

# Kang Ryoung Park

## 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.

165  
papers

3,074  
citations

30  
h-index

45  
g-index

170  
ext. papers

4,130  
ext. citations

3.7  
avg, IF

5.99  
L-index

#	Paper	IF	Citations
165	Detecting Blastocyst Components by Artificial Intelligence for Human Embryological Analysis to Improve Success Rate of In Vitro Fertilization.. <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12,	3.6	1
164	Artificial Intelligence-Based Solution in Personalized Computer-Aided Arthroscopy of Shoulder Prostheses.. <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12,	3.6	1
163	GRA-GAN: Generative adversarial network for image style transfer of Gender, Race, and age. <i>Expert Systems With Applications</i> , <b>2022</b> , 198, 116792	7.8	2
162	Detecting retinal vasculature as a key biomarker for deep Learning-based intelligent screening and analysis of diabetic and hypertensive retinopathy. <i>Expert Systems With Applications</i> , <b>2022</b> , 200, 117009	7.8	4
161	Deep Learning-Based Detection of Fake Multinational Banknotes in a Cross-Dataset Environment Utilizing Smartphone Cameras for Assisting Visually Impaired Individuals. <i>Mathematics</i> , <b>2022</b> , 10, 1616	2.3	1
160	Segmenting Retinal Vessels Using a Shallow Segmentation Network to Aid Ophthalmic Analysis. <i>Mathematics</i> , <b>2022</b> , 10, 1536	2.3	1
159	DSRD-Net: Dual-stream residual dense network for semantic segmentation of instruments in robot-assisted surgery. <i>Expert Systems With Applications</i> , <b>2022</b> , 202, 117420	7.8	2
158	DMDF-Net: Dual multiscale dilated fusion network for accurate segmentation of lesions related to COVID-19 in lung radiographic scans.. <i>Expert Systems With Applications</i> , <b>2022</b> , 202, 117360	7.8	1
157	Deep features aggregation-based joint segmentation of cytoplasm and nuclei in white blood cells. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2022</b> , 1-1	7.2	2
156	Pedestrian Gender Recognition by Style Transfer of Visible-Light Image to Infrared-Light Image Based on an Attention-Guided Generative Adversarial Network. <i>Mathematics</i> , <b>2021</b> , 9, 2535	2.3	0
155	Domain-Adaptive Artificial Intelligence-Based Model for Personalized Diagnosis of Trivial Lesions Related to COVID-19 in Chest Computed Tomography Scans. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	2
154	Semantic Segmentation by Multi-Scale Feature Extraction Based on Grouped Dilated Convolution Module. <i>Mathematics</i> , <b>2021</b> , 9, 947	2.3	1
153	Artificial Intelligence-Based Recognition of Different Types of Shoulder Implants in X-ray Scans Based on Dense Residual Ensemble-Network for Personalized Medicine. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	3
152	Image Region Prediction from Thermal Videos Based on Image Prediction Generative Adversarial Network. <i>Mathematics</i> , <b>2021</b> , 9, 1053	2.3	2
151	Multilevel Deep-Aggregated Boosted Network to Recognize COVID-19 Infection from Large-Scale Heterogeneous Radiographic Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 1881-1891 <sup>2</sup>	7.2	6
150	Accurate Segmentation of Nuclear Regions with Multi-Organ Histopathology Images Using Artificial Intelligence for Cancer Diagnosis in Personalized Medicine. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	5
149	Restoration of Motion Blurred Image by Modified DeblurGAN for Enhancing the Accuracies of Finger-Vein Recognition. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2

148	Finger-Vein Recognition Using Heterogeneous Databases by Domain Adaption Based on a Cycle-Consistent Adversarial Network. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
147	Action Recognition From Thermal Videos Using Joint and Skeleton Information. <i>IEEE Access</i> , <b>2021</b> , 9, 11716-11733	3.5	4
146	. <i>IEEE Access</i> , <b>2021</b> , 9, 6296-6324	3.5	3
145	Enhanced Cycle Generative Adversarial Network for Generating Face Images of Untrained Races and Ages for Age Estimation. <i>IEEE Access</i> , <b>2021</b> , 9, 6087-6112	3.5	6
144	Light-weighted ensemble network with multilevel activation visualization for robust diagnosis of COVID19 pneumonia from large-scale chest radiographic database. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 108, 107490	7.5	7
143	Enlargement of the Field of View Based on Image Region Prediction Using Thermal Videos. <i>Mathematics</i> , <b>2021</b> , 9, 2379	2.3	0
142	AS-RIG: Adaptive Selection of Reconstructed Input by Generator or Interpolation for Person Re-Identification in Cross-Modality Visible and Thermal Images. <i>IEEE Access</i> , <b>2021</b> , 9, 12055-12066	3.5	0
141	Enhanced Iris Recognition Method by Generative Adversarial Network-Based Image Reconstruction. <i>IEEE Access</i> , <b>2021</b> , 9, 10120-10135	3.5	3
140	Deep Learning-Based Thermal Image Reconstruction and Object Detection. <i>IEEE Access</i> , <b>2021</b> , 9, 5951-5974	3.5	3
139	Diabetic and Hypertensive Retinopathy Screening in Fundus Images Using Artificially Intelligent Shallow Architectures.. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 12,	3.6	2
138	Region-Based Removal of Thermal Reflection Using Pruned Fully Convolutional Network. <i>IEEE Access</i> , <b>2020</b> , 8, 75741-75760	3.5	7
137	Semantic Segmentation With Low Light Images by Modified CycleGAN-Based Image Enhancement. <i>IEEE Access</i> , <b>2020</b> , 8, 93561-93585	3.5	7
136	. <i>IEEE Access</i> , <b>2020</b> , 8, 96748-96766	3.5	10
135	Artificial Intelligence-Based Diagnosis of Cardiac and Related Diseases. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	18
134	Presentation Attack Face Image Generation Based on a Deep Generative Adversarial Network. <i>Sensors</i> , <b>2020</b> , 20,	3.8	3
133	Artificial Intelligence-Based Mitosis Detection in Breast Cancer Histopathology Images Using Faster R-CNN and Deep CNNs. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	43
132	Deep Learning-Based Detection of Pigment Signs for Analysis and Diagnosis of Retinitis Pigmentosa. <i>Sensors</i> , <b>2020</b> , 20,	3.8	6
131	ESSN: Enhanced Semantic Segmentation Network by Residual Concatenation of Feature Maps. <i>IEEE Access</i> , <b>2020</b> , 8, 21363-21379	3.5	4

130	. <i>IEEE Access</i> , <b>2020</b> , 8, 16281-16301	3.5	6
129	Age Estimation by Super-Resolution Reconstruction Based on Adversarial Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 17103-17120	3.5	8
128	. <i>IEEE Access</i> , <b>2020</b> , 8, 49857-49872	3.5	2
127	Deep Learning-Based Fake-Banknote Detection for the Visually Impaired People Using Visible-Light Images Captured by Smartphone Cameras. <i>IEEE Access</i> , <b>2020</b> , 8, 63144-63161	3.5	9
126	Automated Diagnosis of Various Gastrointestinal Lesions Using a Deep Learning-Based Classification and Retrieval Framework With a Large Endoscopic Database: Model Development and Validation. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e18563	7.6	9
125	Comprehensive Computer-Aided Decision Support Framework to Diagnose Tuberculosis From Chest X-Ray Images: Data Mining Study. <i>JMIR Medical Informatics</i> , <b>2020</b> , 8, e21790	3.6	5
124	Thermal Image Reconstruction Using Deep Learning. <i>IEEE Access</i> , <b>2020</b> , 8, 126839-126858	3.5	6
123	SlimDeblurGAN-Based Motion Deblurring and Marker Detection for Autonomous Drone Landing. <i>Sensors</i> , <b>2020</b> , 20,	3.8	6
122	Enhanced Image-Based Endoscopic Pathological Site Classification Using an Ensemble of Deep Learning Models. <i>Sensors</i> , <b>2020</b> , 20,	3.8	9
121	Deep Feature-Based Three-Stage Detection of Banknotes and Coins for Assisting Visually Impaired People. <i>IEEE Access</i> , <b>2020</b> , 8, 184598-184613	3.5	8
120	Face and Body-Based Human Recognition by GAN-Based Blur Restoration. <i>Sensors</i> , <b>2020</b> , 20,	3.8	2
119	CycleGAN-Based Deblurring for Gaze Tracking in Vehicle Environments. <i>IEEE Access</i> , <b>2020</b> , 8, 137418-137437	3.5	2
118	OR-Skip-Net: Outer residual skip network for skin segmentation in non-ideal situations. <i>Expert Systems With Applications</i> , <b>2020</b> , 141, 112922	7.8	17
117	Ultrasound Image-Based Diagnosis of Malignant Thyroid Nodule Using Artificial Intelligence. <i>Sensors</i> , <b>2020</b> , 20,	3.8	29
116	Conditional Generative Adversarial Network- Based Data Augmentation for Enhancement of Iris Recognition Accuracy. <i>IEEE Access</i> , <b>2019</b> , 7, 122134-122152	3.5	26
115	Aiding the Diagnosis of Diabetic and Hypertensive Retinopathy Using Artificial Intelligence-Based Semantic Segmentation. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	30
114	Visible-Light Camera Sensor-Based Presentation Attack Detection for Face Recognition by Combining Spatial and Temporal Information. <i>Sensors</i> , <b>2019</b> , 19,	3.8	7
113	. <i>IEEE Access</i> , <b>2019</b> , 7, 66845-66863	3.5	39

112	Deep Residual Network-Based Recognition of Finger Wrinkles Using Smartphone Camera. <i>IEEE Access</i> , <b>2019</b> , 7, 71270-71285	3.5	5
111	Deep Learning-Based Super-Resolution Reconstruction and Marker Detection for Drone Landing. <i>IEEE Access</i> , <b>2019</b> , 7, 61639-61655	3.5	16
110	Person Re-Identification Between Visible and Thermal Camera Images Based on Deep Residual CNN Using Single Input. <i>IEEE Access</i> , <b>2019</b> , 7, 57972-57984	3.5	20
109	Deep Learning-Based Multinational Banknote Type and Fitness Classification with the Combined Images by Visible-Light Reflection and Infrared-Light Transmission Image Sensors. <i>Sensors</i> , <b>2019</b> , 19,	3.8	6
108	Effective Diagnosis and Treatment through Content-Based Medical Image Retrieval (CBMIR) by Using Artificial Intelligence. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	44
107	Deep Residual CNN-Based Ocular Recognition Based on Rough Pupil Detection in the Images by NIR Camera Sensor. <i>Sensors</i> , <b>2019</b> , 19,	3.8	16
106	Deep RetinaNet-Based Detection and Classification of Road Markings by Visible Light Camera Sensors. <i>Sensors</i> , <b>2019</b> , 19,	3.8	12
105	Action Recognition From Thermal Videos. <i>IEEE Access</i> , <b>2019</b> , 7, 103893-103917	3.5	14
104	Enhanced Detection and Recognition of Road Markings Based on Adaptive Region of Interest and Deep Learning. <i>IEEE Access</i> , <b>2019</b> , 7, 109817-109832	3.5	17
103	Multimodal Camera-Based Gender Recognition Using Human-Body Image With Two-Step Reconstruction Network. <i>IEEE Access</i> , <b>2019</b> , 7, 104025-104044	3.5	5
102	Artificial Intelligence-Based Classification of Multiple Gastrointestinal Diseases Using Endoscopy Videos for Clinical Diagnosis. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	26
101	. <i>IEEE Access</i> , <b>2019</b> , 7, 93448-93461	3.5	10
100	A Study on the Elimination of Thermal Reflections. <i>IEEE Access</i> , <b>2019</b> , 7, 174597-174611	3.5	7
99	. <i>IEEE Access</i> , <b>2019</b> , 7, 163461-163477	3.5	3
98	Artificial Intelligence-Based Thyroid Nodule Classification Using Information from Spatial and Frequency Domains. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	22
97	Driver's eye-based gaze tracking system by one-point calibration. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 7155-7179	2.5	4
96	FRED-Net: Fully residual encoder-decoder network for accurate iris segmentation. <i>Expert Systems With Applications</i> , <b>2019</b> , 122, 217-241	7.8	39
95	Body-movement-based human identification using convolutional neural network. <i>Expert Systems With Applications</i> , <b>2018</b> , 101, 56-77	7.8	20

94	Convolutional Neural Network-Based Classification of Driver's Emotion during Aggressive and Smooth Driving Using Multi-Modal Camera Sensors. <i>Sensors</i> , <b>2018</b> , 18,	3.8	22
93	Multimodal Biometric Recognition Based on Convolutional Neural Network by the Fusion of Finger-Vein and Finger Shape Using Near-Infrared (NIR) Camera Sensor. <i>Sensors</i> , <b>2018</b> , 18,	3.8	51
92	Pedestrian detection based on faster R-CNN in nighttime by fusing deep convolutional features of successive images. <i>Expert Systems With Applications</i> , <b>2018</b> , 114, 15-33	7.8	39
91	Deep Learning-Based Banknote Fitness Classification Using the Reflection Images by a Visible-Light One-Dimensional Line Image Sensor. <i>Sensors</i> , <b>2018</b> , 18,	3.8	5
90	Combining Deep and Handcrafted Image Features for Presentation Attack Detection in Face Recognition Systems Using Visible-Light Camera Sensors. <i>Sensors</i> , <b>2018</b> , 18,	3.8	52
89	Convolutional Neural Network-Based Shadow Detection in Images Using Visible Light Camera Sensor. <i>Sensors</i> , <b>2018</b> , 18,	3.8	20
88	Presentation Attack Detection for Iris Recognition System Using NIR Camera Sensor. <i>Sensors</i> , <b>2018</b> , 18,	3.8	13
87	IrisDenseNet: Robust Iris Segmentation Using Densely Connected Fully Convolutional Networks in the Images by Visible Light and Near-Infrared Light Camera Sensors. <i>Sensors</i> , <b>2018</b> , 18,	3.8	60
86	LightDenseYOLO: A Fast and Accurate Marker Tracker for Autonomous UAV Landing by Visible Light Camera Sensor on Drone. <i>Sensors</i> , <b>2018</b> , 18,	3.8	25
85	Deep Learning-Based Gaze Detection System for Automobile Drivers Using a NIR Camera Sensor. <i>Sensors</i> , <b>2018</b> , 18,	3.8	54
84	Fuzzy-based estimation of continuous Z-distances and discrete directions of home appliances for NIR camera-based gaze tracking system. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 11925-11955	2.5	1
83	Gait-Based Human Identification by Combining Shallow Convolutional Neural Network-Stacked Long Short-Term Memory and Deep Convolutional Neural Network. <i>IEEE Access</i> , <b>2018</b> , 6, 63164-63186	3.5	22
82	Face Detection in Nighttime Images Using Visible-Light Camera Sensors with Two-Step Faster Region-Based Convolutional Neural Network. <i>Sensors</i> , <b>2018</b> , 18,	3.8	21
81	CNN-Based Multimodal Human Recognition in Surveillance Environments. <i>Sensors</i> , <b>2018</b> , 18,	3.8	12
80	. <i>IEEE Access</i> , <b>2018</b> , 6, 57291-57310	3.5	4
79	Deep Learning-Based Enhanced Presentation Attack Detection for Iris Recognition by Combining Features from Local and Global Regions Based on NIR Camera Sensor. <i>Sensors</i> , <b>2018</b> , 18,	3.8	23
78	Periocular-based biometrics robust to eye rotation based on polar coordinates. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 11177-11197	2.5	9
77	Fuzzy system based human behavior recognition by combining behavior prediction and recognition. <i>Expert Systems With Applications</i> , <b>2017</b> , 81, 108-133	7.8	33

76	Fuzzy System-Based Target Selection for a NIR Camera-Based Gaze Tracker. <i>Sensors</i> , <b>2017</b> , 17,	3.8	6
75	Multi-National Banknote Classification Based on Visible-light Line Sensor and Convolutional Neural Network. <i>Sensors</i> , <b>2017</b> , 17,	3.8	10
74	A Survey on Banknote Recognition Methods by Various Sensors. <i>Sensors</i> , <b>2017</b> , 17,	3.8	22
73	Person Recognition System Based on a Combination of Body Images from Visible Light and Thermal Cameras. <i>Sensors</i> , <b>2017</b> , 17,	3.8	137
72	Banknote recognition based on optimization of discriminative regions by genetic algorithm with one-dimensional visible-light line sensor. <i>Pattern Recognition</i> , <b>2017</b> , 72, 27-43	7.7	10
71	Noisy Ocular Recognition Based on Three Convolutional Neural Networks. <i>Sensors</i> , <b>2017</b> , 17,	3.8	11
70	Gender Recognition from Human-Body Images Using Visible-Light and Thermal Camera Videos Based on a Convolutional Neural Network for Image Feature Extraction. <i>Sensors</i> , <b>2017</b> , 17,	3.8	23
69	Convolutional Neural Network-Based Human Detection in Nighttime Images Using Visible Light Camera Sensors. <i>Sensors</i> , <b>2017</b> , 17,	3.8	32
68	Convolutional Neural Network-Based Finger-Vein Recognition Using NIR Image Sensors. <i>Sensors</i> , <b>2017</b> , 17,	3.8	82
67	A Study of Deep CNN-Based Classification of Open and Closed Eyes Using a Visible Light Camera Sensor. <i>Sensors</i> , <b>2017</b> , 17,	3.8	33
66	Remote Marker-Based Tracking for UAV Landing Using Visible-Light Camera Sensor. <i>Sensors</i> , <b>2017</b> , 17,	3.8	21
65	Spoof Detection for Finger-Vein Recognition System Using NIR Camera. <i>Sensors</i> , <b>2017</b> , 17,	3.8	21
64	Pedestrian Detection Based on Adaptive Selection of Visible Light or Far-Infrared Light Camera Image by Fuzzy Inference System and Convolutional Neural Network-Based Verification. <i>Sensors</i> , <b>2017</b> , 17,	3.8	13
63	Road Lane Detection Robust to Shadows Based on a Fuzzy System Using a Visible Light Camera Sensor. <i>Sensors</i> , <b>2017</b> , 17,	3.8	23
62	Efficient Banknote Recognition Based on Selection of Discriminative Regions with One-Dimensional Visible-Light Line Sensor. <i>Sensors</i> , <b>2016</b> , 16,	3.8	7
61	Compensation Method of Natural Head Movement for Gaze Tracking System Using an Ultrasonic Sensor for Distance Measurement. <i>Sensors</i> , <b>2016</b> , 16,	3.8	10
60	Recognition of Banknote Fitness Based on a Fuzzy System Using Visible Light Reflection and Near-infrared Light Transmission Images. <i>Sensors</i> , <b>2016</b> , 16,	3.8	7
59	Human Detection Based on the Generation of a Background Image and Fuzzy System by Using a Thermal Camera. <i>Sensors</i> , <b>2016</b> , 16, 453	3.8	17

58	Estimation of Gaze Detection Accuracy Using the Calibration Information-Based Fuzzy System. <i>Sensors</i> , <b>2016</b> , 16,	3.8	3
57	Robust Behavior Recognition in Intelligent Surveillance Environments. <i>Sensors</i> , <b>2016</b> , 16,	3.8	15
56	Enhanced Gender Recognition System Using an Improved Histogram of Oriented Gradient (HOG) Feature from Quality Assessment of Visible Light and Thermal Images of the Human Body. <i>Sensors</i> , <b>2016</b> , 16,	3.8	11
55	Empirical Study on Designing of Gaze Tracking Camera Based on the Information of User's Head Movement. <i>Sensors</i> , <b>2016</b> , 16,	3.8	5
54	Recognition of Damaged Arrow-Road Markings by Visible Light Camera Sensor Based on Convolutional Neural Network. <i>Sensors</i> , <b>2016</b> , 16,	3.8	20
53	Body-Based Gender Recognition Using Images from Visible and Thermal Cameras. <i>Sensors</i> , <b>2016</b> , 16, 156	3.8	16
52	Road Lane Detection by Discriminating Dashed and Solid Road Lanes Using a Visible Light Camera Sensor. <i>Sensors</i> , <b>2016</b> , 16,	3.8	23
51	Discriminating between intentional and unintentional gaze fixation using multimodal-based fuzzy logic algorithm for gaze tracking system with NIR camera sensor. <i>Optical Engineering</i> , <b>2016</b> , 55, 063109	1.1	2
50	Segmentation method of eye region based on fuzzy logic system for classifying open and closed eyes. <i>Optical Engineering</i> , <b>2015</b> , 54, 033103	1.1	11
49	A new gaze estimation method considering external light. <i>Sensors</i> , <b>2015</b> , 15, 5935-81	3.8	4
48	A Fuzzy-Based Fusion Method of Multimodal Sensor-Based Measurements for the Quantitative Evaluation of Eye Fatigue on 3D Displays. <i>Sensors</i> , <b>2015</b> , 15, 10825-51	3.8	4
47	Robust pedestrian detection by combining visible and thermal infrared cameras. <i>Sensors</i> , <b>2015</b> , 15, 10580-15	3.8	34
46	Human detection based on the generation of a background image by using a far-infrared light camera. <i>Sensors</i> , <b>2015</b> , 15, 6763-88	3.8	30
45	A High Performance Banknote Recognition System Based on a One-Dimensional Visible Light Line Sensor. <i>Sensors</i> , <b>2015</b> , 15, 14093-115	3.8	10
44	Nonintrusive Finger-Vein Recognition System Using NIR Image Sensor and Accuracy Analyses According to Various Factors. <i>Sensors</i> , <b>2015</b> , 15, 16866-94	3.8	19
43	Evaluation of Fear Using Nonintrusive Measurement of Multimodal Sensors. <i>Sensors</i> , <b>2015</b> , 15, 17507-33	3.8	20
42	Recognizing Banknote Fitness with a Visible Light One Dimensional Line Image Sensor. <i>Sensors</i> , <b>2015</b> , 15, 21016-32	3.8	7
41	Human Age Estimation Method Robust to Camera Sensor and/or Face Movement. <i>Sensors</i> , <b>2015</b> , 15, 21898-930	3.8	14



40	Fast Query-by-Singing/Humming System That Combines Linear Scaling and Quantized Dynamic Time Warping Algorithm. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 176091	1.7	1
39	Nonwearable gaze tracking system for controlling home appliance. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 303670	2.2	9
38	Comparative study of human age estimation with or without preclassification of gender and facial expression. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 905269	2.2	19
37	Gaze tracking system for user wearing glasses. <i>Sensors</i> , <b>2014</b> , 14, 2110-34	3.8	8
36	Assessment of eye fatigue caused by 3D displays based on multimodal measurements. <i>Sensors</i> , <b>2014</b> , 14, 16467-85	3.8	36
35	Finger-vein image enhancement using a fuzzy-based fusion method with Gabor and Retinex filtering. <i>Sensors</i> , <b>2014</b> , 14, 3095-129	3.8	42
34	Face recognition system for set-top box-based intelligent TV. <i>Sensors</i> , <b>2014</b> , 14, 21726-49	3.8	18
33	Quantitative measurement of eyestrain on 3D stereoscopic display considering the eye foveation model and edge information. <i>Sensors</i> , <b>2014</b> , 14, 8577-604	3.8	18
32	New system for tracking a device for diagnosing scalp skin. <i>Sensors</i> , <b>2014</b> , 14, 6516-34	3.8	1
31	Detecting driver drowsiness using feature-level fusion and user-specific classification. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 1139-1152	7.8	97
30	Gaze detection based on head pose estimation in smart TV <b>2013</b> ,		2
29	A novel gaze tracking method based on the generation of virtual calibration points. <i>Sensors</i> , <b>2013</b> , 13, 10802-22	3.8	13
28	Remote gaze tracking system on a large display. <i>Sensors</i> , <b>2013</b> , 13, 13439-63	3.8	21
27	Robust Eye and Pupil Detection Method for Gaze Tracking. <i>International Journal of Advanced Robotic Systems</i> , <b>2013</b> , 10, 98	1.4	9
26	3D gaze tracking method using Purkinje images on eye optical model and pupil. <i>Optics and Lasers in Engineering</i> , <b>2012</b> , 50, 736-751	4.6	48
25	New iris recognition method for noisy iris images. <i>Pattern Recognition Letters</i> , <b>2012</b> , 33, 991-999	4.7	51
24	Face liveness detection based on texture and frequency analyses <b>2012</b> ,		52
23	New Fuzzy-Based Retinex Method for the Illumination Normalization of Face Recognition. <i>International Journal of Advanced Robotic Systems</i> , <b>2012</b> , 9, 103	1.4	6

22	A new query-by-humming system based on the score level fusion of two classifiers. <i>International Journal of Communication Systems</i> , <b>2012</b> , 25, 717-733	1.7	4
21	Face Recognition Algorithm for Photographs and Viewed Sketch Matching Using Score-Level Fusion. <i>International Journal of Advanced Robotic Systems</i> , <b>2012</b> , 9, 80	1.4	0
20	Image Quality Enhancement Using the Direction and Thickness of Vein Lines for Finger-Vein Recognition. <i>International Journal of Advanced Robotic Systems</i> , <b>2012</b> , 9, 154	1.4	11
19	Real-Time Gaze Estimator Based on Driver's Head Orientation for Forward Collision Warning System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2011</b> , 12, 254-267	6.1	80
18	Object Recognition and Selection Method by Gaze Tracking and SURF Algorithm <b>2011</b> ,		3
17	Robust query-by-singing/humming system against background noise environments. <i>IEEE Transactions on Consumer Electronics</i> , <b>2011</b> , 57, 720-725	4.8	9
16	New computer interface combining gaze tracking and brainwave measurements. <i>IEEE Transactions on Consumer Electronics</i> , <b>2011</b> , 57, 1646-1651	4.8	15
15	Image restoration of skin scattering and optical blurring for finger vein recognition. <i>Optics and Lasers in Engineering</i> , <b>2011</b> , 49, 816-828	4.6	69
14	A realistic game system using multi-modal user interfaces. <i>IEEE Transactions on Consumer Electronics</i> , <b>2010</b> , 56, 1364-1372	4.8	28
13	The comparative measurements of eyestrain caused by 2D and 3D displays. <i>IEEE Transactions on Consumer Electronics</i> , <b>2010</b> , 56, 1677-1683	4.8	55
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