Sunu Wibirama

List of Publications by Year
in descending order

44	350	1478505	1281871
papers	citations	6	11
		h-index	g-index

45	45	45	248
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sliding variance and data range for lightweight sports activity recognition with fusion of modalities. Journal of King Saud University - Computer and Information Sciences, 2020, 32, 775-783.	3.9	1
2	Physical discomfort and eye movements during arbitrary and optical flow-like motions in stereo 3D contents. Virtual Reality, 2020, 24, 39-51.	6.1	14
3	Depth gaze and ECG based frequency dynamics during motion sickness in stereoscopic 3D movie. Entertainment Computing, 2018, 26, 117-127.	2.9	23
4	Population condition analysis of Jakarta land deformation area. IOP Conference Series: Earth and Environmental Science, 2018, 148, 012007.	0.3	6
5	EEG Motor Imagery Signal Classification Using Firefly Support Vector Machine. , 2018, , .		1
6	Performance of Human Motion Analysis: A Comparison. , 2018, , .		0
7	Information System Platform for Outbreak Investigation: A Case Study in Department of Biostatistic, Epidemiology and Public Health, Gadjah Mada University. , 2018, , .		0
8	Robust Pupil Localization Algorithm Based on Circular Hough Transform for Extreme Pupil Occlusion. , 2018, , .		9
9	Adaptive Threshold Determination Based on Entropy in Active Contour without Edge Method for Malaria Parasite Candidate Detection. , 2018, , .		4
10	River body extraction and classification using enhanced models of modified normalized water difference index at Yeh Unda River Bali. , 2018, , .		2
11	Similarity measures of object selection in interactive applications based on smooth pursuit eye movements. , 2018, , .		10
12	A Novel User Experience Study of Parallax Scrolling using Eye Tracking and User Experience Questionnaire. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1226.	0.4	4
13	Estimating 3D gaze in physical environment: a geometric approach on consumer-level remote eye tracker. , 2017, , .		0
14	Evaluating 3D gaze tracking in virtual space: A computer graphics approach. Entertainment Computing, 2017, 21, 11-17.	2.9	21
15	Long distance Automatic Number Plate Recognition under perspective distortion using zonal density and Support Vector Machine. , 2017, , .		4
16	User interface design for android-based family genealogy social media. , 2017, , .		2
17	Gender recognition using PCA and LDA with improve preprocessing and classification technique. , 2017, , .		10
18	Comparison expert and novice scan behavior for using e-learning. , 2017, , .		0

#	Article	IF	Citations
19	Performance comparison of signal processing filters on smooth pursuit eye movements. , 2017, , .		7
20	Examining the effect of website complexity and task complexity in web-based learning management system. , 2017, , .		5
21	Towards understanding addiction factors of mobile devices: An eye tracking study on effect of screen size. , 2017, 2017, 2454-2457.		10
22	Evaluating user experience of english learning interface using User Experience Questionnaire and System Usability Scale. , 2017, , .		14
23	Contrast Enhancement Analysis to Detect Glaucoma Based on Texture Feature in Retinal Fundus Image. Advanced Science Letters, 2017, 23, 2326-2328.	0.2	3
24	Information Extraction of Optical Answer Sheet (LJK) Based on Image Processing Using Smartphone Camera. Advanced Science Letters, 2017, 23, 2281-2284.	0.2	0
25	Investigation of visual attention in day-night driving simulator during cybersickness occurrence. , 2016, , .		11
26	Real-time traffic classification with Twitter data mining. , 2016, , .		24
27	Light sport exercise detection based on smartwatch and smartphone using k-Nearest Neighbor and Dynamic Time Warping algorithm. , 2016, , .		18
28	Spinal curvature determination from scoliosis X-Ray image using sum of squared difference template matching. , 2016, , .		8
29	Robust pupil tracking algorithm based on ellipse fitting. , 2016, , .		13
30	Effects of morning-night differences and sleep deprivation on situation awareness and driving performance. , 2016, , .		12
31	Feature extraction for lesion margin characteristic classification from CT Scan lungs image. , 2016, , .		14
32	Welcome message from the general chair. , 2016, , .		0
33	Welcome message from the general chair. , 2016, , .		0
34	3D gaze tracking in real world environment using orthographic projection. AIP Conference Proceedings, 2016, , .	0.4	2
35	Quantifying visual attention and visually induced motion sickness during day-night driving and sleep deprivation. , 2015, , .		11
36	Automated segmentation of optic disc area using mathematical morphology and active contour. , 2015, , .		6

#	Article	IF	Citations
37	Perspective rectification in vehicle number plate recognition using 2D-2D transformation of Planar Homography. , 2015, , .		7
38	Investigation of visually induced motion sickness in dynamic 3D contents based on subjective judgment, heart rate variability, and depth gaze behavior. , 2014, 2014, 4803-6.		21
39	3D Gaze Tracking on Stereoscopic Display Using Optimized Geometric Method. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 345-352.	0.2	11
40	Design and implementation of gaze tracking headgear for Nvidia 3D Vision^{®}. , 2013, , .		9
41	Dual‐camera acquisition for accurate measurement of three‐dimensional eye movements. IEEJ Transactions on Electrical and Electronic Engineering, 2013, 8, 238-246.	1.4	13
42	3D gaze tracking system for NVidia 3D Vision^{®}. , 2013, 2013, 3194-7.		5
43	MONITORING AND ANALYSIS OF LANDSLIDE HAZARD USING DINSAR TECHNIQUE APPLIED TO ALOS PALSAR IMAGERY: A CASE STUDY IN KAYANGAN CATCHMENT AREA, YOGYAKARTA, INDONESIA. Journal of Urban and Environmental Engineering, 2013, 7, 308-322.	0.3	9
44	Comparison Study of Muscular-Contraction Classification Between Independent Component Analysis and Artificial Neural Network. , 2008, , .		5