

George Bebis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

2,849
citations

22
h-index

53
g-index

73
ext. papers

3,440
ext. citations

3.2
avg. IF

5.11
L-index

#	Paper	IF	Citations
67	Cross-Sensor Fingerprint Matching Using Siamese Network and Adversarial Learning. <i>Sensors</i> , 2021 , 21,	3.8	2
66	A Novel Method for Cancer Subtyping and Risk Prediction Using Consensus Factor Analysis. <i>Frontiers in Oncology</i> , 2020 , 10, 1052	5.3	6
65	Horizon line detection using supervised learning and edge cues. <i>Computer Vision and Image Understanding</i> , 2020 , 191, 102879	4.3	2
64	Crater Detection Using Unsupervised Algorithms and Convolutional Neural Networks. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 5373-5383	8.1	11
63	A comparison of different Gabor feature extraction approaches for mass classification in mammography. <i>Multimedia Tools and Applications</i> , 2017 , 76, 33-57	2.5	36
62	Passive detection of image forgery using DCT and local binary pattern. <i>Signal, Image and Video Processing</i> , 2017 , 11, 81-88	1.6	63
61	On Crater Verification Using Mislocalized Crater Regions 2017 ,		4
60	Biometric Template Protection Using Spiral Cube: Performance and Security Analysis. <i>International Journal on Artificial Intelligence Tools</i> , 2016 , 25, 1550027	0.9	3
59	A compact task representation for hierarchical robot control 2016 ,		6
58	Optimized Gabor features for mass classification in mammography. <i>Applied Soft Computing Journal</i> , 2016 , 44, 267-280	7.5	30
57	Genetic feature selection for gait recognition. <i>Journal of Electronic Imaging</i> , 2015 , 24, 013036	0.7	16
56	Evaluation of Image Forgery Detection Using Multi-Scale Weber Local Descriptors. <i>International Journal on Artificial Intelligence Tools</i> , 2015 , 24, 1540016	0.9	24
55	Coupling Dynamic Programming with Machine Learning for Horizon Line Detection. <i>International Journal on Artificial Intelligence Tools</i> , 2015 , 24, 1540018	0.9	7
54	Fusion of edge-less and edge-based approaches for horizon line detection 2015 ,		7
53	An Edge-Less Approach to Horizon Line Detection 2015 ,		10
52	Image forgery detection using steerable pyramid transform and local binary pattern. <i>Machine Vision and Applications</i> , 2014 , 25, 985-995	2.8	117
51	A CUDA Based Implementation of Locally-and Feature-Adaptive Diffusion Based Image Denoising Algorithm 2014 ,		3

50	Comparison between WLD and LBP descriptors for non-intrusive image forgery detection 2014,		12
49	Fast spatio-temporal stereo for intelligent transportation systems. <i>Pattern Analysis and Applications</i> , 2014 , 17, 211-221	2.3	12
48	Accurate and robust localization of duplicated region in copy-move image forgery. <i>Machine Vision and Applications</i> , 2014 , 25, 451-475	2.8	38
47	Vehicle Detection Using Probabilistic Fusion. <i>Arabian Journal for Science and Engineering</i> , 2013 , 38, 2693-2701	0	0
46	UNSUPERVISED DISCOVERY OF VISUAL FACE CATEGORIES. <i>International Journal on Artificial Intelligence Tools</i> , 2013 , 22, 1250029	0.9	2
45	Curvelet Transform and Local Texture Based Image Forgery Detection. <i>Lecture Notes in Computer Science</i> , 2013 , 503-512	0.9	14
44	Gender recognition from faces using bandlet and local binary patterns 2013,		3
43	Copy-Move Image Forgery Detection Using Local Binary Pattern and Neighborhood Clustering 2013		7
42	Copy move image forgery detection method using steerable pyramid transform and texture descriptor 2013,		12
41	Splicing image forgery detection based on DCT and Local Binary Pattern 2013,		30
40	Improving the detection and localization of duplicated regions in copy-move image forgery 2013,		7
39	A supervised machine learning approach to classify host roles on line using sFlow 2013,		10
38	Image forgery detection using multi-resolution Weber local descriptors 2013,		15
37	A survey of network flow applications. <i>Journal of Network and Computer Applications</i> , 2013 , 36, 567-581	7.9	125
36	Copy-Move Image Forgery Detection Using Multi-Resolution Weber Descriptors 2012,		5
35	Face Recognition Using Multiscale and Spatially Enhanced Weber Law Descriptor 2012,		5
34	Passive copy move image forgery detection using undecimated dyadic wavelet transform. <i>Digital Investigation</i> , 2012 , 9, 49-57	3.3	131
33	A Comparison of Different Gabor Features for Mass Classification in Mammography 2012,		6

32	RACE CLASSIFICATION FROM FACE IMAGES USING LOCAL DESCRIPTORS. <i>International Journal on Artificial Intelligence Tools</i> , 2012 , 21, 1250019	0.9	20
31	Automatic Segmentation and Quantification of Filamentous Structures in Electron Tomography 2012 , 2012, 170-177		5
30	Mass Detection in Digital Mammograms Using Optimized Gabor Filter Bank. <i>Lecture Notes in Computer Science</i> , 2012 , 82-91	0.9	2
29	Blind copy move image forgery detection using dyadic undecimated wavelet transform 2011 ,		17
28	A real-time spatio-temporal stereo matching for road applications 2011 ,		6
27	Temporal consistent fast stereo matching for advanced driver assistance systems (ADAS) 2010 ,		8
26	A comparative study on feature extraction for fingerprint classification and performance improvements using rank-level fusion. <i>Pattern Analysis and Applications</i> , 2010 , 13, 263-272	2.3	25
25	Improving hand-based verification through online finger template update based on fused confidences 2009 ,		4
24	Improving target detection by coupling it with tracking. <i>Machine Vision and Applications</i> , 2009 , 20, 205-223		15
23	Non-parametric statistical background modeling for efficient foreground region detection. <i>Machine Vision and Applications</i> , 2009 , 20, 395-409	2.8	45
22	Global hand pose estimation by multiple camera ellipse tracking. <i>Machine Vision and Applications</i> , 2009 , 21, 1-15	2.8	12
21	Integrating perceptual level of detail with head-pose estimation and its uncertainty. <i>Machine Vision and Applications</i> , 2009 , 21, 69-83	2.8	
20	Hand-based verification and identification using palm/finger segmentation and fusion. <i>Computer Vision and Image Understanding</i> , 2009 , 113, 477-501	4.3	24
19	Face Recognition, Thermal 2009 , 359-365		
18	3-D object recognition using 2-D views. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 2236-55	8.7	27
17	Gender classification from hand shape 2008 ,		27
16	A SUPPORT VECTOR DATA DESCRIPTION APPROACH FOR BACKGROUND MODELING IN VIDEOS WITH QUASI-STATIONARY BACKGROUNDS. <i>International Journal on Artificial Intelligence Tools</i> , 2008 , 17, 635-658	0.9	8
15	AN ARCHITECTURE FOR UNDERSTANDING INTENT USING A NOVEL HIDDEN MARKOV FORMULATION. <i>International Journal of Humanoid Robotics</i> , 2008 , 05, 203-224	1.2	14

14	Feature Fusion Hierarchies for gender classification 2008 ,		8
13	Vision-based hand pose estimation: A review. <i>Computer Vision and Image Understanding</i> , 2007 , 108, 52-73	4.3	535
12	RECOGNIZING SIMPLE HUMAN ACTIONS USING 3D HEAD MOVEMENT. <i>Computational Intelligence</i> , 2007 , 23, 484-496	2.5	6
11	Minutiae-Based Template Synthesis and Matching Using Hierarchical Delaunay Triangulations 2007 ,		9
10	A Component-Based Approach to Hand Verification 2007 ,		4
9	Monocular precrash vehicle detection: features and classifiers. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 2019-34	8.7	149
8	On-road vehicle detection: a review. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006 , 28, 694-711	13.3	645
7	Face recognition by fusing thermal infrared and visible imagery. <i>Image and Vision Computing</i> , 2006 , 24, 727-742	3.7	144
6	Global Hand Pose Estimation by Multiple Camera Ellipse Tracking. <i>Lecture Notes in Computer Science</i> , 2006 , 122-132	0.9	2
5	Visual Hull Construction Using Adaptive Sampling 2005 ,		10
4	Object detection using feature subset selection. <i>Pattern Recognition</i> , 2004 , 37, 2165-2176	7.7	175
3	Fusion of Infrared and Visible Images for Face Recognition. <i>Lecture Notes in Computer Science</i> , 2004 , 456-468	0.9	29
2	Face Detection in the Near-IR Spectrum. <i>Image and Vision Computing</i> , 2003 , 21, 565-578	3.7	69
1	FACE DETECTION AND VERIFICATION USING GENETIC SEARCH. <i>International Journal on Artificial Intelligence Tools</i> , 2000 , 09, 225-246	0.9	23