Domenico Vitulano

List of Publications by Year
in descending order

48 papers	431 citations	933447 10 h-index	794594 19 g-index
54 all docs	54 docs citations	54 times ranked	266 citing authors

#	Article	IF	Citations
1	Coherence of PRNU weighted estimations for improved source camera identification. Multimedia Tools and Applications, 2022, 81, 22653-22676.	3.9	2
2	A Short Review on Minimum Description Length: An Application to Dimension Reduction in PCA. Entropy, 2022, 24, 269.	2.2	26
3	A Novel Fourier-based Approach for Camera Identification. , 2021, , .		0
4	A pde-Based Analysis of the Spectrogram Image for Instantaneous Frequency Estimation. Mathematics, 2021, 9, 247.	2.2	6
5	A Fast Preprocessing Method for Micro-Expression Spotting via Perceptual Detection of Frozen Frames. Journal of Imaging, 2021, 7, 68.	3.0	1
6	An iterative approach for spectrogram reassignment of frequency modulated multicomponent signals. Mathematics and Computers in Simulation, 2020, 176, 96-119.	4.4	11
7	A Signal Complexity-Based Approach for AMâ€"FM Signal Modes Counting. Mathematics, 2020, 8, 2170.	2.2	10
8	A Multiscale Energy-Based Time-Domain Approach for Interference Detection in Non-stationary Signals. Lecture Notes in Computer Science, 2020, , 36-47.	1.3	1
9	A Fast and Robust Spectrogram Reassignment Method. Mathematics, 2019, 7, 358.	2.2	12
10	An Adaptive Copy-Move Forgery Detection Using Wavelet Coefficients Multiscale Decay. Lecture Notes in Computer Science, 2019, , 469-480.	1.3	1
11	On the time-frequency reassignment of interfering modes in multicomponent FM signals. , 2018, , .		8
12	An entropy-based approach for shape description. , 2018, , .		4
13	A CSF-Based Preprocessing Method for Image Deblurring. Lecture Notes in Computer Science, 2017, , 602-614.	1.3	2
14	Jensen Shannon Divergence as Reduced Reference Measure for Image Denoising. Lecture Notes in Computer Science, 2016, , 311-323.	1.3	1
15	A robust perception based method for iris tracking. Pattern Recognition Letters, 2015, 57, 74-80.	4.2	5
16	Adaptive Scale Selection for Multiscale Image Denoising. Lecture Notes in Computer Science, 2015, , 81-92.	1.3	2
17	An Improvement of Kernel-Based Object Tracking Based on Human Perception. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 1474-1485.	9.3	26
18	Speed up of Video Enhancement based on Human Perception. Signal, Image and Video Processing, 2014, 8, 1199-1209.	2.7	1

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19	Special issue on human vision and information theory. Signal, Image and Video Processing, 2013, 7, 389-390.	2.7	11
20	Jensenâ€"Shannon divergence for visual quality assessment. Signal, Image and Video Processing, 2013, 7, 411-421.	2.7	15
21	Evaluation of degraded images using adaptive Jensen-Shannon divergence. , 2013, , .		5
22	Semi-transparent blotches removal from sepia images exploiting visibility laws. Signal, Image and Video Processing, 2013, 7, 11-26.	2.7	12
23	Perceptual object tracking. , 2012, , .		5
24	Time-Scale Similarities for Robust Image De-noising. Journal of Mathematical Imaging and Vision, 2012, 44, 52-64.	1.3	4
25	On the Equivalence Between Jensenâ€"Shannon Divergence and Michelson Contrast. IEEE Transactions on Information Theory, 2012, 58, 4278-4288.	2.4	17
26	Time-Scale Atoms Chains for Transients Detection in Audio Signals. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 420-433.	3.2	11
27	Local Sorting for Adaptive Signal Regularization. IEEE Signal Processing Letters, 2010, 17, 691-694.	3.6	1
28	A fast computation method for time scale signal denoising. Signal, Image and Video Processing, 2009, 3, 63-83.	2.7	22
29	Perception measures for digital restoration of semi-transparent blotches. Proceedings of SPIE, 2008, , .	0.8	0
30	Removal of Color Scratches from Old Motion Picture Films Exploiting Human Perception. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.7	6
31	Image Denoising Using Similarities in the Time-Scale Plane. Lecture Notes in Computer Science, 2008, , 368-379.	1.3	0
32	A Fast Scheme for Multiscale Signal Denoising. Lecture Notes in Computer Science, 2008, , 23-32.	1.3	0
33	Computer-aided monitoring ofÂbuildings ofÂhistorical importance based onÂcolor. Journal of Cultural Heritage, 2006, 7, 85-91.	3.3	9
34	Wavelet-based signal de-noising via simple singularities approximation. Signal Processing, 2006, 86, 859-876.	3.7	57
35	Time-Scale Dependencies for Image Compression. Journal of Multimedia, 2006, 1, .	0.3	3
36	Fractal Encoding. Advances in Imaging and Electron Physics, 2005, 134, 113-179.	0.2	0

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37	Surface recovery by self shading projection. Signal Processing, 2004, 84, 467-473.	3.7	1
38	Exploiting light projection for Shape from Shading. Applied Numerical Mathematics, 2004, 51, 535-548.	2.1	2
39	A Generalized Model for Scratch Detection. IEEE Transactions on Image Processing, 2004, 13, 44-50.	9.8	83
40	Surface analysis of stone materials integrating spatial data and computer vision techniques. Journal of Cultural Heritage, 2003, 4, 117-125.	3.3	6
41	Speed Up of Shape from Shading Using Graduated Non-convexity. Lecture Notes in Computer Science, 2003, , 504-513.	1.3	2
42	Fast Image Segmentation under Noise. Combinatorial Optimization, 2003, , 617-646.	0.7	0
43	Numerical analysis of oscillations in a nonconvex problem related to image selective smoothing. Journal of Computational and Applied Mathematics, 2001, 136, 123-133.	2.0	8
44	Computer aided analysis of the buildings. Journal of Cultural Heritage, 2000, 1, 59-67.	3.3	12
45	A Hierarchical Representation for Content-based Image Retrieval. Journal of Visual Languages and Computing, 2000, 11, 369-382.	1.8	10
46	A parallel implementation of image coding using linear prediction and iterated function systems. Lecture Notes in Computer Science, 1996, , 147-150.	1.3	0
47	Methods and Perspectives in Face Tracking Based on Human Perception. Advances in Computational Intelligence and Robotics Book Series, 0, , 289-315.	0.4	0
48	Methods and Perspectives in Face Tracking Based on Human Perception. , 0, , 540-566.		0