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Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Correcting writing errors in Turkish with a character-level neural language model**
BENLİĞİRAY B.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018,
(Full Text)
- II. **Facial Expression Recognition with FHOG Features**
Gacav C., BENLİĞİRAY B., ÖZKAN K., Topal C.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018,
(Full Text)
- III. **Dataset Augmentation for Accurate Object Detection**
Uysal M. C., Karapinar T., BENLİĞİRAY B., TOPAL C.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018,
(Full Text)
- IV. **Visualization of power lines recognized in aerial images using deep learning**
BENLİĞİRAY B., GEREK Ö. N.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018,
(Full Text)
- V. **GREEDY SEARCH FOR DESCRIPTIVE SPATIAL FACE FEATURES**
Gacav C., Benligiray B., Topal C.
IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Louisiana, United States Of
America, 5 - 09 March 2017, pp.1497-1501, (Full Text)
- VI. **HEp-2 Cell Classification using a Deep Neural Network Trained for Natural Image Classification**
BENLİĞİRAY B., ÇINAR AKAKIN H.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016,
pp.1361-1364, (Full Text)
- VII. **Combining Feature-based and Model-based Approaches For Robust Ellipse Detection**
Cakir H. I., BENLİĞİRAY B., TOPAL C.
24th European Signal Processing Conference (EUSIPCO), Budapest, Hungary, 28 August - 02 September 2016,
pp.2430-2434, (Full Text)
- VIII. **Blind Rectification of Radial Distortion by Line Straightness**
BENLİĞİRAY B., TOPAL C.
24th European Signal Processing Conference (EUSIPCO), Budapest, Hungary, 28 August - 02 September 2016,
pp.938-942, (Full Text)
- IX. **A Comparison of Classification Methods for Local Binary Patterns**
Kazak N., KOÇ M., BENLİĞİRAY B., TOPAL C.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016,
pp.805-808, (Full Text)
- X. **Sequential Forward Feature Selection for Facial Expression Recognition**
Gacav C., Benligiray B., Topal C.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1481-1484, (Full Text)

XI. Coin Recognition based on Geometric Features

BENLİGİRAY B., Cakir H. I., TOPAL C., Akinlar C.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1341, (Full Text)

XII. Lens distortion rectification using triangulation based interpolation

BENLİGİRAY B., TOPAL C.

11th International Symposium on Advances in Visual Computing , ISVC 2015, Las Vegas, United States Of America, 14 - 16 December 2015, vol.9475, pp.35-44, (Full Text)

XIII. Counting Turkish Coins with a Calibrated Camera

BENLİGİRAY B., Cakir H. I., TOPAL C., Akinlar C.

18th International Conference on Image Analysis and Processing (ICIAP), Genoa, Italy, 7 - 11 September 2015, vol.9280, pp.216-226, (Full Text)

XIV. A ROBUST CSS CORNER DETECTOR BASED ON THE TURNING ANGLE CURVATURE OF IMAGE GRADIENTS

TOPAL C., ÖZKAN K., BENLİGİRAY B., Akinlar C.

IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Vancouver, Canada, 26 - 31 May 2013, pp.1444-1448, (Full Text)

XV. Quantification of Projective Distortion for Fiducial Markers

BENLİGİRAY B., TOPAL C., Akinlar C., GENÇ Y.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013, (Full Text)

XVI. On the efficiency issues of virtual keyboard design

TOPAL C., BENLİGİRAY B., AKINLAR C.

2012 10th IEEE International Conference on Virtual Environments, Human-Computer Interfaces, and Measurement Systems, VECIMS 2012, Tianjin, China, 2 - 04 July 2012, pp.38-42, (Full Text)

XVII. Video-based Lane Detection Using a Fast Vanishing Point Estimation Method

BENLİGİRAY B., TOPAL C., Akinlar C.

14th IEEE International Symposium on Multimedia (ISM), Irvine, England, 10 - 12 December 2012, pp.348-351, (Full Text)