

Dat Tien Nguyen

List of Publications by Year in descending order

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35
papers

1,046
citations

471509

17
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

805
citing authors

#	ARTICLE	IF	CITATIONS
1	Action Recognition From Thermal Videos Using Joint and Skeleton Information. IEEE Access, 2021, 9, 11716-11733.	4.2	14
2	Deep Learning-Based Thermal Image Reconstruction and Object Detection. IEEE Access, 2021, 9, 5951-5971.	4.2	26
3	Thermal Image Reconstruction Using Deep Learning. IEEE Access, 2020, 8, 126839-126858.	4.2	15
4	SlimDeblurGAN-Based Motion Deblurring and Marker Detection for Autonomous Drone Landing. Sensors, 2020, 20, 3918.	3.8	13
5	Enhanced Image-Based Endoscopic Pathological Site Classification Using an Ensemble of Deep Learning Models. Sensors, 2020, 20, 5982.	3.8	19
6	Region-Based Removal of Thermal Reflection Using Pruned Fully Convolutional Network. IEEE Access, 2020, 8, 75741-75760.	4.2	10
7	Presentation Attack Face Image Generation Based on a Deep Generative Adversarial Network. Sensors, 2020, 20, 1810.	3.8	4
8	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.	4.2	17
9	Ultrasound Image-Based Diagnosis of Malignant Thyroid Nodule Using Artificial Intelligence. Sensors, 2020, 20, 1822.	3.8	70
10	Action Recognition From Thermal Videos. IEEE Access, 2019, 7, 103893-103917.	4.2	31
11	Visible-Light Camera Sensor-Based Presentation Attack Detection for Face Recognition by Combining Spatial and Temporal Information. Sensors, 2019, 19, 410.	3.8	11
12	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.	3.8	10
13	A Study on the Elimination of Thermal Reflections. IEEE Access, 2019, 7, 174597-174611.	4.2	9
14	Artificial Intelligence-Based Thyroid Nodule Classification Using Information from Spatial and Frequency Domains. Journal of Clinical Medicine, 2019, 8, 1976.	2.4	59
15	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.	3.9	1
16	Deep Learning-Based Multinational Banknote Fitness Classification with a Combination of Visible-Light Reflection and Infrared-Light Transmission Images. Symmetry, 2018, 10, 431.	2.2	2
17	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.	3.8	31
18	Deep Learning-Based Banknote Fitness Classification Using the Reflection Images by a Visible-Light One-Dimensional Line Image Sensor. Sensors, 2018, 18, 472.	3.8	6

#	ARTICLE	IF	CITATIONS
19	Combining Deep and Handcrafted Image Features for Presentation Attack Detection in Face Recognition Systems Using Visible-Light Camera Sensors. <i>Sensors</i> , 2018, 18, 699.	3.8	76
20	Presentation Attack Detection for Iris Recognition System Using NIR Camera Sensor. <i>Sensors</i> , 2018, 18, 1315.	3.8	19
21	Periocular-based biometrics robust to eye rotation based on polar coordinates. <i>Multimedia Tools and Applications</i> , 2017, 76, 11177-11197.	3.9	12
22	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> , 2017, 17, 637.	3.8	34
23	Spoof Detection for Finger-Vein Recognition System Using NIR Camera. <i>Sensors</i> , 2017, 17, 2261.	3.8	32
24	Person Recognition System Based on a Combination of Body Images from Visible Light and Thermal Cameras. <i>Sensors</i> , 2017, 17, 605.	3.8	325
25	Fuzzy System-Based Face Detection Robust to In-Plane Rotation Based on Symmetrical Characteristics of a Face. <i>Symmetry</i> , 2016, 8, 75.	2.2	4
26	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> , 2016, 16, 1134.	3.8	16
27	Body-Based Gender Recognition Using Images from Visible and Thermal Cameras. <i>Sensors</i> , 2016, 16, 156.	3.8	26
28	Nonintrusive Finger-Vein Recognition System Using NIR Image Sensor and Accuracy Analyses According to Various Factors. <i>Sensors</i> , 2015, 15, 16866-16894.	3.8	26
29	Recognizing Banknote Fitness with a Visible Light One Dimensional Line Image Sensor. <i>Sensors</i> , 2015, 15, 21016-21032.	3.8	11
30	Human Age Estimation Method Robust to Camera Sensor and/or Face Movement. <i>Sensors</i> , 2015, 15, 21898-21930.	3.8	17
31	Age Estimation-Based Soft Biometrics Considering Optical Blurring Based on Symmetrical Sub-Blocks for MLBP. <i>Symmetry</i> , 2015, 7, 1882-1913.	2.2	8
32	Comparative Study of Human Age Estimation with or without Preclassification of Gender and Facial Expression. <i>Scientific World Journal</i> , The, 2014, 2014, 1-15.	2.1	23
33	Human Age Estimation Based on Multi-level Local Binary Pattern and Regression Method. <i>Lecture Notes in Electrical Engineering</i> , 2014, , 433-438.	0.4	13
34	Finger-Vein Image Enhancement Using a Fuzzy-Based Fusion Method with Gabor and Retinex Filtering. <i>Sensors</i> , 2014, 14, 3095-3129.	3.8	51
35	Gaze detection based on head pose estimation in smart TV. , 2013, , .		5