

Shu-Yin Chiang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

162
citations

1478505

6
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid self-localization of robot based on omnidirectional vision technology. Machine Vision and Applications, 2020, 31, 1.	2.7	2
2	Posture control for humanoid robot on uneven ground and slopes using inertial sensors. Advances in Mechanical Engineering, 2020, 12, 168781402095718.	1.6	5
3	Study on emotion recognition and companion Chatbot using deep neural network. Multimedia Tools and Applications, 2020, 79, 19629-19657.	3.9	28
4	Localization and obstacle avoidance in soccer competition of humanoid robot by gait and vision system. Knowledge Engineering Review, 2019, 34, .	2.6	2
5	Imitation of human motion for humanoid robot in lift and carry event. Knowledge Engineering Review, 2019, 34, .	2.6	1
6	Vision-based obstacle avoidance system with fuzzy logic for humanoid robots. Knowledge Engineering Review, 2017, 32, .	2.6	4
7	The design of intelligent interactive service robot. , 2017, , .		2
8	Dynamic imitation of human motion for humanoid robot. , 2017, , .		3
9	Fuzzy Computing Model of Activity Recognition on WSN Movement Data for Ubiquitous Healthcare Measurement. Sensors, 2016, 16, 2053.	3.8	15
10	A power scheme of a wireless sensor network node for debris flow monitoring with move-triggered wake-up. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2016, 39, 841-849.	1.1	2
11	Real-Time Self-Localization of a Mobile Robot by Vision and Motion System. International Journal of Fuzzy Systems, 2016, 18, 999-1007.	4.0	8
12	Cooperative dual camera surveillance system for real-time object searching and close-up viewing. , 2016, , .		0
13	Real-time self-localization of a mobile robot by vision and motion system. , 2015, , .		4
14	An Activity Recognition Model Using Inertial Sensor Nodes in a Wireless Sensor Network for Frozen Shoulder Rehabilitation Exercises. Sensors, 2015, 15, 2181-2204.	3.8	43
15	Self-localization for an autonomous mobile robot based on an omni-directional vision system. Proceedings of SPIE, 2014, , .	0.8	1
16	Real time self-localization of omni-vision robot by pattern match system. , 2014, , .		7
17	Re-entrant lines with unreliable asynchronous machines and finite buffers: performance approximation and bottleneck identification. International Journal of Production Research, 2012, 50, 977-990.	7.5	16
18	Performance approximation of re-entrant lines with unreliable exponential machines and finite buffers. International Journal of Advanced Manufacturing Technology, 2010, 49, 1151-1159.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Lean Buffering in Serial Production Lines With Nonidentical Exponential Machines. IEEE Transactions on Automation Science and Engineering, 2008, 5, 298-306.	5.2	15