

Itsuo Kumazawa

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

102
citations

2258059

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1872680

6
g-index

33
all docs

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docs citations

33
times ranked

92
citing authors

#	ARTICLE	IF	CITATIONS
1	Total generalized variation for graph signals. , 2015, , .		18
2	A comparative study of image quality assessment. , 2018, , .		12
3	A Constrained Convex Optimization Approach to Hyperspectral Image Restoration with Hybrid Spatio-Spectral Regularization. Remote Sensing, 2020, 12, 3541.	4.0	10
4	Blind Spot Obstacle Detection from Monocular Camera Images with Depth Cues Extracted by CNN. Automotive Innovation, 2018, 1, 362-373.	5.1	9
5	Optical multiple-variable fuzzy logic array using shadow casting. Microwave and Optical Technology Letters, 1993, 6, 106-109.	1.4	8
6	Heart Abnormality Classification Using Phonocardiogram (PCG) Signals. , 2018, , .		8
7	Combining features for RGB-D object recognition. , 2017, , .		7
8	On the Use of Class Activation Map on Rice Blast Disease Identification and Localization. , 2022, , .		6
9	A level-based method for urban mapping using NPP-VIIRS nighttime light data. , 2015, , .		4
10	Haptic mouse with quick and flexible tactile feedback generated by double control loop. , 2010, , .		3
11	Character segmentation on traffic panels using visual appearance from roadside imagery. , 2017, , .		3
12	Super-resolution land cover mapping based on deep learning and level set method. , 2017, , .		3
13	A Cloud-Contamination Removal Algorithm by Combining Image Segmentation and Level-set-based Approaches for Remote Sensing Images. , 2018, , .		3
14	Online Boosting Algorithm Based on Two-Phase SVM Training. ISRN Signal Processing, 2012, 2012, 1-8.	2.9	2
15	Image reconstruction from erroneous projectionsâ€”radon transform as an analog coding. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English) Tj ETQq1 1 0.784314 r9BT /Overlck 10 T 5		1
16	A new measurement methodology of multi-finger tracking for handheld device control using mixed reality. , 2007, , .		1
17	Occlusion-Robust Human Tracking with Integrated Multi-View Depth Imagery. IEICE Transactions on Information and Systems, 2014, E97.D, 3181-3191.	0.7	1
18	Combined Use of Rear Touch Gestures and Facial Feature Detection to Achieve Single-Handed Navigation of Mobile Devices. IEEE Transactions on Human-Machine Systems, 2016, 46, 684-693.	3.5	1

#	ARTICLE	IF	CITATIONS
19	Image quality assessment for medical images based on gradient information. , 2018, , .		1
20	A Framework for Generating an ICGA from a Fundus Image using GAN. , 2022, , .		1
21	Redundancy of projection data and its application to improve the quality of a reconstructed image. Systems and Computers in Japan, 1985, 16, 87-96.	0.2	0
22	Availability of redundancy of projection data applied to reduce the noise sensitivity of reconstructed images. Systems and Computers in Japan, 1986, 17, 75-83.	0.2	0
23	A design technique for adaptive filter using lattice elements as adaptation modules. Electronics and Communications in Japan, 1987, 70, 45-54.	0.1	0
24	Vowel recognition using an LPC deviation model. Electronics and Communications in Japan, 1987, 70, 30-43.	0.1	0
25	Optical chip implementation of cellular automata. Microwave and Optical Technology Letters, 1992, 5, 493-496.	1.4	0
26	A finger attachment to generate tactile feedback and make 3D gesture detectable by touch panel sensor. , 2010, , .		0
27	MEMS-based handheld single-axis confocal microscope design and experiment. , 2011, , .		0
28	A robust image retrieval system for mobile guide applications. International Journal of Intelligent Systems, 2012, 27, 301-316.	5.7	0
29	Various forms of tactile feedback displayed on the back of the tablet: Latency minimized by using audio signal to control actuators. , 2015, , .		0
30	What can we feel on the back of the tablet? — A thin mechanism to display two dimensional motion on the back and its characteristics. , 2015, , .		0
31	A multi-modal interactive tablet with tactile feedback, rear and lateral operation for maximum front screen visibility. , 2016, , .		0
32	A Cloud Removal Algorithm Based on a Level-Set Method: Case Study Multitemporal Landsat 8 Oli Images. , 2018, , .		0
33	Data Filtering Method based on LSTM for Non-Water-Stressed Baseline Estimation in Real-time Crop Water Stress Monitoring. , 2022, , .		0