

Mohammad Ghazal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6724062/publications.pdf>

Version: 2024-02-01

193
papers

2,313
citations

304368

22
h-index

360668

35
g-index

196
all docs

196
docs citations

196
times ranked

1804
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Archaeological Feature Detection Using Deep Learning on Optical UAV Imagery: Preliminary Results. <i>Remote Sensing</i> , 2022, 14, 553.	1.8	11
2	The Role of Structure MRI in Diagnosing Autism. <i>Diagnostics</i> , 2022, 12, 165.	1.3	14
3	Effects of Random Switching Schemes on the EMI Levels of Conventional and Interleaved Buck Converters for Mobile Devices. <i>Electronics (Switzerland)</i> , 2022, 11, 306.	1.8	1
4	A New Framework for Precise Identification of Prostatic Adenocarcinoma. <i>Sensors</i> , 2022, 22, 1848.	2.1	9
5	A Novel Computer-Aided Diagnostic System for Early Detection of Diabetic Retinopathy Using 3D-OCT Higher-Order Spatial Appearance Model. <i>Diagnostics</i> , 2022, 12, 461.	1.3	30
6	The Role of 3D CT Imaging in the Accurate Diagnosis of Lung Function in Coronavirus Patients. <i>Diagnostics</i> , 2022, 12, 696.	1.3	9
7	Automated Diagnosis of Optical Coherence Tomography Angiography (OCTA) Based on Machine Learning Techniques. <i>Sensors</i> , 2022, 22, 2342.	2.1	8
8	How AI Can Help in the Diagnostic Dilemma of Pulmonary Nodules. <i>Cancers</i> , 2022, 14, 1840.	1.7	10
9	Texture and shape analysis of diffusion-weighted imaging for thyroid nodules classification using machine learning. <i>Medical Physics</i> , 2022, 49, 988-999.	1.6	14
10	Diabetic Retinopathy Diagnostic CAD System Using 3D-Oct Higher Order Spatial Appearance Model. , 2022, , .		2
11	The Role of Different Retinal Imaging Modalities in Predicting Progression of Diabetic Retinopathy: A Survey. <i>Sensors</i> , 2022, 22, 3490.	2.1	14
12	Segmentation of Infant Brain Using Nonnegative Matrix Factorization. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5377.	1.3	7
13	M-Government Smart Service using AI Chatbots: Evidence from the UAE. , 2022, , .		1
14	Extract image markers of autism using hierarchical feature selection technique. , 2021, , 333-343.		0
15	Computational methods for identifying left ventricle heart pathologies. , 2021, , 59-93.		0
16	Early identification of acute rejection for renal allografts: a machine learning approach. , 2021, , 197-218.		0
17	Identifying brain pathological abnormalities of autism for classification using diffusion tensor imaging. , 2021, , 361-376.		1
18	Early autism analysis and diagnosis system using task-based fMRI in a response to speech task. , 2021, , 345-359.		1

#	ARTICLE	IF	CITATIONS
19	Accurate identification of renal transplant rejection: convolutional neural networks and diffusion MRI. , 2021, , 91-115.		0
20	A novel technology to integrate imaging and clinical markers for non-invasive diagnosis of lung cancer. Scientific Reports, 2021, 11, 4597.	1.6	9
21	A novel 3D segmentation approach for extracting retinal layers from optical coherence tomography images. Medical Physics, 2021, 48, 1584-1595.	1.6	11
22	A robust DWTâ€œCNNâ€œbased CAD system for early diagnosis of autism using taskâ€œbased fMRI. Medical Physics, 2021, 48, 2315-2326.	1.6	25
23	A Deep-Learning Framework for the Detection of Oil Spills from SAR Data. Sensors, 2021, 21, 2351.	2.1	44
24	Role of AI and Histopathological Images in Detecting Prostate Cancer: A Survey. Sensors, 2021, 21, 2586.	2.1	26
25	A Novel Framework for Accurate and Non-Invasive Pulmonary Nodule Diagnosis by Integrating Texture and Contour Descriptors. , 2021, , .		1
26	Improving the Efficiency of Partially Shaded Photovoltaic Modules without Bypass Diodes. Electronics (Switzerland), 2021, 10, 1046.	1.8	2
27	A New Computer-Aided Diagnostic (Cad) System For Precise Identification Of Renal Tumors. , 2021, , .		4
28	Ringling Decay of Gamma Oscillations and Transcranial Magnetic Stimulation Therapy in Autism Spectrum Disorder. Applied Psychophysiology Biofeedback, 2021, 46, 161-173.	1.0	12
29	Autism Classification Using SMRI: A Recursive Features Selection Based on Sampling from Multi-Level High Dimensional Spaces. , 2021, , .		14
30	A Novel Dwt-Based Discriminant Features Extraction From Task-Based Fmri: An Asd Diagnosis Study Using Cnn. , 2021, , .		3
31	A Comprehensive Review of Retinal Vascular and Optical Nerve Diseases Based on Optical Coherence Tomography Angiography. Applied Sciences (Switzerland), 2021, 11, 4158.	1.3	2
32	A novel computer-aided diagnostic system for accurate detection and grading of liver tumors. Scientific Reports, 2021, 11, 13148.	1.6	24
33	Novel MRI-Based CAD System for Early Detection of Thyroid Cancer Using Multi-Input CNN. Sensors, 2021, 21, 3878.	2.1	18
34	Early assessment of lung function in coronavirus patients using invariant markers from chest X-rays images. Scientific Reports, 2021, 11, 12095.	1.6	15
35	A Comprehensive Computer-Assisted Diagnosis System for Early Assessment of Renal Cancer Tumors. Sensors, 2021, 21, 4928.	2.1	20
36	An Automated CAD System for Accurate Grading of Uveitis Using Optical Coherence Tomography Images. Sensors, 2021, 21, 5457.	2.1	5

#	ARTICLE	IF	CITATIONS
37	A Personalized Computer-Aided Diagnosis System for Mild Cognitive Impairment (MCI) Using Structural MRI (sMRI). <i>Sensors</i> , 2021, 21, 5416.	2.1	5
38	AI-Powered Service Robotics for Independent Shopping Experiences by Elderly and Disabled People. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9007.	1.3	3
39	A Novel Grading System for Autism Severity Level Using Task-Based Functional MRI: A Response to Speech Study. <i>IEEE Access</i> , 2021, 9, 100570-100582.	2.6	9
40	Left ventricle segmentation for cine MR using deep learning. , 2021, , 37-57.		0
41	A Novel Computer-Aided Diagnostic System for Early Assessment of Hepatocellular Carcinoma. , 2021, , .		6
42	Generic ESD Generator Model using Artificial Neural Network. , 2021, , .		0
43	Smartphone Handwritten Circuits Solver Using Augmented Reality and Capsule Deep Networks for Engineering Education. <i>Education Sciences</i> , 2021, 11, 661.	1.4	6
44	A Deep Learning Pipeline for Grade Groups Classification Using Digitized Prostate Biopsy Specimens. <i>Sensors</i> , 2021, 21, 6708.	2.1	11
45	A pyramidal deep learning pipeline for kidney whole-slide histology images classification. <i>Scientific Reports</i> , 2021, 11, 20189.	1.6	5
46	Autonomous Service Drones for Multimodal Detection and Monitoring of Archaeological Sites. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10424.	1.3	9
47	Towards Contactless Learning Activities during Pandemics Using Autonomous Service Robots. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10449.	1.3	4
48	Motion Tracked 3D Visualization System for Segmented ROI in Medical Imaging. , 2021, , .		1
49	Towards Urgent and Rapid Deployment of Contactless IoT Elevator Control Panel during Pandemics. , 2021, , .		0
50	The Role of Diffusion Tensor MR Imaging (DTI) of the Brain in Diagnosing Autism Spectrum Disorder: Promising Results. <i>Sensors</i> , 2021, 21, 8171.	2.1	13
51	Role of Optical Coherence Tomography Imaging in Predicting Progression of Age-Related Macular Disease: A Survey. <i>Diagnostics</i> , 2021, 11, 2313.	1.3	17
52	Train Wind Blasts Energy Harvesting for Sustainable Development. , 2021, , .		0
53	Sustainable Smart Advertisement Display Using Deep Age and Gender Recognition. , 2021, , .		4
54	Towards a Low-cost and Mobile System for Quarantine Tracking during Pandemics. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
55	A Sensorless Rotational Speed-Based Control System for Continuous Flow Left Ventricular Assist Devices. IEEE Transactions on Biomedical Engineering, 2020, 67, 1050-1060.	2.5	12
56	A novel computer-aided diagnosis system for the early detection of hypertension based on cerebrovascular alterations. NeuroImage: Clinical, 2020, 25, 102107.	1.4	15
57	Analysis Of The Importance Of Systolic Blood Pressure Versus Diastolic Blood Pressure In Diagnosing Hypertension: MRA Study. , 2020, , .		1
58	Cloud-Based Monitoring of Thermal Anomalies in Industrial Environments Using AI and the Internet of Robotic Things. Sensors, 2020, 20, 6348.	2.1	14
59	A Deep Learning-Based Cad System For Renal Allograft Assessment: Diffusion, Bold, And Clinical Biomarkers. , 2020, 2020, 355-359.		4
60	Precise Statistical Approach for Leaf Segmentation. , 2020, , .		3
61	Computer Aided Autism Diagnosis Using Diffusion Tensor Imaging. IEEE Access, 2020, 8, 191298-191308.	2.6	15
62	Personalized Computer-Aided Diagnosis for Mild Cognitive Impairment in Alzheimer's Disease Based on sMRI and ^{11}C PiB-PET Analysis. IEEE Access, 2020, 8, 218982-218996.	2.6	2
63	A Comprehensive Framework For Accurate Classification of Pulmonary Nodules. , 2020, , .		1
64	A convolutional neural network for the screening and staging of diabetic retinopathy. PLoS ONE, 2020, 15, e0233514.	1.1	71
65	Segmentation of retinal layers from OCT scans. , 2020, , 109-132.		1
66	Low-complexity computer-aided diagnosis for diabetic retinopathy. , 2020, , 133-149.		6
67	A noninvasive approach for the early detection of diabetic retinopathy. , 2020, , 205-228.		1
68	A Comprehensive Framework for Differentiating Autism Spectrum Disorder From Neurotypicals by Fusing Structural MRI and Resting State Functional MRI. Seminars in Pediatric Neurology, 2020, 34, 100805.	1.0	29
69	A multimodal computer-aided diagnostic system for precise identification of renal allograft rejection: Preliminary results. Medical Physics, 2020, 47, 2427-2440.	1.6	15
70	Effects of Transcranial Magnetic Stimulation Therapy on Evoked and Induced Gamma Oscillations in Children with Autism Spectrum Disorder. Brain Sciences, 2020, 10, 423.	1.1	26
71	Accurate Detection of Non-Proliferative Diabetic Retinopathy in Optical Coherence Tomography Images Using Convolutional Neural Networks. IEEE Access, 2020, 8, 34387-34397.	2.6	44
72	A deep learning-based approach for automatic segmentation and quantification of the left ventricle from cardiac cine MR images. Computerized Medical Imaging and Graphics, 2020, 81, 101717.	3.5	41

#	ARTICLE	IF	CITATIONS
73	Computer-aided diagnosis system based on a comprehensive local features analysis for early diabetic retinopathy detection using OCTA. , 2020, , 1-23.		1
74	Retinal diseases diagnosis based on optical coherence tomography angiography. , 2020, , 159-190.		0
75	Optical coherence tomography: A review. , 2020, , 191-221.		4
76	A Novel Framework for Grading Autism Severity Using Task-Based FMRI. , 2020, , .		11
77	Real-time Shadow Detection and Removal by Illumination Drop Point Analysis. , 2020, , .		0
78	Vision-based Approach for Automated Social Distance Violators Detection. , 2020, , .		16
79	Rapid Alternative Calibration Procedure of Reverberation Chamber Using Coupling Transfer Gain Function. , 2020, , .		0
80	Real-time Contact Tracing During a Pandemic using Multi-camera Video Object Tracking. , 2020, , .		2
81	Computer-Aided Diagnostic System for Early Detection of Acute Renal Transplant Rejection Using Diffusion-Weighted MRI. IEEE Transactions on Biomedical Engineering, 2019, 66, 539-552.	2.5	39
82	A Novel Framework for Early Detection of Hypertension using Magnetic Resonance Angiography. Scientific Reports, 2019, 9, 11105.	1.6	12
83	Diabetic Retinopathy Early Detection Based on OCT and OCTA Feature Fusion. , 2019, , .		4
84	Detecting Prostate Cancer Using A CNN-Based System Without Segmentation. , 2019, , .		4
85	Automated framework for accurate segmentation of leaf images for plant health assessment. Environmental Monitoring and Assessment, 2019, 191, 491.	1.3	16
86	Radiomic-Based Framework for Early Diagnosis of Lung Cancer. , 2019, , .		13
87	Chronic Wound Healing Assessment System Based on Different Features Modalities and Non-Negative Matrix Factorization (NMF) Feature Reduction. IEEE Access, 2019, 7, 80110-80121.	2.6	19
88	A Comparison between Google Cloud Service and iCloud. , 2019, , .		7
89	Early Signs Detection of Diabetic Retinopathy Using Optical Coherence Tomography Angiography Scans Based on 3D Multi-Path Convolutional Neural Network. , 2019, , .		8
90	A Personalized Autism Diagnosis CAD System Using a Fusion of Structural MRI and Resting-State Functional MRI Data. Frontiers in Psychiatry, 2019, 10, 392.	1.3	50

#	ARTICLE	IF	CITATIONS
91	A Novel CNN-Based CAD System for Early Assessment of Transplanted Kidney Dysfunction. Scientific Reports, 2019, 9, 5948.	1.6	54
92	Automatic Segmentation and Functional Assessment of the Left Ventricle using U-net Fully Convolutional Network. , 2019, , .		4
93	A New System for Lung Cancer Diagnosis based on the Integration of Global and Local CT Features. , 2019, , .		2
94	A Machine Learning Approach for Grading Autism Severity Levels Using Task-based Functional MRI. , 2019, , .		13
95	Autism Spectrum Disorder Diagnosis framework using Diffusion Tensor Imaging. , 2019, , .		7
96	Ensemble Learning of Blood Metabolic Biomarkers: A Novel CAD System of Heart Failure. , 2019, , .		2
97	Chronic Wound Healing Assessment System Based on Color and Texture Analysis. , 2019, , .		0
98	Localized Assistive Scene Understanding using Deep Learning and the IoT. , 2019, , .		2
99	Assessment of Motion Quality using an IoT-Based Wearable and Mobile Joint Flexion Sensors. , 2019, , .		0
100	Computer-Aided Diagnosis of Acute Myocardial Infarction using Time-Dependent Plasma Metabolites. , 2019, , .		2
101	A CAD System for the Early Prediction of Hypertension based on Changes in Cerebral Vasculature. , 2019, , .		1
102	Retinal Layers OCT Scans 3-D Segmentation. , 2019, , .		5
103	Diabetic Retinopathy Grading Using 3D Multi-path Convolutional Neural Network Based on Fusing Features from OCTA Scans, Demographic, and Clinical Biomarkers. , 2019, , .		4
104	Deep Learning Based Method for Computer Aided Diagnosis of Diabetic Retinopathy. , 2019, , .		39
105	An Accurate System for Prostate Cancer Localization from Diffusion-Weighted MRI. , 2019, , .		2
106	A Local/Regional Based CAD System for Early Diagnosis of Alzheimer's Disease Using sMRI Scans. , 2019, , .		0
107	A Novel CT-Based Descriptors for Precise Diagnosis of Pulmonary Nodules. , 2019, , .		5
108	Detecting and Localizing Prostate Cancer from Diffusion-Weighted Magnetic Resonance Imaging. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
109	Functional Magnetic Resonance Imaging Based Framework for Autism Diagnosis. , 2019, , .		5
110	A Novel Deep Learning Approach for Left Ventricle Automatic Segmentation in Cardiac Cine MR. , 2019, , .		4
111	Level sets-based image segmentation approach using statistical shape priors. Applied Mathematics and Computation, 2019, 340, 164-179.	1.4	23
112	Early Assessment of Acute Renal Rejection Post-transplantation: A Combined Imaging and Clinical Biomarkers Protocol. , 2018, , .		3
113	Automated Staging of Diabetic Retinopathy Using a 2D Convolutional Neural Network. , 2018, , .		10
114	Diabetic Retinopathy Early Detection Based on OCT and OCTA Feature Fusion. , 2018, , .		3
115	Athlete-Customized Injury Prediction using Training Load Statistical Records and Machine Learning. , 2018, , .		17
116	MRI Markers for Early Assessment of Bladder Cancer: A Review. , 2018, , .		4
117	A Computer-Aided System for Prostate Cancer Diagnosis. , 2018, , .		2
118	Predictive Biomarkers for Neoadjuvant Chemotherapy Response in Muscle-Invasive Bladder Cancer: A survey. , 2018, , .		0
119	Towards Accurate Personalized Autism Diagnosis Using Different Imaging Modalities: sMRI, fMRI, and DTI. , 2018, , .		8
120	A Significant Regional-based Diagnosis System for Early Detection of Alzheimerâ€™s Disease Using sMRI Scans. , 2018, , .		0
121	Hemodynamic Stimulation Using the Biomimetic Cardiac Tissue Model (BCTM) Enhances Maturation of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Cells Tissues Organs, 2018, 206, 82-94.	1.3	10
122	Predictive Biomarkers for Neoadjuvant Chemotherapy Response in Muscle-Invasive Bladder Cancer: A survey. , 2018, , .		1
123	Diabetic Retinopathy Early Detection Based on OCT and OCTA Feature Fusion. , 2018, , .		1
124	On The Integration of CT-Derived Features for Accurate Detection of Lung Cancer. , 2018, , .		8
125	Role of Integrating Diffusion Mr Image-Markers with Clinical-Biomarkers For Early Assessment of Renal Transplants. , 2018, , .		4
126	A Sensorless non-linear Control algorithm for Continuous Flow Right Ventricular Assist Devices. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
127	A Cortical Based Diagnosis System for MCI Based on sMRI Features Fusion. , 2018, , .		1
128	A Novel CAD System for Detecting Acute Rejection of Renal Allografts Based on Integrating Imaging-markers and Laboratory Biomarkers. , 2018, , .		4
129	An OCTA Based Diagnosis System Based on a Comprehensive Local Features Analysis for Early Diabetic Retinopathy Detection. , 2018, , .		5
130	A Novel MRA-Based Framework For Detecting Correlation Between Cerebrovascular Changes and Mean Arterial Pressure. , 2018, , .		4
131	Computer-Aided Diagnosis of Prostate Cancer on Diffusion Weighted Imaging: A Technical Review. , 2018, , .		4
132	A New Fast Framework for Early Detection of Prostate Cancer Without Prostate Segmentation. , 2018, , .		4
133	Significant Region-Based Framework for Early Diagnosis of Alzheimer's Disease Using 11C PiB-PET Scans. , 2018, , .		4
134	A New 3D CNN-based CAD System for Early Detection of Acute Renal Transplant Rejection. , 2018, , .		7
135	A Novel ADCs-Based CNN Classification System for Precise Diagnosis of Prostate Cancer. , 2018, , .		11
136	Early Diagnosis of Diabetic Retinopathy in OCTA Images Based on Local Analysis of Retinal Blood Vessels and Foveal Avascular Zone. , 2018, , .		8
137	Using resting state functional MRI to build a personalized autism diagnosis system. PLoS ONE, 2018, 13, e0206351.	1.1	49
138	Design and Implementation of a Mobile Device for Blood Glucose Level Assessment. , 2018, , .		0
139	A Generalized Deep Learning-Based Diagnostic System for Early Diagnosis of Various Types of Pulmonary Nodules. Technology in Cancer Research and Treatment, 2018, 17, 153303381879880.	0.8	54
140	Embedded Fatigue Detection Using Convolutional Neural Networks with Mobile Integration. , 2018, , .		5
141	A Novel Autoencoder-Based Diagnostic System for Early Assessment of Lung Cancer. , 2018, , .		24
142	A Novel CNN Segmentation Framework Based on Using New Shape and Appearance Features. , 2018, , .		8
143	An Innovative 3D Adaptive Patient-Related Atlas for Automatic Segmentation of Retina Layers from Oct Images. , 2018, , .		2
144	Using resting state functional MRI to build a personalized autism diagnosis system. , 2018, , .		18

#	ARTICLE	IF	CITATIONS
145	Deep Learning Role in Early Diagnosis of Prostate Cancer. Technology in Cancer Research and Treatment, 2018, 17, 153303461877553.	0.8	69
146	An integrated framework for automatic clinical assessment of diabetic retinopathy grade using spectral domain OCT images. , 2018, , .		17
147	Alzheimer rsquo s disease diagnostics by a 3D deeply supervised adaptable convolutional network. Frontiers in Bioscience - Landmark, 2018, 23, 584-596.	3.0	116
148	Classification of retinal diseases based on OCT Images. Frontiers in Bioscience - Landmark, 2018, 23, 247-264.	3.0	35
149	3D kidney segmentation from abdominal diffusion MRI using an appearance-guided deformable boundary. PLoS ONE, 2018, 13, e0200082.	1.1	39
150	Early diabetic retinopathy diagnosis based on local retinal blood vessel analysis in optical coherence tomography angiography (OCTA) images. Medical Physics, 2018, 45, 4582-4599.	1.6	35
151	Medical imaging diagnosis of early Alzheimer rsquo s disease. Frontiers in Bioscience - Landmark, 2018, 23, 671-725.	3.0	7
152	A new CNN-based system for early diagnosis of prostate cancer. , 2018, , .		29
153	Identifying Personalized Autism Related Impairments Using Resting Functional MRI and ADOS Reports. Lecture Notes in Computer Science, 2018, , 240-248.	1.0	7
154	A Computer-Aided System for Prostate Cancer Diagnosis. , 2018, , .		0
155	Real-time Heart Attack Mobile Detection Service (RHAMDS): An IoT use case for Software Defined Networks. , 2017, , .		31
156	Statistical analysis of ADCs and clinical biomarkers in detecting acute renal transplant rejection. British Journal of Radiology, 2017, 90, 20170125.	1.0	15
157	A Mobile-Programmable Smart Mirror for Ambient IoT Environments. , 2017, , .		10
158	Towards Remote Monitoring of Vital Signs without Body Instrumentation. , 2017, , .		1
159	A novel CAD system for local and global early diagnosis of Alzheimer's disease based on PIB-PET scans. , 2017, , .		14
160	A comprehensive framework for early assessment of lung injury. , 2017, , .		7
161	IntelliMeet: Collaborative Mobile Framework for Automated Participation Assessment. , 2017, , .		1
162	A new framework for incorporating appearance and shape features of lung nodules for precise diagnosis of lung cancer. , 2017, , .		23

#	ARTICLE	IF	CITATIONS
163	Series Connected Photovoltaic Cells Modelling and Analysis. Sustainability, 2017, 9, 371.	1.6	18
164	A fast stochastic framework for automatic MR brain images segmentation. PLoS ONE, 2017, 12, e0187391.	1.1	10
165	Diabetic foot ulcer mobile detection system using smart phone thermal camera: a feasibility study. BioMedical Engineering OnLine, 2017, 16, 117.	1.3	70
166	A Novel Early Diagnosis System for Mild Cognitive Impairment Based on Local Region Analysis: A Pilot Study. Frontiers in Human Neuroscience, 2017, 11, 643.	1.0	10
167	Mobile panoramic video maps over MEC networks. , 2016, , .		1
168	Mobile panoramic video maps over MEC networks. , 2016, , .		0
169	A framework for teaching robotic control using a novel visual programming language. , 2016, , .		2
170	Towards smart wearable real-time airport luggage tracking. , 2016, , .		15
171	Demand response enabled sustainable smart home design in the middle east environment. , 2016, , .		4
172	Smart Mobile-Based Emergency Management and Notification System. , 2016, , .		11
173	Towards Secure Mobile Process Tracking Using Wearable Computing in mGovernment Applications. , 2016, , .		2
174	Smart plugs: Perceived usefulness and satisfaction: Evidence from United Arab Emirates. Renewable and Sustainable Energy Reviews, 2016, 55, 1248-1259.	8.2	40
175	UAV-based remote sensing for vegetation cover estimation using NDVI imagery and level sets method. , 2015, , .		19
176	IoT Smartphone Controlled Secure Submission of e-Assessments. , 2015, , .		0
177	An IoT Smart Queue Management System with Real-Time Queue Tracking. , 2015, , .		13
178	Novel vegetation estimation index computation in arid environments. , 2015, , .		1
179	Mobile-Based Archival and Retrieval of Missing Objects Using Image Matching. , 2015, , .		9
180	Leaf spot area index: A nondestructive mangrove leaf spot estimation technique. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
181	An integrated caregiver-focused mHealth framework for elderly care. , 2015, , .		8
182	License plate automatic detection and recognition using level sets and neural networks. , 2013, , .		15
183	Real-time vandalism detection by monitoring object activities. Multimedia Tools and Applications, 2012, 58, 585-611.	2.6	5
184	Homogeneity Localization Using Particle Filters With Application to Noise Estimation. IEEE Transactions on Image Processing, 2011, 20, 1788-1796.	6.0	37
185	Feature-based detection and correction of occlusions and split of video objects. Signal, Image and Video Processing, 2009, 3, 13-25.	1.7	4
186	Robust Global Motion Estimation Oriented to Video Object Segmentation. IEEE Transactions on Image Processing, 2008, 17, 958-967.	6.0	33
187	Structure-Oriented Multidirectional Wiener Filter for Denoising of Image and Video Signals. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1797-1802.	5.6	20
188	Motion and Region Detection for Effective Recursive Temporal Noise Reduction. , 2007, , .		3
189	Total Occlusion Correction using Invariantwavelet Features. , 2007, , .		0
190	Real-time automatic detection of vandalism behavior in video sequences. , 2007, , .		14
191	A Fast Directional Sigma Filter for Noise Reduction in Digital TV Signals. IEEE Transactions on Consumer Electronics, 2007, 53, 1500-1507.	3.0	10
192	A Real-Time Technique for Spatio-temporal Video Noise Estimation. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 1690-1699.	5.6	32
193	A Modular Distributed Video Surveillance System Over IP. , 2006, , .		15