Shuang Cang

List of Publications by Year
in descending order

44 papers	1,761 citations	394421 19 h-index	454955 30 g-index
45 all docs	45 docs citations	45 times ranked	1896 citing authors

#	ARTICLE	IF	CITATIONS
1	An empirical study on assistive technology supported travel and tourism for the people with dementia. Disability and Rehabilitation: Assistive Technology, 2020, 15, 933-944.	2.2	14
2	The impact of assistive software application to facilitate people with dementia through participatory research. International Journal of Human Computer Studies, 2020, 143, 102471.	5.6	11
3	Adaptive neural network tracking control for underactuated systems with matched and mismatched disturbances. Nonlinear Dynamics, 2019, 98, 1447-1464.	5.2	95
4	How firms in emerging economies can learn industry 4.0 by extracting knowledge from their foreign partners? A view point from strategic management perspective. , 2019, , .		3
5	Mutual information inspired feature selection using kernel canonical correlation analysis. Expert Systems With Applications: X, 2019, 4, 100014.	4.7	12
6	A survey on wearable sensor modality centred human activity recognition in health care. Expert Systems With Applications, 2019, 137, 167-190.	7.6	228
7	Modelling and analysis of dynamic frictional interactions of vibro-driven capsule systems with viscoelastic property. European Journal of Mechanics, A/Solids, 2019, 74, 16-25.	3.7	24
8	Impact evaluation of assistive technology support for the people with dementia. Assistive Technology, 2019, 31, 180-192.	2.0	14
9	Impact of knowledge oriented leadership on knowledge management behaviour through employee work attitudes. International Journal of Human Resource Management, 2019, 30, 2387-2417.	5.3	69
10	Usability evaluation of assistive technologies through qualitative research focusing on people with mild dementia. Computers in Human Behavior, 2018, 79, 192-201.	8.5	53
11	Geometric analysis-based trajectory planning and control for underactuated capsule systems with viscoelastic property. Transactions of the Institute of Measurement and Control, 2018, 40, 2416-2427.	1.7	22
12	Trajectory Synthesis and Optimization of an Underactuated Microrobotic System with Dynamic Constraints and Couplings. International Journal of Control, Automation and Systems, 2018, 16, 2373-2383.	2.7	20
13	Optimized adaptive tracking control for an underactuated vibro-driven capsule system. Nonlinear Dynamics, 2018, 94, 1803-1817.	5.2	50
14	On the dynamics of a vibro-driven capsule system. Archive of Applied Mechanics, 2018, 88, 2199-2219.	2.2	19
15	A Data Fusion-Based Hybrid Sensory System for Older People's Daily Activity and Daily Routine Recognition. IEEE Sensors Journal, 2018, 18, 6874-6888.	4.7	44
16	Assistive technology for people with dementia: an overview and bibliometric study. Health Information and Libraries Journal, 2017, 34, 5-19.	2.5	45
17	An empirical study of inbound tourism demand in China: a copula-GARCH approach. Journal of Travel and Tourism Marketing, 2017, 34, 1235-1246.	7.0	10
18	TMP: Tele-Medicine Protocol for Slotted 802.15.4 With Duty-Cycle Optimization in Wireless Body Area Sensor Networks. IEEE Sensors Journal, 2017, 17, 1925-1936.	4.7	38

#	ARTICLE	IF	CITATIONS
19	Supervisory orientation, employee goal orientation, and knowledge management among front line hotel employees. International Journal of Hospitality Management, 2017, 62, 21-32.	8.8	55
20	A noncontact-sensor surveillance system towards assisting independent living for older people. , 2017, , .		3
21	Empirical analysis of assistive technology support to the people with dementia. , 2017, , .		0
22	Complex event processing for RFID-enabled retail store. , 2017, , .		2
23	IEEE 802.15.4 Frame Aggregation Enhancement to Provide High Performance in Life-Critical Patient Monitoring Systems. Sensors, 2017, 17, 241.	3.8	16
24	Examining the Feasibilities of Industry 4.0 for the Hospitality Sector with the Lens of Management Practice. Energies, 2017, 10, 499.	3.1	87
25	Delay, Reliability, and Throughput Based QoS Profile: A MAC Layer Performance Optimization Mechanism for Biomedical Applications in Wireless Body Area Sensor Networks. Journal of Sensors, 2016, 2016, 1-17.	1.1	36
26	Modelling and dynamic analysis of underactuated capsule systems with friction-induced hysteresis. , 2016, , .		12
27	Management approaches for Industry 4.0: A human resource management perspective. , 2016, , .		156
28	A review of sensor selection, sensor devices and sensor deployment for wearable sensor-based human activity recognition systems. , 2016, , .		16
29	Robot-assisted smart firefighting and interdisciplinary perspectives. , 2016, , .		22
30	Overview of personalized Travel Recommendation Systems. , 2016, , .		8
31	Realization of wearable sensors-based human activity recognition with an augmented feature group. , 2016, , .		2
32	On periodically pendulum-diven systems for underactuated locomotion: A viscoelastic jointed model. , 2015, , .		10
33	A systematic mapping study on assitive technologies for people with dementia. , 2015, , .		13
34	Genetic Algorithm-Based Classifiers Fusion for Multisensor Activity Recognition of Elderly People. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 282-289.	6.3	56
35	Behaviour‒based control approach for the trajectory tracking of an underactuated planar capsule robot. IET Control Theory and Applications, 2015, 9, 163-175.	2.1	21
36	Maximum relevancy maximum complementary feature selection for multi-sensor activity recognition. Expert Systems With Applications, 2015, 42, 573-583.	7.6	17

#	Article	IF	Citations
37	Modelling and control of an elastically joint-actuated cart-pole underactuated system. , 2014, , .		8
38	A Comparative Analysis of Three Types of Tourism Demand Forecasting Models: Individual, Linear Combination and Non-linear Combination. International Journal of Tourism Research, 2014, 16, 596-607.	3.7	36
39	A practical multi-sensor activity recognition system for home-based care. Decision Support Systems, 2014, 66, 61-70.	5.9	53
40	Elderly activities recognition and classification for applications in assisted living. Expert Systems With Applications, 2013, 40, 1662-1674.	7.6	274
41	Mutual information based input feature selection for classification problems. Decision Support Systems, 2012, 54, 691-698.	5.9	40
42	A Non-Linear Tourism Demand Forecast Combination Model. Tourism Economics, 2011, 17, 5-20.	4.1	27
43	Feature ranking and best feature subset using mutual information. Neural Computing and Applications, 2004, 13, 175-184.	5.6	18
44	Reducing bullwhip effect using delayed generalized predictive control (DGPC). , 0, , .		2