

Mehran Yazdi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6649359/publications.pdf>

Version: 2024-02-01

92
papers

1,299
citations

623188

14
h-index

414034

32
g-index

92
all docs

92
docs citations

92
times ranked

1422
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time object tracking based on sparse representation and adaptive particle drawing. Visual Computer, 2022, 38, 849-869.	2.5	5
2	Classification of autism spectrum disorders individuals and controls using phase and envelope features from resting-state fMRI data. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2022, 10, 55-66.	1.3	3
3	Hyperspectral Image Denoising Based on Superpixel Segmentation Low-Rank Matrix Approximation and Total Variation. Circuits, Systems, and Signal Processing, 2022, 41, 3372-3396.	1.2	4
4	Astute, fine and fast method of iris segmentation in unlimited circumstances. Neural Computing and Applications, 2021, 33, 10961.	3.2	1
5	Real-time crowd behavior recognition in surveillance videos based on deep learning methods. Journal of Real-Time Image Processing, 2021, 18, 1669-1679.	2.2	7
6	A New Semantic and Statistical Distance-Based Anomaly Detection in Crowd Video Surveillance. Wireless Communications and Mobile Computing, 2021, 2021, 1-9.	0.8	3
7	Performance Improvement in Brain Tumor Detection in MRI Images Using a Combination of Evolutionary Algorithms and Active Contour Method. Journal of Digital Imaging, 2021, 34, 1209-1224.	1.6	9
8	Alzheimer Disease Diagnosis from fMRI Images Based on Latent Low Rank Features and Support Vector Machine (SVM). Current Signal Transduction Therapy, 2021, 16, 171-177.	0.3	6
9	An EKF-SVM machine learning-based approach for fault detection and classification in three-phase power transformers. IET Science, Measurement and Technology, 2021, 15, 130-142.	0.9	14
10	An ECG classification based on modified local binary patterns: a novel approach. Research on Biomedical Engineering, 2021, 37, 617-630.	1.5	1
11	Real-time object tracking based on an adaptive transition model and extended Kalman filter to handle full occlusion. Visual Computer, 2020, 36, 701-715.	2.5	11
12	Exploiting object features in deep gaze prediction models. Journal of Visual Communication and Image Representation, 2020, 73, 102931.	1.7	2
13	Multiclass histology image retrieval, classification using Riesz transform and local binary pattern features. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2020, 8, 595-607.	1.3	5
14	Numerical Performance Analysis of Terahertz Spectroscopy Using an Ultra-Sensitive Resonance-Based Sensor. Frontiers in Physics, 2020, 8, .	1.0	2
15	A Systematic Training Procedure for Viola-Jones Face Detector in Heterogeneous Computing Architecture. Journal of Grid Computing, 2020, 18, 847-862.	2.5	8
16	A New Optimized Thresholding Method Using Ant Colony Algorithm for MR Brain Image Segmentation. Journal of Digital Imaging, 2019, 32, 162-174.	1.6	52
17	Robust cascaded skin detector based on AdaBoost. Multimedia Tools and Applications, 2019, 78, 2599-2620.	2.6	39
18	Face image super-resolution via sparse representation and wavelet transform. Signal, Image and Video Processing, 2019, 13, 79-86.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Classification of the Air Quality Level based on Analysis of the Sky Images. , 2019, , .		4
20	Skewed alpha-stable distribution for natural texture modeling and segmentation in contourlet domain. Eurasip Journal on Image and Video Processing, 2019, 2019, .	1.7	1
21	Enhanced Ultra-Sensitive Metamaterial Resonance Sensor based on Double Corrugated Metal stripe for Terahertz Sensing. Scientific Reports, 2019, 9, 7516.	1.6	31
22	Heterogeneity-Aware Local Binary Patterns for Retrieval of Histopathology Images. IEEE Access, 2019, 7, 18354-18367.	2.6	33
23	Dynamic and Static Functional Network Connectivity Analysis in Autism: A Resting State fMRI Analysis. , 2019, , .		2
24	Instantaneous fMRI based cerebral parameters for automatic Alzheimer, mild cognitive impairment and healthy subject classification. Journal of Integrative Neuroscience, 2019, 18, 261.	0.8	1
25	A lossless data hiding scheme for medical images using a hybrid solution based on IBRW error histogram computation and quartered interpolation with greedy weights. Neural Computing and Applications, 2018, 30, 2017-2028.	3.2	39
26	New trends on moving object detection in video images captured by a moving camera: A survey. Computer Science Review, 2018, 28, 157-177.	10.2	172
27	Design of a Pulsed-Terahertz Photoconductive Antenna for Spectroscopy Applications. , 2018, , .		2
28	Biologically inspired makeup detection system with application in face recognition. IET Biometrics, 2018, 7, 530-535.	1.6	8
29	Persian logo recognition using local binary patterns. , 2017, , .		3
30	Superpixel tracking using Kalman filter. , 2017, , .		1
31	Soccer Video Structure Analysis by Parallel Feature Fusion Network and Hidden-to-Observable Transferring Markov Model. IEEE Access, 2017, 5, 27322-27336.	2.6	13
32	Metal artifact reduction in spiral fan-beam CT using a new sinogram segmentation scheme. Journal of X-Ray Science and Technology, 2017, 25, 737-749.	0.7	4
33	Combining real-valued and binary Gabor-Radon features for classification and search in medical imaging archives. , 2017, , .		3
34	An Efficient Training Procedure for Viola-Jones Face Detector. , 2017, , .		14
35	Metal Artifact Reduction in Dental Computed Tomography Images Based on Sinogram Segmentation Using Curvelet Transform Followed by Hough Transform. Journal of Medical Signals and Sensors, 2017, 7, 145-152.	0.5	0
36	Shot boundary detection with effective prediction of transitions' positions and spans by use of classifiers and adaptive thresholds. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
37	Automatic segmentation of multiple sclerosis lesions in brain MRI using constrained GMM and genetic algorithm. , 2016, , .		8
38	A new fast method for foggy image enhancement. , 2016, , .		6
39	Improved IHS Pan-Sharpener Method Based on Adaptive Injection of \hat{A} trous Wavelet Decomposition. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2016, 9, 291-308.	0.2	6
40	Robust skin detector based on AdaBoost and statistical luminance features. , 2015, , .		8
41	Modifying ARPS method by use of global motion information for fast and precise motion estimation. , 2015, , .		0
42	Regularized least-square object tracking based on \hat{a} ," $2,1$ minimization. , 2015, , .		2
43	Quality enhancement of low-resolution face images. , 2015, , .		1
44	A coarse to fine procedure for very precise and fast subpixel image registration in frequency domain. , 2015, , .		1
45	A new hybrid algorithm for speckle noise reduction of SAR images based on mean-median filter and SRAD method. , 2015, , .		12
46	Fast and robust L0-tracker using compressive sensing. , 2015, , .		0
47	Fast object tracking with long-term occlusions handling in dynamic scenes. , 2014, , .		2
48	Block-Wise Background Subtraction Based on Gaussian Mixture Models. Applied Mechanics and Materials, 2014, 490-491, 1221-1227.	0.2	0
49	Robust approach for people detection and tracking by stereo vision. , 2014, , .		1
50	A new edge-preserving algorithm based on the CIE- Lu''v'' color space for color contrast enhancement. Turkish Journal of Electrical Engineering and Computer Sciences, 2014, 22, 990-1006.	0.9	2
51	Vision-based calibration of a Hexa parallel robot. Industrial Robot, 2014, 41, 296-310.	1.2	10
52	SMOR: A Semantic Multi-View Object Representation System in 2D Image Sequences. Arabian Journal for Science and Engineering, 2014, 39, 997-1005.	1.1	0
53	Automated segmentation of concrete images into microstructures: A comparative study. Computers and Concrete, 2014, 14, 315-325.	0.7	5
54	An efficient algorithm for function optimization: modified stem cells algorithm. Open Engineering, 2013, 3, 36-50.	0.7	17

#	ARTICLE	IF	CITATIONS
55	A New Image Texture Segmentation Based on Contourlet Fractal Features. Arabian Journal for Science and Engineering, 2013, 38, 3437-3449.	1.1	6
56	An Effective Method for Segmentation of MR Brain Images Using the Ant Colony Optimization Algorithm. Journal of Digital Imaging, 2013, 26, 1116-1123.	1.6	26
57	A robust clustering method based on blind, naked mole-rats (BNMR) algorithm. Swarm and Evolutionary Computation, 2013, 10, 1-11.	4.5	24
58	A block matching based method for moving object detection in active camera. , 2013, , .		3
59	An efficient image fusion method based on dual tree complex wavelet transform. , 2013, , .		13
60	SU-E-J-104: Developing a New Automatic Fast Algorithm for Recognizing the Seed Positions in Permanent Brachytherapy of Prostate. Medical Physics, 2013, 40, 174-174.	1.6	0
61	Detection of epileptic seizure using wireless sensor networks. Journal of Medical Signals and Sensors, 2013, 3, 63-8.	0.5	7
62	Compression of Hyperspectral Images Using Discrete Wavelet Transform and Tucker Decomposition. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 444-450.	2.3	119
63	Hyperspectral image compression using 3D discrete cosine transform and support vector machine learning. , 2012, , .		11
64	Enhanced real-time mean shift tracking by addressing object occlusion in IR imaging. , 2012, , .		1
65	A powerful and efficient evolutionary optimization algorithm based on stem cells algorithm for data clustering. Open Computer Science, 2012, 2, 47-59.	1.3	8
66	Stem Cells Optimization Algorithm. Lecture Notes in Computer Science, 2012, , 394-403.	1.0	12
67	Panchromatic and Multispectral Image Fusion Based on Maximization of Both Spectral and Spatial Similarities. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 1976-1985.	2.7	90
68	Hyperspectral image compression based on tucker decomposition and wavelet transform. , 2011, , .		7
69	Noise Reduction of Hyperspectral Images Using Kernel Non-Negative Tucker Decomposition. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 487-493.	7.3	82
70	Remote sensing image fusion using Gramian as a rule of fusion. International Journal of Electronics, 2011, 98, 279-287.	0.9	5
71	An opposite view data replacement approach for reducing artifacts due to metallic dental objects. Medical Physics, 2011, 38, 2275-2281.	1.6	22
72	Log-Spectrum based RSTB invariant template matching with modified ICA. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
73	Recognizing Persian license plates in digital zoom condition. , 2010, , .		1
74	Hyperspectral image compression based on Tucker Decomposition and Discrete Cosine Transform. , 2010, , .		10
75	Fusion of panchromatic and multispectral images using temporal Fourier transform. IET Image Processing, 2010, 4, 255.	1.4	4
76	Segmentation of MR brain images using FCM improved by artificial bee colony (ABC) algorithm. , 2010, , .		21
77	Best rank-r tensor selection using Genetic Algorithm for better noise reduction and compression of Hyperspectral images. , 2010, , .		7
78	Stationary image resolution enhancement on the basis of contourlet and wavelet transforms by means of the artificial neural network. , 2010, , .		2
79	Novel image registration method using gradient based algorithm along with multi-resolution wavelet transform. , 2010, , .		1
80	A new scheme of face image encoding through wireless fading channels using WBCT and Block thresholding. , 2010, , .		1
81	A Novel Image Fusion Method Using Curvelet Transform Based on Linear Dependency Test. , 2009, , .		16
82	Automatic identification of needle's entrance point and angle in Vertebroplasty. , 2009, , .		0
83	Steel Surface Defect Detection Using Texture Segmentation Based on Multifractal Dimension. , 2009, , .		33
84	Astrophysical Image Separation Using Independent Component Analysis. , 2009, , .		3
85	A new approach in super resolution based on an adaptive regularization parameter. , 2008, , .		2
86	A novel approach for reducing metal artifacts due to metallic dental implants. , 2006, , .		11
87	An Adaptive Watermarking Scheme Based on Morphological Binary Wavelet Decomposition. , 2006, , .		2
88	SU-EE-A4-06: A Novel Approach for Metal Artifacts Reduction Due to Tooth Filling. Medical Physics, 2006, 33, 1996-1996.	1.6	0
89	Detection of cyclic human activities based on the morphological analysis of the inter-frame similarity matrix. Real Time Imaging, 2005, 11, 219-232.	1.6	1
90	An adaptive approach to metal artifact reduction in helical computed tomography for radiation therapy treatment planning: Experimental and clinical studies. International Journal of Radiation Oncology Biology Physics, 2005, 62, 1224-1231.	0.4	142

#	ARTICLE	IF	CITATIONS
91	INTER-FRAME PREDICTION OF MEDICAL AND VIDEOPHONE SEQUENCES: A DEFORMABLE TRIANGLE-BASED APPROACH. International Journal of Image and Graphics, 2004, 04, 453-467.	1.2	0
92	Morphological analysis of spatio-temporal patterns for the segmentation of cyclic human activities. , 2004, , .		1