Kang Ryoung Park

List of Publications by Year
in descending order

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167 papers	5,055 citations	87723 38 h-index	128067 60 g-index
170 all docs	170 docs citations	170 times ranked	3761 citing authors

#	Article	IF	Citations
1	Person Recognition System Based on a Combination of Body Images from Visible Light and Thermal Cameras. Sensors, 2017, 17, 605.	2.1	325
2	Finger vein recognition using minutiaâ€based alignment and local binary patternâ€based feature extraction. International Journal of Imaging Systems and Technology, 2009, 19, 179-186.	2.7	194
3	Convolutional Neural Network-Based Finger-Vein Recognition Using NIR Image Sensors. Sensors, 2017, 17, 1297.	2.1	136
4	Detecting driver drowsiness using feature-level fusion and user-specific classification. Expert Systems With Applications, 2014, 41, 1139-1152.	4.4	134
5	Artificial Intelligence-Based Mitosis Detection in Breast Cancer Histopathology Images Using Faster R-CNN and Deep CNNs. Journal of Clinical Medicine, 2020, 9, 749.	1.0	116
6	Deep Learning-Based Gaze Detection System for Automobile Drivers Using a NIR Camera Sensor. Sensors, 2018, 18, 456.	2.1	112
7	Real-Time Gaze Estimator Based on Driver's Head Orientation for Forward Collision Warning System. IEEE Transactions on Intelligent Transportation Systems, 2011, 12, 254-267.	4.7	100
8	Image restoration of skin scattering and optical blurring for finger vein recognition. Optics and Lasers in Engineering, 2011, 49, 816-828.	2.0	94
9	Finger-Vein Recognition Based on Deep DenseNet Using Composite Image. IEEE Access, 2019, 7, 66845-66863.	2.6	86
10	Multimodal Biometric Recognition Based on Convolutional Neural Network by the Fusion of Finger-Vein and Finger Shape Using Near-Infrared (NIR) Camera Sensor. Sensors, 2018, 18, 2296.	2.1	84
11	IrisDenseNet: Robust Iris Segmentation Using Densely Connected Fully Convolutional Networks in the Images by Visible Light and Near-Infrared Light Camera Sensors. Sensors, 2018, 18, 1501.	2.1	84
12	Combining Deep and Handcrafted Image Features for Presentation Attack Detection in Face Recognition Systems Using Visible-Light Camera Sensors. Sensors, 2018, 18, 699.	2.1	76
13	A robust eyelash detection based on iris focus assessment. Pattern Recognition Letters, 2007, 28, 1630-1639.	2.6	73
14	Face liveness detection based on texture and frequency analyses. , 2012, , .		73
15	Effective Diagnosis and Treatment through Content-Based Medical Image Retrieval (CBMIR) by Using Artificial Intelligence. Journal of Clinical Medicine, 2019, 8, 462.	1.0	71
16	A brainâ€“computer interface method combined with eye tracking for 3D interaction. Journal of Neuroscience Methods, 2010, 190, 289-298.	1.3	70
17	Ultrasound Image-Based Diagnosis of Malignant Thyroid Nodule Using Artificial Intelligence. Sensors, 2020, 20, 1822.	2.1	70
18	The comparative measurements of eyestrain caused by 2D and 3D displays. IEEE Transactions on Consumer Electronics, 2010, 56, 1677-1683.	3.0	68

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19	3D gaze tracking method using Purkinje images on eye optical model and pupil. Optics and Lasers in Engineering, 2012, 50, 736-751.	2.0	66
20	Aiding the Diagnosis of Diabetic and Hypertensive Retinopathy Using Artificial Intelligence-Based Semantic Segmentation. Journal of Clinical Medicine, 2019, 8, 1446.	1.0	65
21	A Study of Deep CNN-Based Classification of Open and Closed Eyes Using a Visible Light Camera Sensor. Sensors, 2017, 17, 1534.	2.1	64
22	New iris recognition method for noisy iris images. Pattern Recognition Letters, 2012, 33, 991-999.	2.6	63
23	FRED-Net: Fully residual encoderâ€“decoder network for accurate iris segmentation. Expert Systems With Applications, 2019, 122, 217-241.	4.4	60
24	Artificial Intelligence-Based Thyroid Nodule Classification Using Information from Spatial and Frequency Domains. Journal of Clinical Medicine, 2019, 8, 1976.	1.0	59
25	Pedestrian detection based on faster R-CNN in nighttime by fusing deep convolutional features of successive images. Expert Systems With Applications, 2018, 114, 15-33.	4.4	54
26	Finger vein recognition using weighted local binary pattern code based on a support vector machine. Journal of Zhejiang University: Science C, 2010, 11, 514-524.	0.7	53
27	Artificial Intelligence-Based Classification of Multiple Gastrointestinal Diseases Using Endoscopy Videos for Clinical Diagnosis. Journal of Clinical Medicine, 2019, 8, 986.	1.0	52
28	Gaze tracking system at a distance for controlling IPTV. IEEE Transactions on Consumer Electronics, 2010, 56, 2577-2583.	3.0	51
29	Finger-Vein Image Enhancement Using a Fuzzy-Based Fusion Method with Gabor and Retinex Filtering. Sensors, 2014, 14, 3095-3129.	2.1	51
30	Assessment of Eye Fatigue Caused by 3D Displays Based on Multimodal Measurements. Sensors, 2014, 14, 16467-16485.	2.1	48
31	Fuzzy system based human behavior recognition by combining behavior prediction and recognition. Expert Systems With Applications, 2017, 81, 108-133.	4.4	48
32	Convolutional Neural Network-Based Human Detection in Nighttime Images Using Visible Light Camera Sensors. Sensors, 2017, 17, 1065.	2.1	47
33	LightDenseYOLO: A Fast and Accurate Marker Tracker for Autonomous UAV Landing by Visible Light Camera Sensor on Drone. Sensors, 2018, 18, 1703.	2.1	46
34	Human Detection Based on the Generation of a Background Image by Using a Far-Infrared Light Camera. Sensors, 2015, 15, 6763-6788.	2.1	45
35	A Survey on Banknote Recognition Methods by Various Sensors. Sensors, 2017, 17, 313.	2.1	44
36	Convolutional Neural Network-Based Classification of Driverâ€™s Emotion during Aggressive and Smooth Driving Using Multi-Modal Camera Sensors. Sensors, 2018, 18, 957.	2.1	43

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37	Remote Marker-Based Tracking for UAV Landing Using Visible-Light Camera Sensor. Sensors, 2017, 17, 1987.	2.1	41
38	Robust Pedestrian Detection by Combining Visible and Thermal Infrared Cameras. Sensors, 2015, 15, 10580-10615.	2.1	40
39	Conditional Generative Adversarial Network- Based Data Augmentation for Enhancement of Iris Recognition Accuracy. IEEE Access, 2019, 7, 122134-122152.	2.6	40
40	A study on eyelid localization considering image focus for iris recognition. Pattern Recognition Letters, 2008, 29, 1698-1704.	2.6	38
41	Gait-Based Human Identification by Combining Shallow Convolutional Neural Network-Stacked Long Short-Term Memory and Deep Convolutional Neural Network. IEEE Access, 2018, 6, 63164-63186.	2.6	38
42	A realistic game system using multi-modal user interfaces. IEEE Transactions on Consumer Electronics, 2010, 56, 1364-1372.	3.0	37
43	Face Detection in Nighttime Images Using Visible-Light Camera Sensors with Two-Step Faster Region-Based Convolutional Neural Network. Sensors, 2018, 18, 2995.	2.1	37
44	Road Lane Detection by Discriminating Dashed and Solid Road Lanes Using a Visible Light Camera Sensor. Sensors, 2016, 16, 1313.	2.1	34
45	Gender Recognition from Human-Body Images Using Visible-Light and Thermal Camera Videos Based on a Convolutional Neural Network for Image Feature Extraction. Sensors, 2017, 17, 637.	2.1	34
46	Artificial Intelligence-Based Diagnosis of Cardiac and Related Diseases. Journal of Clinical Medicine, 2020, 9, 871.	1.0	34
47	A robust eye gaze tracking method based on a virtual eyeball model. Machine Vision and Applications, 2009, 20, 319-337.	1.7	33
48	Recognition of Damaged Arrow-Road Markings by Visible Light Camera Sensor Based on Convolutional Neural Network. Sensors, 2016, 16, 2160.	2.1	33
49	Road Lane Detection Robust to Shadows Based on a Fuzzy System Using a Visible Light Camera Sensor. Sensors, 2017, 17, 2475.	2.1	33
50	Spoof Detection for Finger-Vein Recognition System Using NIR Camera. Sensors, 2017, 17, 2261.	2.1	32
51	Deep Learning-Based Enhanced Presentation Attack Detection for Iris Recognition by Combining Features from Local and Global Regions Based on NIR Camera Sensor. Sensors, 2018, 18, 2601.	2.1	31
52	Action Recognition From Thermal Videos. IEEE Access, 2019, 7, 103893-103917.	2.6	31
53	Enhanced Detection and Recognition of Road Markings Based on Adaptive Region of Interest and Deep Learning. IEEE Access, 2019, 7, 109817-109832.	2.6	31
54	Person Re-Identification Between Visible and Thermal Camera Images Based on Deep Residual CNN Using Single Input. IEEE Access, 2019, 7, 57972-57984.	2.6	31

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55	Finger-Vein Recognition Based on Densely Connected Convolutional Network Using Score-Level Fusion With Shape and Texture Images. IEEE Access, 2020, 8, 96748-96766.	2.6	31
56	A robust gaze detection method by compensating for facial movements based on corneal specularities. Pattern Recognition Letters, 2008, 29, 1474-1485.	2.6	30
57	Deep Learning-Based Super-Resolution Reconstruction and Marker Detection for Drone Landing. IEEE Access, 2019, 7, 61639-61655.	2.6	30
58	Deep Residual CNN-Based Ocular Recognition Based on Rough Pupil Detection in the Images by NIR Camera Sensor. Sensors, 2019, 19, 842.	2.1	29
59	Deep RetinaNet-Based Detection and Classification of Road Markings by Visible Light Camera Sensors. Sensors, 2019, 19, 281.	2.1	28
60	Body-movement-based human identification using convolutional neural network. Expert Systems With Applications, 2018, 101, 56-77.	4.4	27
61	Convolutional Neural Network-Based Shadow Detection in Images Using Visible Light Camera Sensor. Sensors, 2018, 18, 960.	2.1	27
62	Nonintrusive Finger-Vein Recognition System Using NIR Image Sensor and Accuracy Analyses According to Various Factors. Sensors, 2015, 15, 16866-16894.	2.1	26
63	Evaluation of Fear Using Nonintrusive Measurement of Multimodal Sensors. Sensors, 2015, 15, 17507-17533.	2.1	26
64	Body-Based Gender Recognition Using Images from Visible and Thermal Cameras. Sensors, 2016, 16, 156.	2.1	26
65	Deep Learning-Based Thermal Image Reconstruction and Object Detection. IEEE Access, 2021, 9, 5951-5971.	2.6	26
66	OR-Skip-Net: Outer residual skip network for skin segmentation in non-ideal situations. Expert Systems With Applications, 2020, 141, 112922.	4.4	25
67	Fake iris detection based on 3D structure of iris pattern. International Journal of Imaging Systems and Technology, 2010, 20, 162-166.	2.7	24
68	Driver Gaze Detection Based on Deep Residual Networks Using the Combined Single Image of Dual Near-Infrared Cameras. IEEE Access, 2019, 7, 93448-93461.	2.6	24
69	Comparative Study of Human Age Estimation with or without Preclassification of Gender and Facial Expression. Scientific World Journal, The, 2014, 2014, 1-15.	0.8	23
70	Human Detection Based on the Generation of a Background Image and Fuzzy System by Using a Thermal Camera. Sensors, 2016, 16, 453.	2.1	23
71	CNN-Based Multimodal Human Recognition in Surveillance Environments. Sensors, 2018, 18, 3040.	2.1	23
72	New computer interface combining gaze tracking and brainwave measurements. IEEE Transactions on Consumer Electronics, 2011, 57, 1646-1651.	3.0	22

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73	Remote Gaze Tracking System on a Large Display. Sensors, 2013, 13, 13439-13463.	2.1	22
74	Quantitative Measurement of Eyestrain on 3D Stereoscopic Display Considering the Eye Foveation Model and Edge Information. Sensors, 2014, 14, 8577-8604.	2.1	22
75	Age Estimation by Super-Resolution Reconstruction Based on Adversarial Networks. IEEE Access, 2020, 8, 17103-17120.	2.6	22
76	Artificial Intelligence-Based Recognition of Different Types of Shoulder Implants in X-ray Scans Based on Dense Residual Ensemble-Network for Personalized Medicine. Journal of Personalized Medicine, 2021, 11, 482.	1.1	22
77	Face Recognition System for Set-Top Box-Based Intelligent TV. Sensors, 2014, 14, 21726-21749.	2.1	21
78	Detecting retinal vasculature as a key biomarker for deep Learning-based intelligent screening and analysis of diabetic and hypertensive retinopathy. Expert Systems With Applications, 2022, 200, 117009.	4.4	21
79	Deep Learning-Based Detection of Pigment Signs for Analysis and Diagnosis of Retinitis Pigmentosa. Sensors, 2020, 20, 3454.	2.1	20
80	Robust Behavior Recognition in Intelligent Surveillance Environments. Sensors, 2016, 16, 1010.	2.1	19
81	Presentation Attack Detection for Iris Recognition System Using NIR Camera Sensor. Sensors, 2018, 18, 1315.	2.1	19
82	Enhanced Image-Based Endoscopic Pathological Site Classification Using an Ensemble of Deep Learning Models. Sensors, 2020, 20, 5982.	2.1	19
83	Noisy Ocular Recognition Based on Three Convolutional Neural Networks. Sensors, 2017, 17, 2933.	2.1	18
84	Deep Feature-Based Three-Stage Detection of Banknotes and Coins for Assisting Visually Impaired People. IEEE Access, 2020, 8, 184598-184613.	2.6	18
85	Comprehensive Computer-Aided Decision Support Framework to Diagnose Tuberculosis From Chest X-Ray Images: Data Mining Study. JMIR Medical Informatics, 2020, 8, e21790.	1.3	18
86	Robust query-by-singing/humming system against background noise environments. IEEE Transactions on Consumer Electronics, 2011, 57, 720-725.	3.0	17
87	Human Age Estimation Method Robust to Camera Sensor and/or Face Movement. Sensors, 2015, 15, 21898-21930.	2.1	17
88	Deep Learning-Based Fake-Banknote Detection for the Visually Impaired People Using Visible-Light Images Captured by Smartphone Cameras. IEEE Access, 2020, 8, 63144-63161.	2.6	17
89	Accurate Segmentation of Nuclear Regions with Multi-Organ Histopathology Images Using Artificial Intelligence for Cancer Diagnosis in Personalized Medicine. Journal of Personalized Medicine, 2021, 11, 515.	1.1	17
90	DSRD-Net: Dual-stream residual dense network for semantic segmentation of instruments in robot-assisted surgery. Expert Systems With Applications, 2022, 202, 117420.	4.4	17

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91	A Novel Gaze Tracking Method Based on the Generation of Virtual Calibration Points. Sensors, 2013, 13, 10802-10822.	2.1	16
92	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. Sensors, 2016, 16, 1134.	2.1	16
93	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. Sensors, 2017, 17, 1598.	2.1	16
94	Modified Conditional Generative Adversarial Network-Based Optical Blur Restoration for Finger-Vein Recognition. IEEE Access, 2020, 8, 16281-16301.	2.6	16
95	Light-weighted ensemble network with multilevel activation visualization for robust diagnosis of COVID19 pneumonia from large-scale chest radiographic database. Applied Soft Computing Journal, 2021, 108, 107490.	4.1	16
96	Automated Diagnosis of Various Gastrointestinal Lesions Using a Deep Learningâ€“Based Classification and Retrieval Framework With a Large Endoscopic Database: Model Development and Validation. Journal of Medical Internet Research, 2020, 22, e18563.	2.1	16
97	Image Quality Enhancement Using the Direction and Thickness of Vein Lines for Finger-Vein Recognition. International Journal of Advanced Robotic Systems, 2012, 9, 154.	1.3	15
98	Robust Eye and Pupil Detection Method for Gaze Tracking. International Journal of Advanced Robotic Systems, 2013, 10, 98.	1.3	15
99	Compensation Method of Natural Head Movement for Gaze Tracking System Using an Ultrasonic Sensor for Distance Measurement. Sensors, 2016, 16, 110.	2.1	15
100	Thermal Image Reconstruction Using Deep Learning. IEEE Access, 2020, 8, 126839-126858.	2.6	15
101	Semantic Segmentation With Low Light Images by Modified CycleGAN-Based Image Enhancement. IEEE Access, 2020, 8, 93561-93585.	2.6	15
102	Diabetic and Hypertensive Retinopathy Screening in Fundus Images Using Artificially Intelligent Shallow Architectures. Journal of Personalized Medicine, 2022, 12, 7.	1.1	15
103	A comparative study of facial appearance modeling methods for active appearance models. Pattern Recognition Letters, 2009, 30, 1335-1346.	2.6	14
104	Action Recognition From Thermal Videos Using Joint and Skeleton Information. IEEE Access, 2021, 9, 11716-11733.	2.6	14
105	Detecting Blastocyst Components by Artificial Intelligence for Human Embryological Analysis to Improve Success Rate of In Vitro Fertilization. Journal of Personalized Medicine, 2022, 12, 124.	1.1	14
106	Gaze Tracking System for User Wearing Glasses. Sensors, 2014, 14, 2110-2134.	2.1	13
107	A High Performance Banknote Recognition System Based on a One-Dimensional Visible Light Line Sensor. Sensors, 2015, 15, 14093-14115.	2.1	13
108	Segmentation method of eye region based on fuzzy logic system for classifying open and closed eyes. Optical Engineering, 2015, 54, 033103.	0.5	13

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109	Banknote recognition based on optimization of discriminative regions by genetic algorithm with one-dimensional visible-light line sensor. Pattern Recognition, 2017, 72, 27-43.	5.1	13
110	SlimDeblurGAN-Based Motion Deblurring and Marker Detection for Autonomous Drone Landing. Sensors, 2020, 20, 3918.	2.1	13
111	Restoration of Motion Blurred Image by Modified DeblurGAN for Enhancing the Accuracies of Finger-Vein Recognition. Sensors, 2021, 21, 4635.	2.1	13
112	Enhanced Iris Recognition Method by Generative Adversarial Network-Based Image Reconstruction. IEEE Access, 2021, 9, 10120-10135.	2.6	13
113	Recognition of Banknote Fitness Based on a Fuzzy System Using Visible Light Reflection and Near-infrared Light Transmission Images. Sensors, 2016, 16, 863.	2.1	12
114	Periocular-based biometrics robust to eye rotation based on polar coordinates. Multimedia Tools and Applications, 2017, 76, 11177-11197.	2.6	12
115	Multilevel Deep-Aggregated Boosted Network to Recognize COVID-19 Infection from Large-Scale Heterogeneous Radiographic Data. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1881-1891.	3.9	12
116	A novel portable iris recognition system and usability evaluation. International Journal of Control, Automation and Systems, 2010, 8, 91-98.	1.6	11
117	Recognizing Banknote Fitness with a Visible Light One Dimensional Line Image Sensor. Sensors, 2015, 15, 21016-21032.	2.1	11
118	Multi-National Banknote Classification Based on Visible-light Line Sensor and Convolutional Neural Network. Sensors, 2017, 17, 1595.	2.1	11
119	Multimodal Camera-Based Gender Recognition Using Human-Body Image With Two-Step Reconstruction Network. IEEE Access, 2019, 7, 104025-104044.	2.6	11
120	Visible-Light Camera Sensor-Based Presentation Attack Detection for Face Recognition by Combining Spatial and Temporal Information. Sensors, 2019, 19, 410.	2.1	11
121	Deep Features Aggregation-Based Joint Segmentation of Cytoplasm and Nuclei in White Blood Cells. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3685-3696.	3.9	11
122	Efficient Banknote Recognition Based on Selection of Discriminative Regions with One-Dimensional Visible-Light Line Sensor. Sensors, 2016, 16, 328.	2.1	10
123	Deep Learning-Based Multinational Banknote Type and Fitness Classification with the Combined Images by Visible-Light Reflection and Infrared-Light Transmission Image Sensors. Sensors, 2019, 19, 792.	2.1	10
124	Region-Based Removal of Thermal Reflection Using Pruned Fully Convolutional Network. IEEE Access, 2020, 8, 75741-75760.	2.6	10
125	New Fuzzy-Based Retinex Method for the Illumination Normalization of Face Recognition. International Journal of Advanced Robotic Systems, 2012, 9, 103.	1.3	9
126	Nonwearable Gaze Tracking System for Controlling Home Appliance. Scientific World Journal, The, 2014, 2014, 1-20.	0.8	9

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127	Fuzzy System-Based Target Selection for a NIR Camera-Based Gaze Tracker. Sensors, 2017, 17, 862.	2.1	9
128	Convolutional Neural Network-Based Periocular Recognition in Surveillance Environments. IEEE Access, 2018, 6, 57291-57310.	2.6	9
129	A Study on the Elimination of Thermal Reflections. IEEE Access, 2019, 7, 174597-174611.	2.6	9
130	GAN-Based Blur Restoration for Finger Wrinkle Biometrics System. IEEE Access, 2020, 8, 49857-49872.	2.6	9
131	DMDF-Net: Dual multiscale dilated fusion network for accurate segmentation of lesions related to COVID-19 in lung radiographic scans. Expert Systems With Applications, 2022, 202, 117360.	4.4	9
132	A study on restoration of iris images with motionâ€andâ€optical blur on mobile iris recognition devices. International Journal of Imaging Systems and Technology, 2009, 19, 323-331.	2.7	8
133	Object Recognition and Selection Method by Gaze Tracking and SURF Algorithm. , 2011, , .		8
134	Driverâ€™s eye-based gaze tracking system by one-point calibration. Multimedia Tools and Applications, 2019, 78, 7155-7179.	2.6	8
135	Finger-Vein Recognition Using Heterogeneous Databases by Domain Adaption Based on a Cycle-Consistent Adversarial Network. Sensors, 2021, 21, 524.	2.1	8
136	Enhanced Cycle Generative Adversarial Network for Generating Face Images of Untrained Races and Ages for Age Estimation. IEEE Access, 2021, 9, 6087-6112.	2.6	8
137	Domain-Adaptive Artificial Intelligence-Based Model for Personalized Diagnosis of Trivial Lesions Related to COVID-19 in Chest Computed Tomography Scans. Journal of Personalized Medicine, 2021, 11, 1008.	1.1	8
138	GRA-GAN: Generative adversarial network for image style transfer of Gender, Race, and age. Expert Systems With Applications, 2022, 198, 116792.	4.4	8
139	Segmenting Retinal Vessels Using a Shallow Segmentation Network to Aid Ophthalmic Analysis. Mathematics, 2022, 10, 1536.	1.1	8
140	Empirical Study on Designing of Gaze Tracking Camera Based on the Information of Userâ€™s Head Movement. Sensors, 2016, 16, 1396.	2.1	7
141	Deep Residual Network-Based Recognition of Finger Wrinkles Using Smartphone Camera. IEEE Access, 2019, 7, 71270-71285.	2.6	7
142	A new query-by-humming system based on the score level fusion of two classifiers. International Journal of Communication Systems, 2012, 25, 717-733.	1.6	6
143	Deep Learning-Based Banknote Fitness Classification Using the Reflection Images by a Visible-Light One-Dimensional Line Image Sensor. Sensors, 2018, 18, 472.	2.1	6
144	ESSN: Enhanced Semantic Segmentation Network by Residual Concatenation of Feature Maps. IEEE Access, 2020, 8, 21363-21379.	2.6	6

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145	Modified Perceptual Cycle Generative Adversarial Network-Based Image Enhancement for Improving Accuracy of Low Light Image Segmentation. IEEE Access, 2021, 9, 6296-6324.	2.6	6
146	Semantic Segmentation by Multi-Scale Feature Extraction Based on Grouped Dilated Convolution Module. Mathematics, 2021, 9, 947.	1.1	6
147	Artificial Intelligence-Based Solution in Personalized Computer-Aided Arthroscopy of Shoulder Prostheses. Journal of Personalized Medicine, 2022, 12, 109.	1.1	6
148	Gaze detection based on head pose estimation in smart TV. , 2013, , .		5
149	AS-RIG: Adaptive Selection of Reconstructed Input by Generator or Interpolation for Person Re-Identification in Cross-Modality Visible and Thermal Images. IEEE Access, 2021, 9, 12055-12066.	2.6	5
150	A New Gaze Estimation Method Considering External Light. Sensors, 2015, 15, 5935-5981.	2.1	4
151	A Fuzzy-Based Fusion Method of Multimodal Sensor-Based Measurements for the Quantitative Evaluation of Eye Fatigue on 3D Displays. Sensors, 2015, 15, 10825-10851.	2.1	4
152	Estimation of Gaze Detection Accuracy Using the Calibration Information-Based Fuzzy System. Sensors, 2016, 16, 60.	2.1	4
153	Face and Body-Based Human Recognition by GAN-Based Blur Restoration. Sensors, 2020, 20, 5229.	2.1	4
154	Presentation Attack Face Image Generation Based on a Deep Generative Adversarial Network. Sensors, 2020, 20, 1810.	2.1	4
155	Image Region Prediction from Thermal Videos Based on Image Prediction Generative Adversarial Network. Mathematics, 2021, 9, 1053.	1.1	4
156	Deep Learning-Based Detection of Fake Multinational Banknotes in a Cross-Dataset Environment Utilizing Smartphone Cameras for Assisting Visually Impaired Individuals. Mathematics, 2022, 10, 1616.	1.1	4
157	Recent Iris and Ocular Recognition Methods in High- and Low-Resolution Images: A Survey. Mathematics, 2022, 10, 2063.	1.1	4
158	Enhancing the Accuracies of Age Estimation With Heterogeneous Databases Using Modified CycleGAN. IEEE Access, 2019, 7, 163461-163477.	2.6	3
159	CycleGAN-Based Deblurring for Gaze Tracking in Vehicle Environments. IEEE Access, 2020, 8, 137418-137437.	2.6	3
160	Fast Query-by-Singing/Humming System That Combines Linear Scaling and Quantized Dynamic Time Warping Algorithm. International Journal of Distributed Sensor Networks, 2015, 11, 176091.	1.3	3
161	Discriminating between intentional and unintentional gaze fixation using multimodal-based fuzzy logic algorithm for gaze tracking system with NIR camera sensor. Optical Engineering, 2016, 55, 063109.	0.5	2
162	Face Recognition Algorithm for Photographs and Viewed Sketch Matching Using Score-Level Fusion. International Journal of Advanced Robotic Systems, 2012, 9, 80.	1.3	1

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163	New System for Tracking a Device for Diagnosing Scalp Skin. Sensors, 2014, 14, 6516-6534.	2.1	1
164	Fuzzy-based estimation of continuous Z-distances and discrete directions of home appliances for NIR camera-based gaze tracking system. Multimedia Tools and Applications, 2018, 77, 11925-11955.	2.6	1
165	Enlargement of the Field of View Based on Image Region Prediction Using Thermal Videos. Mathematics, 2021, 9, 2379.	1.1	1
166	Pedestrian Gender Recognition by Style Transfer of Visible-Light Image to Infrared-Light Image Based on an Attention-Guided Generative Adversarial Network. Mathematics, 2021, 9, 2535.	1.1	1
167	Artificial Intelligence-based Segmentation of Nuclei in Multi-organ Histopathology Images: Model Development and Validation (Preprint). JMIR Medical Informatics, 0, , .	1.3	0