<table>
<thead>
<tr>
<th>No.</th>
<th>Authors</th>
<th>Article Title</th>
<th>Keywords</th>
<th>Vol./No./pp.</th>
<th>2020 Citation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bhatele, K.R., Bhadauria, S.S.</td>
<td>Glioma segmentation and classification of apple leaf diseases</td>
<td>image classification, deep convolutional networks, automated diagnosis</td>
<td>37, 6, 1019-1027</td>
<td><a href="https://doi.org/10.18280/ts.370614">https://doi.org/10.18280/ts.370614</a></td>
</tr>
<tr>
<td>2</td>
<td>Nobahar, A., Ghorbani, M.R., Hamidian, M.</td>
<td>Mitigating the interference caused by pilot contamination in multi-antenna systems using low density parity check codes in uplink scenario.</td>
<td>-mmWave communications, multiple-antenna systems, pilot contamination, low density parity check codes</td>
<td>37, 6, 1045-1054</td>
<td><a href="https://doi.org/10.18280/ts.370617">https://doi.org/10.18280/ts.370617</a></td>
</tr>
<tr>
<td>3</td>
<td>Hesham, S., Mokhtar, A., Ghaz, A.</td>
<td>Blind digital watermarking for digital waves reconstruction.</td>
<td>blind digital watermarking, imperceptible watermarking, 2D-CNN watermarking, bit error rate</td>
<td>37, 6, 1093-1101</td>
<td><a href="https://doi.org/10.18280/ts.370602">https://doi.org/10.18280/ts.370602</a></td>
</tr>
<tr>
<td>5</td>
<td>Chaudhry, M., Ghorbani, M.R., Hamidian, M.</td>
<td>Design and realization of a hyperchaotic memristive system for communication systems.</td>
<td>hyperchaotic system, memristive system, communication system, FPGA</td>
<td>37, 6, 929-937</td>
<td><a href="https://doi.org/10.18280/ts.370613">https://doi.org/10.18280/ts.370613</a></td>
</tr>
<tr>
<td>7</td>
<td>Toraman, S.</td>
<td>Preictal and interictal recognition for epileptic seizure prediction using pre-trained 2D-CNN models.</td>
<td>epilepsy, electroencephalogram, classification</td>
<td>37, 6, 1085-1091</td>
<td><a href="https://doi.org/10.18280/ts.370607">https://doi.org/10.18280/ts.370607</a></td>
</tr>
<tr>
<td>8</td>
<td>Zhang, J., Feng, M.Q., Wang, Y.</td>
<td>Automatic segmentation of remote sensing images on vehicle tracks based on image enhancement.</td>
<td>image enhancement, remote sensing image</td>
<td>37, 6, 881-888</td>
<td><a href="https://doi.org/10.18280/ts.370601">https://doi.org/10.18280/ts.370601</a></td>
</tr>
<tr>
<td>9</td>
<td>Vrtagić, S., Softić, E., Ponjavić, M., Stević, Ž.</td>
<td>Multiple linear regression of multi-class images in computational algorithms.</td>
<td>multiple linear regression, machine learning, biomedical image processing, EEG, epilepsy, biomedical image processing</td>
<td>37, 6, 899-906</td>
<td><a href="https://doi.org/10.18280/ts.370606">https://doi.org/10.18280/ts.370606</a></td>
</tr>
<tr>
<td>10</td>
<td>Li, Z., Han, L., Li, X.</td>
<td>A novel hybrid algorithm for source scanner identification using multi-frequency images and sparse representation.</td>
<td>boosting, classification, extreme learning machine with sparse classifier, fault diagnosis, image classification, spatial pyramid pooling</td>
<td>37, 6, 1085-1091</td>
<td><a href="https://doi.org/10.18280/ts.370607">https://doi.org/10.18280/ts.370607</a></td>
</tr>
<tr>
<td>12</td>
<td>Aydin, I., Kansu, S.</td>
<td>A novel hybrid algorithm for source scanner identification using multi-frequency images and sparse representation.</td>
<td>boosting, classification, extreme learning machine with sparse classifier, fault diagnosis, image classification, spatial pyramid pooling</td>
<td>37, 6, 1009-1018</td>
<td><a href="https://doi.org/10.18280/ts.370603">https://doi.org/10.18280/ts.370603</a></td>
</tr>
<tr>
<td>13</td>
<td>Nouioua, N., Seddiki, A., Ghaz, A.</td>
<td>Blind digital watermarking for digital waves reconstruction.</td>
<td>blind digital watermarking, imperceptible watermarking, 2D-CNN watermarking, bit error rate</td>
<td>37, 6, 1093-1101</td>
<td><a href="https://doi.org/10.18280/ts.370602">https://doi.org/10.18280/ts.370602</a></td>
</tr>
<tr>
<td>14</td>
<td>Li, Z., Han, L., Li, X.</td>
<td>A novel hybrid algorithm for source scanner identification using multi-frequency images and sparse representation.</td>
<td>boosting, classification, extreme learning machine with sparse classifier, fault diagnosis, image classification, spatial pyramid pooling</td>
<td>37, 6, 1009-1018</td>
<td><a href="https://doi.org/10.18280/ts.370603">https://doi.org/10.18280/ts.370603</a></td>
</tr>
<tr>
<td>15</td>
<td>Chaudhry, M., Ghorbani, M.R., Hamidian, M.</td>
<td>Design and realization of a hyperchaotic memristive system for communication systems on FPGA.</td>
<td>hyperchaotic system, memristive system, communication system, FPGA</td>
<td>37, 6, 929-937</td>
<td><a href="https://doi.org/10.18280/ts.370613">https://doi.org/10.18280/ts.370613</a></td>
</tr>
<tr>
<td>17</td>
<td>Zhang, J., Feng, M.Q., Wang, Y.</td>
<td>Automatic segmentation of remote sensing images on vehicle tracks based on image enhancement.</td>
<td>image enhancement, remote sensing image</td>
<td>37, 6, 881-888</td>
<td><a href="https://doi.org/10.18280/ts.370601">https://doi.org/10.18280/ts.370601</a></td>
</tr>
<tr>
<td>18</td>
<td>Vrtagić, S., Softić, E., Ponjavić, M., Stević, Ž.</td>
<td>Multiple linear regression of multi-class images in computational algorithms.</td>
<td>multiple linear regression, machine learning, biomedical image processing, EEG, epilepsy, biomedical image processing</td>
<td>37, 6, 899-906</td>
<td><a href="https://doi.org/10.18280/ts.370606">https://doi.org/10.18280/ts.370606</a></td>
</tr>
<tr>
<td>19</td>
<td>Li, Z., Han, L., Li, X.</td>
<td>A novel hybrid algorithm for source scanner identification using multi-frequency images and sparse representation.</td>
<td>boosting, classification, extreme learning machine with sparse classifier, fault diagnosis, image classification, spatial pyramid pooling</td>
<td>37, 6, 1009-1018</td>
<td><a href="https://doi.org/10.18280/ts.370603">https://doi.org/10.18280/ts.370603</a></td>
</tr>
<tr>
<td>20</td>
<td>Wang, T., Yang, S.Y., Cheniti, M.</td>
<td>A novel hybrid algorithm for source scanner identification using multi-frequency images and sparse representation.</td>
<td>boosting, classification, extreme learning machine with sparse classifier, fault diagnosis, image classification, spatial pyramid pooling</td>
<td>37, 6, 1009-1018</td>
<td><a href="https://doi.org/10.18280/ts.370603">https://doi.org/10.18280/ts.370603</a></td>
</tr>
</tbody>
</table>


Comparison of the effects of Mel coefficients and spectrogram images via deep learning in emotion classification

A novel potential method for determination of annual, winter and text soil images

An adaptive filtering algorithm for non-Gaussian signals in alpha stable distributions

An efficient illumination correction by using correction scheme for DSP processor

An innovative beam hardening correction method for computed tomography systems

An evaluation algorithm for the interoperability of global navigation satellite systems

A malicious webpage detection algorithm based on color object recognition

A comparative study of object classification methods using 3D Zernike moment on 3D print clouds

Chirped Time Delay Interpolation Algorithm for On-Chip Image Semantics

A novel method for brain tumor classification based on use of image semantics

Comparison of the effects of Mel coefficients and spectrogram images via deep learning in emotion classification
A novel brain magnetic resonance image segmentation method based on improved expectation maximization.

A novel target tracking method based on group manifold.

An improved fingerprinting image matching and machine fingerprint recognition algorithms.

Automatic ranking of image thresholding techniques using consensus of ground truth.

A new nuclear magnetic resonance image segmentation method based on improved expectation maximization.

A brain nuclear magnetic resonance image segmentation in almonds based on improved expectation maximization.

A novel visual target detection and tracking system.

A novel human behavior information coding method based on eye-tracking technology.

A brain nuclear magnetic resonance image segmentation method in almonds based on improved expectation maximization.

A novel asphalt pavement crack detection algorithm.