

# Shu-Yin Chiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3750775/publications.pdf>

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	An Activity Recognition Model Using Inertial Sensor Nodes in a Wireless Sensor Network for Frozen Shoulder Rehabilitation Exercises. <i>Sensors</i> , 2015, 15, 2181-2204.	3.8	43
2	Study on emotion recognition and companion Chatbot using deep neural network. <i>Multimedia Tools and Applications</i> , 2020, 79, 19629-19657.	3.9	28
3	Re-entrant lines with unreliable asynchronous machines and finite buffers: performance approximation and bottleneck identification. <i>International Journal of Production Research</i> , 2012, 50, 977-990.	7.5	16
4	Lean Buffering in Serial Production Lines With Nonidentical Exponential Machines. <i>IEEE Transactions on Automation Science and Engineering</i> , 2008, 5, 298-306.	5.2	15
5	Fuzzy Computing Model of Activity Recognition on WSN Movement Data for Ubiquitous Healthcare Measurement. <i>Sensors</i> , 2016, 16, 2053.	3.8	15
6	Real-Time Self-Localization of a Mobile Robot by Vision and Motion System. <i>International Journal of Fuzzy Systems</i> , 2016, 18, 999-1007.	4.0	8
7	Real time self-localization of omni-vision robot by pattern match system. , 2014, , .		7
8	Posture control for humanoid robot on uneven ground and slopes using inertial sensors. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402095718.	1.6	5
9	Performance approximation of re-entrant lines with unreliable exponential machines and finite buffers. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 49, 1151-1159.	3.0	4
10	Real-time self-localization of a mobile robot by vision and motion system. , 2015, , .		4
11	Vision-based obstacle avoidance system with fuzzy logic for humanoid robots. <i>Knowledge Engineering Review</i> , 2017, 32, .	2.6	4
12	Dynamic imitation of human motion for humanoid robot. , 2017, , .		3
13	A power scheme of a wireless sensor network node for debris flow monitoring with move-triggered wake-up. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2016, 39, 841-849.	1.1	2
14	The design of intelligent interactive service robot. , 2017, , .		2
15	Localization and obstacle avoidance in soccer competition of humanoid robot by gait and vision system. <i>Knowledge Engineering Review</i> , 2019, 34, .	2.6	2
16	Rapid self-localization of robot based on omnidirectional vision technology. <i>Machine Vision and Applications</i> , 2020, 31, 1.	2.7	2
17	Self-localization for an autonomous mobile robot based on an omni-directional vision system. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
18	Imitation of human motion for humanoid robot in lift and carry event. <i>Knowledge Engineering Review</i> , 2019, 34, .	2.6	1

#	ARTICLE	IF	CITATIONS
19	Cooperative dual camera surveillance system for real-time object searching and close-up viewing. , 2016, , .		0