Giovanni Poggi

List of Publications by Year
in descending order

40 papers	2,386 citations	257101 24 h-index	344852 36 g-index
40 all docs	40 docs citations	40 times ranked	1709 citing authors

#	Article	IF	Citations
1	Pansharpening by Convolutional Neural Networks in the Full Resolution Framework. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	2.7	34
2	Data-Driven Digital Integrity Verification. Advances in Computer Vision and Pattern Recognition, 2022, , 281-311.	0.9	0
3	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
4	Perceptual quality-preserving black-box attack against deep learning image classifiers. Pattern Recognition Letters, 2021, 147, 142-149.	2.6	14
5	Towards Universal GAN Image Detection. , 2021, , .		9
6	A Full-Image Full-Resolution End-to-End-Trainable CNN Framework for Image Forgery Detection. IEEE Access, 2020, 8, 133488-133502.	2.6	56
7	Combining PRNU and noiseprint for robust and efficient device source identification. Eurasip Journal on Information Security, 2020, 2020, .	2.4	41
8	Nonlocal CNN SAR Image Despeckling. Remote Sensing, 2020, 12, 1006.	1.8	56
9	Guided Patchwise Nonlocal SAR Despeckling. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6484-6498.	2.7	33
10	Do GANs Leave Artificial Fingerprints?. , 2019, , .		144
11	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
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 deep learning approach for iris sensor model identification. Pattern Recognition Letters, 2018, 113, 46-53.	2.6	47
14	The Offset-Compensated Nonlocal Filtering of Interferometric Phase. Remote Sensing, 2018, 10, 1359.	1.8	12
15	Analysis of Adversarial Attacks against CNN-based Image Forgery Detectors. , 2018, , .		22
16	Visual assessment versus computer-assisted gray scale analysis in the ultrasound evaluation of neonatal respiratory status. PLoS ONE, 2018, 13, e0202397.	1.1	21
17	A study of co-occurrence based local features for camera model identification. Multimedia Tools and Applications, 2017, 76, 4765-4781.	2.6	35
18	Blind PRNU-Based Image Clustering for Source Identification. IEEE Transactions on Information Forensics and Security, 2017, 12, 2197-2211.	4.5	63

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19	A Reliable Order-Statistics-Based Approximate Nearest Neighbor Search Algorithm. IEEE Transactions on Image Processing, 2017, 26, 237-250.	6.0	8
20	PRNU-Based Forgery Localization in a Blind Scenario. Lecture Notes in Computer Science, 2017, , 569-579.	1.0	7
21	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
22	Using iris and sclera for detection and classification of contact lenses. Pattern Recognition Letters, 2016, 82, 251-257.	2.6	20
23	Efficient Dense-Field Copyâ€"Move Forgery Detection. IEEE Transactions on Information Forensics and Security, 2015, 10, 2284-2297.	4.5	300
24	An Investigation of Local Descriptors for Biometric Spoofing Detection. IEEE Transactions on Information Forensics and Security, 2015, 10, 849-863.	4.5	149
25	Marker-Controlled Watershed-Based Segmentation of Multiresolution Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 2987-3004.	2.7	94
26	Local contrast phase descriptor for fingerprint liveness detection. Pattern Recognition, 2015, 48, 1050-1058.	5.1	112
27	Optical-Driven Nonlocal SAR Despeckling. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 314-318.	1.4	29
28	Benchmarking Framework for SAR Despeckling. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1596-1615.	2.7	133
29	Exploiting Patch Similarity for SAR Image Processing: The nonlocal paradigm. IEEE Signal Processing Magazine, 2014, 31, 69-78.	4.6	145
30	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
31	Fast Adaptive Nonlocal SAR Despeckling. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 524-528.	1.4	145
32	A Bayesian-MRF Approach for PRNU-Based Image Forgery Detection. IEEE Transactions on Information Forensics and Security, 2014, 9, 554-567.	4.5	142
33	Hierarchical Texture-Based Segmentation of Multiresolution Remote-Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 2129-2141.	2.7	75
34	Region-Based Transform Coding of Multispectral Images. IEEE Transactions on Image Processing, 2007, 16, 2916-2926.	6.0	28
35	Low-complexity compression of multispectral images based on classified transform coding. Signal Processing: Image Communication, 2006, 21, 850-861.	1.8	14
36	A Bayesian Filtering Technique for SAR Interferometric Phase Fields. IEEE Transactions on Image Processing, 2004, 13, 1368-1378.	6.0	34

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37	A tree-structured Markov random field model for bayesian image segmentation. IEEE Transactions on Image Processing, 2003, 12, 1259-1273.	6.0	114
38	Compression of multispectral images by address-predictive vector quantization. Signal Processing: Image Communication, 1997, 11, 147-159.	1.8	12
39	Applications of the kohonen algorithm in vector quantization. European Transactions on Telecommunications, 1995, 6, 191-202.	1.2	9
40	Address‐Predictive Vector Quantization of Images by Topology‐Preserving Codebook Ordering. European Transactions on Telecommunications, 1993, 4, 423-434.	1.2	8