

Cem Direkoglu

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.

34
papers

446
citations

9
h-index

20
g-index

37
ext. papers

616
ext. citations

2.4
avg, IF

4.36
L-index

#	Paper	IF	Citations
34	Review of MRI-based Brain Tumor Image Segmentation Using Deep Learning Methods. <i>Procedia Computer Science</i> , 2016 , 102, 317-324	1.6	264
33	Shape classification via image-based multiscale description. <i>Pattern Recognition</i> , 2011 , 44, 2134-2146	7.7	20
32	Team Activity Recognition in Sports. <i>Lecture Notes in Computer Science</i> , 2012 , 69-83	0.9	20
31	Abnormal crowd behavior detection using novel optical flow-based features 2017 ,		14
30	On Using Anisotropic Diffusion for Skeleton Extraction. <i>International Journal of Computer Vision</i> , 2012 , 100, 170-189	10.6	13
29	Abnormal Crowd Behavior Detection Using Motion Information Images and Convolutional Neural Networks. <i>IEEE Access</i> , 2020 , 8, 80408-80416	3.5	12
28	On Using Physical Analogies for Feature and Shape Extraction in Computer Vision. <i>Computer Journal</i> , 2011 , 54, 11-25	1.3	12
27	Moving-edge detection via heat flow analogy. <i>Pattern Recognition Letters</i> , 2011 , 32, 270-279	4.7	10
26	Action recognition based on sparse motion trajectories 2013 ,		9
25	An information retrieval approach to identifying infrequent events in surveillance video 2013 ,		7
24	A novel framework and concept-based semantic search Interface for abnormal crowd behaviour analysis in surveillance videos. <i>Multimedia Tools and Applications</i> , 2020 , 79, 17579-17617	2.5	6
23	Shape Extraction Via Heat Flow Analogy 2007 , 553-564		6
22	Temporal segmentation and recognition of team activities in sports. <i>Machine Vision and Applications</i> , 2018 , 29, 891-913	2.8	6
21	Player detection in field sports. <i>Machine Vision and Applications</i> , 2018 , 29, 187-206	2.8	5
20	Semantic annotation of surveillance videos for abnormal crowd behaviour search and analysis 2017 ,		5
19	Image-Based Multiscale Shape Description Using Gaussian Filter 2008 ,		5
18	Shape classification using multiscale Fourier-based description in 2-D space 2008 ,		4

17	An Evaluation of Local Action Descriptors for Human Action Classification in the Presence of Occlusion. <i>Lecture Notes in Computer Science</i> , 2014 , 56-67	0.9	4
16	Worldwide and Regional Forecasting of Coronavirus (Covid-19) Spread using a Deep Learning Model		4
15	Interactive surveillance event detection at TRECVID2012 2013 ,		3
14	Team behavior analysis in sports using the Poisson equation 2012 ,		3
13	Hybrid deep learning models for multivariate forecasting of global horizontal irradiation. <i>Neural Computing and Applications</i> ,1	4.8	3
12	Low Level Moving-Feature Extraction Via Heat Flow Analogy. <i>Lecture Notes in Computer Science</i> , 2006 , 243-252	0.9	3
11	Skeleton Extraction via Anisotropic Heat Flow 2010 ,		2
10	Sea Turtle Detection Using Faster R-CNN for Conservation Purpose. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 535-541	0.4	2
9	Sea Turtle Species Classification for Environmental Research and Conservation. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 580-587	0.4	2
8	Evaluation of Image Representations for Player Detection in Field Sports Using Convolutional Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 107-115	0.4	1
7	Review and evaluation of player detection methods in field sports. <i>Multimedia Tools and Applications</i> ,1	2.5	1
6	A survey of deep learning methods for multiple sclerosis identification using brain MRI images. <i>Neural Computing and Applications</i> ,1	4.8	0
5	On using an analogy to heat flow for shape extraction. <i>Pattern Analysis and Applications</i> , 2013 , 16, 125-139		
4	Automated shopping system using computer vision. <i>Multimedia Tools and Applications</i> , 2020 , 79, 30151-30161		
3	Deep neural network-based detection of pilgrims location in Holy Makkah. <i>International Journal of Communication Systems</i> ,e4792	1.7	
2	Prediction of Daily Solar Irradiation Using CNN and LSTM Networks. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 230-238	0.4	
1	Review of Place Recognition Approaches: Traditional and Deep Learning Methods. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 183-191	0.4	