

Takuya Akashi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2001567/publications.pdf>

Version: 2024-02-01

46
papers

178
citations

1478505

6
h-index

1372567

10
g-index

46
all docs

46
docs citations

46
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	DS&SR: Diversity similarity measure against scaling, rotation, and illumination change for robust template matching. IET Image Processing, 2022, 16, 2738-2751.	2.5	2
2	Curb Detection Using a Novel Deep Learning Framework Based on <scp>YOLO</scp>â&v2. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 1321-1329.	1.4	1
3	Performance Comparison of Populationâ–Based Metaâ–Heuristic Algorithms in Affine Template Matching. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 117-126.	1.4	3
4	Application of Facial Symmetrical Characteristic to Transfer Learning. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 108-116.	1.4	8
5	Reconstruction of Partially Occluded Facial Image for Classification. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 600-608.	1.4	6
6	Braille Block Detection via Multi-Objective Optimization from an Egocentric Viewpoint. Sensors, 2021, 21, 2775.	3.8	0
7	Possibility of predicting target position immediately by anchor object. Journal of Vision, 2021, 21, 2454.	0.3	0
8	Coarse-to-Fine Evolutionary Method for Fast Horizon Detection in Maritime Images. IEICE Transactions on Information and Systems, 2021, E104.D, 2226-2236.	0.7	2
9	TemplateFree: product detection on retail store shelves. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 242-251.	1.4	5
10	Blur-Countering Keypoint Detection via Eigenvalue Asymmetry. IEEE Access, 2020, 8, 159077-159088.	4.2	2
11	Application of evolutionary and swarm optimization in computer vision: a literature survey. IPSJ Transactions on Computer Vision and Applications, 2020, 12, .	4.4	22
12	Center-Symmetrical Object Detection Based on Gabor Wavelets. IEEE Access, 2020, 8, 220869-220877.	4.2	0
13	A vision system for canning with fish sensing using ruleâ–based matching and segmentation. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 956-964.	1.4	0
14	Perspective template matching by differential evolution introducing the group remaking. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 918-927.	1.4	2
15	Defect inspection of coated automobile roofs using a single camera. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 616-625.	1.4	3
16	The real-time reliable detection of the horizon line on high-resolution maritime images for unmanned surface-vehicle. , 2020, , .		6
17	Visionâ–based facial oil blotting paper counting. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 899-907.	1.4	2
18	Recurrent bidirectional visual human pose retrieval. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 1074-1081.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Affine template matching by differential evolution with adaptive two-part search. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 615-622.	1.4	5
20	Segmentation based Non-learning Product Detection for Product Recognition on Store Shelves. , 2019, , .		3
21	Cross-Domain Deep Feature Combination for Bird Species Classification with Audio-Visual Data. IEICE Transactions on Information and Systems, 2019, E102.D, 2033-2042.	0.7	10
22	3D Point Cloud Retrieval With Bidirectional Feature Match. IEEE Access, 2019, 7, 164194-164202.	4.2	6
23	Automatic visual inspection method for a coated surface having an orange peel effect. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 433-440.	1.4	4
24	Deterministic crowding introducing the distribution of population for template matching. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 480-488.	1.4	4
25	Basic Study on Facial Oil Blotting Paper Counting Using a Webcam. , 2018, , .		2
26	Multi-view face detection using frontal face detector. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 1011-1019.	1.4	6
27	Construction of a Novel Robot System for Fixed Can-Filling Works in Fishery Processing. Japan Journal of Food Engineering, 2018, 19, 173-184.	0.3	1
28	High-speed multiview face localization and tracking with a minimum bounding box using genetic algorithm. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 736-743.	1.4	4
29	Two-Side Agreement Learning for Non-Parametric Template Matching. IEICE Transactions on Information and Systems, 2017, E100.D, 140-149.	0.7	2
30	A novel rat head gaze determination system based on optomotor responses. PLoS ONE, 2017, 12, e0176633.	2.5	6
31	Study on Underwater Robot to Investigate Condition of Ship's bottom. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 2P1-E12.	0.0	0
32	Robust Non-Parametric Template Matching with Local Rigidity Constraints. IEICE Transactions on Information and Systems, 2016, E99.D, 2332-2340.	0.7	1
33	Robust Projective Template Matching. IEICE Transactions on Information and Systems, 2016, E99.D, 2341-2350.	0.7	12
34	Robust Visual Tracking via Coupled Randomness. IEICE Transactions on Information and Systems, 2015, E98.D, 1080-1088.	0.7	4
35	High-Speed and Local-Changes Invariant Image Matching. IEICE Transactions on Information and Systems, 2015, E98.D, 1958-1966.	0.7	2
36	Profile face detection using flipping scheme with genetic algorithm. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
37	Fast Affine Template Matching over Galois Field. , 2015, , .		15
38	Decay rate and α gain analysis for the particle swarm optimization algorithm. Asian Journal of Control, 2012, 14, 125-136.	3.0	4
39	Decoupling of Getting Lip Detection Device Using Ultrasonic Radar by Changing Duty Ratio of Transmission Wave. IEEJ Transactions on Industry Applications, 2010, 130, 599-604.	0.2	0
40	Stability Analysis of the Particle Swarm Optimization Algorithm. Transactions of the Institute of Systems Control and Information Engineers, 2010, 23, 9-15.	0.1	2
41	PI control adjusted by GA for ultrasonic motor. Electrical Engineering in Japan (English Translation) Tj ETQq1 1 0.784314 rgBT/Overlook	0.4	7
42	Interactive Interface with Evolutionary Eye Sensing and Physiological Knowledge. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 1288-1295.	0.2	3
43	Hour-Glass Neural Network Based Daily Money Flow Estimation for Automatic Teller Machines. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 1325-1330.	0.2	0
44	Image Morphing and Warping: Application to Speech Simulation Using a Single Image. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2009, 13, 441-446.	0.9	1
45	High Speed Genetic Lips Detection by Dynamic Search Domain Control. IEEJ Transactions on Electronics, Information and Systems, 2007, 127, 854-866.	0.2	5
46	Artificial Bee Colony for Affine and Perspective Template Matching. IEEJ Transactions on Electrical and Electronic Engineering, 0, , .	1.4	3