

George Bebis

List of Publications by Citations

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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	On-road vehicle detection: a review. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006 , 28, 694-711	13.3	645
66	Vision-based hand pose estimation: A review. <i>Computer Vision and Image Understanding</i> , 2007 , 108, 52-73	4.3	535
65	Object detection using feature subset selection. <i>Pattern Recognition</i> , 2004 , 37, 2165-2176	7.7	175
64	Monocular precrash vehicle detection: features and classifiers. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 2019-34	8.7	149
63	Face recognition by fusing thermal infrared and visible imagery. <i>Image and Vision Computing</i> , 2006 , 24, 727-742	3.7	144
62	Passive copy move image forgery detection using undecimated dyadic wavelet transform. <i>Digital Investigation</i> , 2012 , 9, 49-57	3.3	131
61	A survey of network flow applications. <i>Journal of Network and Computer Applications</i> , 2013 , 36, 567-581	7.9	125
60	Image forgery detection using steerable pyramid transform and local binary pattern. <i>Machine Vision and Applications</i> , 2014 , 25, 985-995	2.8	117
59	Face Detection in the Near-IR Spectrum. <i>Image and Vision Computing</i> , 2003 , 21, 565-578	3.7	69
58	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
57	Non-parametric statistical background modeling for efficient foreground region detection. <i>Machine Vision and Applications</i> , 2009 , 20, 395-409	2.8	45
56	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
55	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
54	Splicing image forgery detection based on DCT and Local Binary Pattern 2013 ,		30
53	Optimized Gabor features for mass classification in mammography. <i>Applied Soft Computing Journal</i> , 2016 , 44, 267-280	7.5	30
52	Fusion of Infrared and Visible Images for Face Recognition. <i>Lecture Notes in Computer Science</i> , 2004 , 456-468	0.9	29
51	3-D object recognition using 2-D views. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 2236-55	8.7	27

50	Gender classification from hand shape 2008 ,		27
49	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
48	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
47	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
46	FACE DETECTION AND VERIFICATION USING GENETIC SEARCH. <i>International Journal on Artificial Intelligence Tools</i> , 2000 , 09, 225-246	0.9	23
45	RACE CLASSIFICATION FROM FACE IMAGES USING LOCAL DESCRIPTORS. <i>International Journal on Artificial Intelligence Tools</i> , 2012 , 21, 1250019	0.9	20
44	Blind copy move image forgery detection using dyadic undecimated wavelet transform 2011 ,		17
43	Genetic feature selection for gait recognition. <i>Journal of Electronic Imaging</i> , 2015 , 24, 013036	0.7	16
42	Image forgery detection using multi-resolution Weber local descriptors 2013 ,		15
41	Improving target detection by coupling it with tracking. <i>Machine Vision and Applications</i> , 2009 , 20, 205-223		15
40	Curvelet Transform and Local Texture Based Image Forgery Detection. <i>Lecture Notes in Computer Science</i> , 2013 , 503-512	0.9	14
39	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
38	Comparison between WLD and LBP descriptors for non-intrusive image forgery detection 2014 ,		12
37	Fast spatio-temporal stereo for intelligent transportation systems. <i>Pattern Analysis and Applications</i> , 2014 , 17, 211-221	2.3	12
36	Copy move image forgery detection method using steerable pyramid transform and texture descriptor 2013 ,		12
35	Global hand pose estimation by multiple camera ellipse tracking. <i>Machine Vision and Applications</i> , 2009 , 21, 1-15	2.8	12
34	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
33	An Edge-Less Approach to Horizon Line Detection 2015 ,		10

32	A supervised machine learning approach to classify host roles on line using sFlow 2013 ,		10
31	Visual Hull Construction Using Adaptive Sampling 2005 ,		10
30	Minutiae-Based Template Synthesis and Matching Using Hierarchical Delaunay Triangulations 2007 ,		9
29	Temporal consistent fast stereo matching for advanced driver assistance systems (ADAS) 2010 ,		8
28	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
27	Feature Fusion Hierarchies for gender classification 2008 ,		8
26	Coupling Dynamic Programming with Machine Learning for Horizon Line Detection. <i>International Journal on Artificial Intelligence Tools</i> , 2015 , 24, 1540018	0.9	7
25	Copy-Move Image Forgery Detection Using Local Binary Pattern and Neighborhood Clustering 2013 ,		7
24	Fusion of edge-less and edge-based approaches for horizon line detection 2015 ,		7
23	Improving the detection and localization of duplicated regions in copy-move image forgery 2013 ,		7
22	A Novel Method for Cancer Subtyping and Risk Prediction Using Consensus Factor Analysis. <i>Frontiers in Oncology</i> , 2020 , 10, 1052	5.3	6
21	A Comparison of Different Gabor Features for Mass Classification in Mammography 2012 ,		6
20	A real-time spatio-temporal stereo matching for road applications 2011 ,		6
19	RECOGNIZING SIMPLE HUMAN ACTIONS USING 3D HEAD MOVEMENT. <i>Computational Intelligence</i> , 2007 , 23, 484-496	2.5	6
18	A compact task representation for hierarchical robot control 2016 ,		6
17	Copy-Move Image Forgery Detection Using Multi-Resolution Weber Descriptors 2012 ,		5
16	Face Recognition Using Multiscale and Spatially Enhanced Weber Law Descriptor 2012 ,		5
15	Automatic Segmentation and Quantification of Filamentous Structures in Electron Tomography 2012 , 2012, 170-177		5

14	On Crater Verification Using Mislocalized Crater Regions 2017 ,		4
13	Improving hand-based verification through online finger template update based on fused confidences 2009 ,		4
12	A Component-Based Approach to Hand Verification 2007 ,		4
11	Biometric Template Protection Using Spiral Cube: Performance and Security Analysis. <i>International Journal on Artificial Intelligence Tools</i> , 2016 , 25, 1550027	0.9	3
10	A CUDA Based Implementation of Locally-and Feature-Adaptive Diffusion Based Image Denoising Algorithm 2014 ,		3
9	Gender recognition from faces using bandlet and local binary patterns 2013 ,		3
8	UNSUPERVISED DISCOVERY OF VISUAL FACE CATEGORIES. <i>International Journal on Artificial Intelligence Tools</i> , 2013 , 22, 1250029	0.9	2
7	Mass Detection in Digital Mammograms Using Optimized Gabor Filter Bank. <i>Lecture Notes in Computer Science</i> , 2012 , 82-91	0.9	2
6	Horizon line detection using supervised learning and edge cues. <i>Computer Vision and Image Understanding</i> , 2020 , 191, 102879	4.3	2
5	Cross-Sensor Fingerprint Matching Using Siamese Network and Adversarial Learning. <i>Sensors</i> , 2021 , 21,	3.8	2
4	Global Hand Pose Estimation by Multiple Camera Ellipse Tracking. <i>Lecture Notes in Computer Science</i> , 2006 , 122-132	0.9	2
3	Vehicle Detection Using Probabilistic Fusion. <i>Arabian Journal for Science and Engineering</i> , 2013 , 38, 2693-2701		0
2	Integrating perceptual level of detail with head-pose estimation and its uncertainty. <i>Machine Vision and Applications</i> , 2009 , 21, 69-83	2.8	
1	Face Recognition, Thermal 2009 , 359-365		