

# Cem Direkoglu

## 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.

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	Prediction of Daily Solar Irradiation Using CNN and LSTM Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 230-238	0.4	
33	Review of Place Recognition Approaches: Traditional and Deep Learning Methods. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 183-191	0.4	
32	Abnormal Crowd Behavior Detection Using Motion Information Images and Convolutional Neural Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 80408-80416	3.5	12
31	A novel framework and concept-based semantic search Interface for abnormal crowd behaviour analysis in surveillance videos. <i>Multimedia Tools and Applications</i> , <b>2020</b> , 79, 17579-17617	2.5	6
30	Sea Turtle Detection Using Faster R-CNN for Conservation Purpose. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 535-541	0.4	2
29	Sea Turtle Species Classification for Environmental Research and Conservation. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 580-587	0.4	2
28	Automated shopping system using computer vision. <i>Multimedia Tools and Applications</i> , <b>2020</b> , 79, 30151-30161	3.5	16
27	Evaluation of Image Representations for Player Detection in Field Sports Using Convolutional Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 107-115	0.4	1
26	Player detection in field sports. <i>Machine Vision and Applications</i> , <b>2018</b> , 29, 187-206	2.8	5
25	Temporal segmentation and recognition of team activities in sports. <i>Machine Vision and Applications</i> , <b>2018</b> , 29, 891-913	2.8	6
24	Abnormal crowd behavior detection using novel optical flow-based features <b>2017</b> ,		14
23	Semantic annotation of surveillance videos for abnormal crowd behaviour search and analysis <b>2017</b> ,		5
22	Review of MRI-based Brain Tumor Image Segmentation Using Deep Learning Methods. <i>Procedia Computer Science</i> , <b>2016</b> , 102, 317-324	1.6	264
21	An Evaluation of Local Action Descriptors for Human Action Classification in the Presence of Occlusion. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 56-67	0.9	4
20	On using an analogy to heat flow for shape extraction. <i>Pattern Analysis and Applications</i> , <b>2013</b> , 16, 125-139,		
19	An information retrieval approach to identifying infrequent events in surveillance video <b>2013</b> ,		7
18	Interactive surveillance event detection at TRECVID2012 <b>2013</b> ,		3

17	Action recognition based on sparse motion trajectories <b>2013</b> ,		9
16	On Using Anisotropic Diffusion for Skeleton Extraction. <i>International Journal of Computer Vision</i> , <b>2012</b> , 100, 170-189	10.6	13
15	Team behavior analysis in sports using the Poisson equation <b>2012</b> ,		3
14	Team Activity Recognition in Sports. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 69-83	0.9	20
13	Shape classification via image-based multiscale description. <i>Pattern Recognition</i> , <b>2011</b> , 44, 2134-2146	7.7	20
12	Moving-edge detection via heat flow analogy. <i>Pattern Recognition Letters</i> , <b>2011</b> , 32, 270-279	4.7	10
11	On Using Physical Analogies for Feature and Shape Extraction in Computer Vision. <i>Computer Journal</i> , <b>2011</b> , 54, 11-25	1.3	12
10	Skeleton Extraction via Anisotropic Heat Flow <b>2010</b> ,		2
9	Image-Based Multiscale Shape Description Using Gaussian Filter <b>2008</b> ,		5
8	Shape classification using multiscale Fourier-based description in 2-D space <b>2008</b> ,		4
7	Shape Extraction Via Heat Flow Analogy <b>2007</b> , 553-564		6
6	Low Level Moving-Feature Extraction Via Heat Flow Analogy. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 243-252	0.9	3
5	Hybrid deep learning models for multivariate forecasting of global horizontal irradiation. <i>Neural Computing and Applications</i> ,1	4.8	3
4	Worldwide and Regional Forecasting of Coronavirus (Covid-19) Spread using a Deep Learning Model		4
3	Deep neural network-based detection of pilgrims location in Holy Makkah. <i>International Journal of Communication Systems</i> ,e4792	1.7	
2	Review and evaluation of player detection methods in field sports. <i>Multimedia Tools and Applications</i> ,1	2.5	1
1	A survey of deep learning methods for multiple sclerosis identification using brain MRI images. <i>Neural Computing and Applications</i> ,1	4.8	0