

Hironobu Fujiyoshi

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

488
citations

1684188

5
h-index

1281871

11
g-index

36
all docs

36
docs citations

36
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	MT-DSSD: multi-task deconvolutional single shot detector for object detection, segmentation, and grasping detection. <i>Advanced Robotics</i> , 2022, 36, 373-387.	1.8	4
2	Visual Explanation on Deep Reinforcement Learning. <i>Journal of the Robotics Society of Japan</i> , 2022, 40, 212-217.	0.1	0
3	Semantic Segmentation And Change Detection By Multi-Task U-Net. , 2021, , .		5
4	Multi-Domain Semantic-Segmentation using Multi-Head Model. , 2021, , .		5
5	Image Captioning for Near-Future Events from Vehicle Camera Images and Motion Information. , 2021, , .		3
6	MT-DSSD: Deconvolutional Single Shot Detector Using Multi Task Learning for Object Detection, Segmentation, and Grasping Detection. , 2020, , .		21
7	Alleviating the Burden of Labeling: Sentence Generation by Attention Branch Encoder-Decoder Network. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 5945-5952.	5.1	6
8	Detecting layered structures of partially occluded objects for bin picking. , 2019, , .		4
9	Attention Branch Network: Learning of Attention Mechanism for Visual Explanation. , 2019, , .		284
10	Attention Neural Baby Talk: Captioning of Risk Factors while Driving. , 2019, , .		4
11	Can <scp>AI</scp> predict animal movements? Filling gaps in animal trajectories using inverse reinforcement learning. <i>Ecosphere</i> , 2018, 9, e02447.	2.2	23
12	Competition Report of Amazon Robotics Challenge 2017. <i>Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers</i> , 2018, 72, 368-374.	0.1	1
13	Robotics Engineering Education Based on ROS. <i>Journal of the Robotics Society of Japan</i> , 2017, 35, 299-302.	0.1	1
14	Boosted Random Forest. <i>IEICE Transactions on Information and Systems</i> , 2015, E98.D, 1630-1636.	0.7	51
15	A Compensation Method of Motion Features with Regression for Deficient Depth Image. <i>IPSJ Transactions on Computer Vision and Applications</i> , 2014, 6, 103-110.	4.4	0
16	Efficient Learning Method for Human Detection based on Automatic Generation of Training Samples with the Negative-Bag MILBoost. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2014, 134, 450-458.	0.2	0
17	Hybrid Transfer Learning for Efficient Learning in Object Detection. , 2013, , .		3
18	Practice of PBL Curriculum in the Department of Engineering. <i>Journal of the Robotics Society of Japan</i> , 2013, 31, 161-168.	0.1	5

#	ARTICLE	IF	CITATIONS
19	Keypoint Recognition with Two-Stage Randomized Trees. IEICE Transactions on Information and Systems, 2012, E95.D, 1766-1774.	0.7	2
20	Multi-Dimensional Sensing for Security in Everyday Life. IEEJ Transactions on Industry Applications, 2011, 131, 418-425.	0.2	0
21	Fostering UML Modeling Skills and Social Skills through Programming Education. , 2010, , .		1
22	A method for estimating cut-edit points in personal videos. , 2010, , .		1
23	Action Classification by Joint Boosting Using Spatiotemporal and Depth Information. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 1554-1560.	0.2	3
24	Object detection by joint features based on two-stage boosting. , 2009, , .		9
25	Method for generating videowith virtual camerawork using bi-directional object tracking between keyframes. , 2009, , .		0
26	Shot boundary detection using co-occurrence of global motion in video stream. , 2008, , .		2
27	People detection based on co-occurrence of appearance and spatiotemporal features. , 2008, , .		10
28	A method of feature selection using contribution ratio based on boosting. , 2008, , .		1
29	Recognition of Road Contours Based on Extraction of 3D Positions of Delineators. , 2007, , .		1
30	Combined Object Detection and Segmentation by Using Space-Time Patches. , 2007, , 915-924.		3
31	A framework for designing and improving learning environments fostering creativity. Psicologia Escolar E Educacional, 2007, 11, 59-69.	0.3	10
32	Generating a Time Shrunk Lecture Video by Event Detection. , 2006, , .		9
33	Evaluation of a Fingerprint Verification Method Based on LPC Analysis. IEEJ Transactions on Electronics, Information and Systems, 2002, 122, 799-807.	0.2	6
34	Segmentation and Recognition of Serial Numbers in License Plate. IEEJ Transactions on Electronics, Information and Systems, 2001, 121, 1354-1361.	0.2	3
35	Area extraction of license plates using an artificial neural network. Systems and Computers in Japan, 1998, 29, 55-64.	0.2	2
36	Predicting and attending to damaging collisions for placing everyday objects in photo-realistic simulations. Advanced Robotics, 0, , 1-13.	1.8	5