Fumio Okura

List of Publications by Year in descending order

		1163117	940533
37 papers	379 citations	8 h-index	16 g-index
38 all docs	38 docs citations	38 times ranked	375 citing authors

#	ARTICLE	IF	CITATIONS
1	Training instance segmentation neural network with synthetic datasets for crop seed phenotyping. Communications Biology, 2020, 3, 173.	4.4	81
2	RGB-D video-based individual identification of dairy cows using gait and texture analyses. Computers and Electronics in Agriculture, 2019, 165, 104944.	7.7	62
3	Teleoperation of mobile robots by generating augmented free-viewpoint images. , 2013, , .		22
4	Probabilistic Plant Modeling via Multi-view Image-to-Image Translation. , 2018, , .		21
5	3D modeling and reconstruction of plants and trees: A cross-cutting review across computer graphics, vision, and plant phenotyping. Breeding Science, 2022, 72, 31-47.	1.9	21
6	Early Detection of Lower MMSE Scores in Elderly Based on Dual-Task Gait. IEEE Access, 2019, 7, 40085-40094.	4.2	20
7	Gait collector: An automatic gait data collection system in conjunction with an experience-based long-run exhibition. , 2016, , .		18
8	Statistical Analysis of Dual-task Gait Characteristics for Cognitive Score Estimation. Scientific Reports, 2019, 9, 19927.	3.3	16
9	Unifying Color and Texture Transfer for Predictive Appearance Manipulation. Computer Graphics Forum, 2015, 34, 53-63.	3.0	14
10	Mixed-Reality World Exploration Using Image-Based Rendering. Journal on Computing and Cultural Heritage, 2015, 8, 1-26.	2.1	14
11	Augmented telepresence using autopilot airship and omni-directional camera. , 2010, , .		12
12	[Paper] Free-viewpoint Mobile Robot Teleoperation Interface Using View-dependent Geometry and Texture. ITE Transactions on Media Technology and Applications, 2014, 2, 82-93.	0.5	11
13	Fly-through Heijo palace site. , 2011, , .		7
14	Background Estimation for a Single Omnidirectional Image Sequence Captured with a Moving Camera. IPSJ Transactions on Computer Vision and Applications, 2014, 6, 68-72.	4.4	6
15	[Paper] Automatic Collection of Dual-task Human Behavior for Analysis of Cognitive Function. ITE Transactions on Media Technology and Applications, 2018, 6, 138-150.	0.5	6
16	Exploring the mechanical and morphological rationality of tree branch structure based on 3D point cloud analysis and the finite element method. Scientific Reports, 2022, 12, 4054.	3.3	6
17	Full Spherical High Dynamic Range Imaging from the Sky. , 2012, , .		5
18	Estimating 3D human shape under clothing from a single RGB image. IPSJ Transactions on Computer Vision and Applications, 2018, 10, .	4.4	5

#	Article	IF	Citations
19	Mobile AR using pre-captured omnidirectional images. , 2013, , .		4
20	Directional characteristics evaluation of silhouette-based gait recognition. IPSJ Transactions on Computer Vision and Applications, 2018, 10, .	4.4	4
21	[Poster] Indirect augmented reality considering real-world illumination change. , 2014, , .		3
22	Aerial full spherical HDR imaging and display. Virtual Reality, 2014, 18, 255-269.	6.1	3
23	Motion Parallax Representation for Indirect Augmented Reality. , 2016, , .		3
24	Addressing temporal inconsistency in indirect augmented reality. Multimedia Tools and Applications, 2017, 76, 2671-2695.	3.9	3
25	Symmetric-light Photometric Stereo. , 2022, , .		2
26	Tone mapping for HDR images with dimidiate luminance and spatial distributions of bright and dark regions. Proceedings of SPIE, 2012, , .	0.8	1
27	Interactive exploration of augmented aerial scenes with free-viewpoint image generation from pre-rendered images. , 2013, , .		1
28	[Papers] Growth Assessment of School-age Children using Dualtask Observation. ITE Transactions on Media Technology and Applications, 2018, 6, 286-296.	0.5	1
29	Descriptor-Free Multi-view Region Matching for Instance-Wise 3D Reconstruction. Lecture Notes in Computer Science, 2021, , 581-599.	1.3	1
30	Detecting Lower MMSE Scores in Older Adults Using Cross-Trial Features From a Dual-Task With Gait and Arithmetic. IEEE Access, 2021, 9, 150268-150282.	4.2	1
31	Shape-coded ArUco: Fiducial Marker for Bridging 2D and 3D Modalities. , 2022, , .		1
32	Early Detection of Low Cognitive Scores from Dual-task Performance Data Using a Spatio-temporal Graph Convolutional Neural Network. , 2021, 2021, 1895-1901.		1
33	Fly-through heijo palace site. , 2012, , .		0
34	Spacetime freeview generation using image-based rendering, relighting, and augmented telepresence. , 2012, , .		0
35	Human Localization Using aÂSingle Camera Towards Social Distance Monitoring During Sports. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 481-486.	0.3	0
36	Close-Contact Detection Using a Single Camera for Sports Considering Occlusion. IEEE Access, 2022, 10, 15457-15468.	4.2	0

#	Article	IF	Citations
37	Shape and Albedo Recovery by Your Phone using Stereoscopic Flash and No-Flash Photography. International Journal of Computer Vision, 0, , 1.	15.6	0