Security, 2015, 10, 849-863.	4.5	149
3	Exploiting Patch Similarity for SAR Image Processing: The nonlocal paradigm. IEEE Signal Processing Magazine, 2014, 31, 69-78.	4.6	145
4	Fast Adaptive Nonlocal SAR Despeckling. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 524-528.	1.4	145
5	Do GANs Leave Artificial Fingerprints?. , 2019, , .		144
6	A Bayesian-MRF Approach for PRNU-Based Image Forgery Detection. IEEE Transactions on Information Forensics and Security, 2014, 9, 554-567.	4.5	142
7	Benchmarking Framework for SAR Despeckling. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1596-1615.	2.7	133
8	A tree-structured Markov random field model for bayesian image segmentation. IEEE Transactions on Image Processing, 2003, 12, 1259-1273.	6.0	114
9	Local contrast phase descriptor for fingerprint liveness detection. Pattern Recognition, 2015, 48, 1050-1058.	5.1	112
10	Marker-Controlled Watershed-Based Segmentation of Multiresolution Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 2987-3004.	2.7	94
11	Hierarchical Texture-Based Segmentation of Multiresolution Remote-Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 2129-2141.	2.7	75
12	InSAR-BM3D: A Nonlocal Filter for SAR Interferometric Phase Restoration. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3456-3467.	2.7	69
13	A PatchMatch-Based Dense-Field Algorithm for Video Copy-Move Detection and Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 669-682.	5.6	68
14	Blind PRNU-Based Image Clustering for Source Identification. IEEE Transactions on Information Forensics and Security, 2017, 12, 2197-2211.	4.5	63
15	A Full-Image Full-Resolution End-to-End-Trainable CNN Framework for Image Forgery Detection. IEEE Access, 2020, 8, 133488-133502.	2.6	56
16	Nonlocal CNN SAR Image Despeckling. Remote Sensing, 2020, 12, 1006.	1.8	56
17	A deep learning approach for iris sensor model identification. Pattern Recognition Letters, 2018, 113, 46-53.	2.6	47
18	Combining PRNU and noiseprint for robust and efficient device source identification. Eurasip Journal on Information Security, 2020, 2020, .	2.4	41

#	ARTICLE	IF	CITATIONS
19	Deep Learning Methods For Synthetic Aperture Radar Image Despeckling: An Overview Of Trends And Perspectives. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 29-51.	4.9	38
20	A study of co-occurrence based local features for camera model identification. Multimedia Tools and Applications, 2017, 76, 4765-4781.	2.6	35
21	A Bayesian Filtering Technique for SAR Interferometric Phase Fields. IEEE Transactions on Image Processing, 2004, 13, 1368-1378.	6.0	34
22	Pansharpening by Convolutional Neural Networks in the Full Resolution Framework. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	34
23	Guided Patchwise Nonlocal SAR Despeckling. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6484-6498.	2.7	33
24	Optical-Driven Nonlocal SAR Despeckling. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 314-318.	1.4	29
25	Region-Based Transform Coding of Multispectral Images. IEEE Transactions on Image Processing, 2007, 16, 2916-2926.	6.0	28
26	Exploration of Multitemporal COSMO-SkyMed Data via Interactive Tree-Structured MRF Segmentation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2763-2775.	2.3	24
27	SAR Image Despeckling by Soft Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 2118-2130.	2.3	22
28	Analysis of Adversarial Attacks against CNN-based Image Forgery Detectors. , 2018, , .		22
29	Visual assessment versus computer-assisted gray scale analysis in the ultrasound evaluation of neonatal respiratory status. PLoS ONE, 2018, 13, e0202397.	1.1	21
30	Using iris and sclera for detection and classification of contact lenses. Pattern Recognition Letters, 2016, 82, 251-257.	2.6	20
31	Low-complexity compression of multispectral images based on classified transform coding. Signal Processing: Image Communication, 2006, 21, 850-861.	1.8	14
32	Perceptual quality-preserving black-box attack against deep learning image classifiers. Pattern Recognition Letters, 2021, 147, 142-149.	2.6	14
33	Compression of multispectral images by address-predictive vector quantization. Signal Processing: Image Communication, 1997, 11, 147-159.	1.8	12
34	The Offset-Compensated Nonlocal Filtering of Interferometric Phase. Remote Sensing, 2018, 10, 1359.	1.8	12
35	Applications of the kohonen algorithm in vector quantization. European Transactions on Telecommunications, 1995, 6, 191-202.	1.2	9
36	Towards Universal GAN Image Detection. , 2021, , .		9

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37	Addressâ€Predictive Vector Quantization of Images by Topologyâ€Preserving Codebook Ordering. European Transactions on Telecommunications, 1993, 4, 423-434.	1.2	8
38	A Reliable Order-Statistics-Based Approximate Nearest Neighbor Search Algorithm. IEEE Transactions on Image Processing, 2017, 26, 237-250.	6.0	8
39	PRNU-Based Forgery Localization in a Blind Scenario. Lecture Notes in Computer Science, 2017, , 569-579.	1.0	7
40	Data-Driven Digital Integrity Verification. Advances in Computer Vision and Pattern Recognition, 2022, , 281-311.	0.9	0