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	Elderly activities recognition and classification for applications in assisted living. Expert Systems With Applications, 2013, 40, 1662-1674.	7.6	274
2	A survey on wearable sensor modality centred human activity recognition in health care. Expert Systems With Applications, 2019, 137, 167-190.	7.6	228
3	Management approaches for Industry 4.0: A human resource management perspective. , 2016, , .		156
4	Adaptive neural network tracking control for underactuated systems with matched and mismatched disturbances. Nonlinear Dynamics, 2019, 98, 1447-1464.	5.2	95
5	Examining the Feasibilities of Industry 4.0 for the Hospitality Sector with the Lens of Management Practice. Energies, 2017, 10, 499.	3.1	87
6	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
7	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
8	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
9	A practical multi-sensor activity recognition system for home-based care. Decision Support Systems, 2014, 66, 61-70.	5.9	53
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	Optimized adaptive tracking control for an underactuated vibro-driven capsule system. Nonlinear Dynamics, 2018, 94, 1803-1817.	5.2	50
12	Assistive technology for people with dementia: an overview and bibliometric study. Health Information and Libraries Journal, 2017, 34, 5-19.	2.5	45
13	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
14	Mutual information based input feature selection for classification problems. Decision Support Systems, 2012, 54, 691-698.	5.9	40
15	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
16	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
17	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
18	A Non-Linear Tourism Demand Forecast Combination Model. Tourism Economics, 2011, 17, 5-20.	4.1	27

#	ARTICLE	IF	CITATIONS
19	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
20	Robot-assisted smart firefighting and interdisciplinary perspectives. , 2016, , .		22
21	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
22	Behaviourâ€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
23	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
24	On the dynamics of a vibro-driven capsule system. Archive of Applied Mechanics, 2018, 88, 2199-2219.	2.2	19
25	Feature ranking and best feature subset using mutual information. Neural Computing and Applications, 2004, 13, 175-184.	5.6	18
26	Maximum relevancy maximum complementary feature selection for multi-sensor activity recognition. Expert Systems With Applications, 2015, 42, 573-583.	7.6	17
27	A review of sensor selection, sensor devices and sensor deployment for wearable sensor-based human activity recognition systems. , 2016, , .		16
28	IEEE 802.15.4 Frame Aggregation Enhancement to Provide High Performance in Life-Critical Patient Monitoring Systems. Sensors, 2017, 17, 241.	3.8	16
29	Impact evaluation of assistive technology support for the people with dementia. Assistive Technology, 2019, 31, 180-192.	2.0	14
30	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
31	A systematic mapping study on assitive technologies for people with dementia. , 2015, , .		13
32	Modelling and dynamic analysis of underactuated capsule systems with friction-induced hysteresis. , 2016, , .		12
33	Mutual information inspired feature selection using kernel canonical correlation analysis. Expert Systems With Applications: X, 2019, 4, 100014.	4.7	12
34	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
35	On periodically pendulum-diven systems for underactuated locomotion: A viscoelastic jointed model. , 2015, , .		10
36	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

#	Article	IF	Citations
37	Modelling and control of an elastically joint-actuated cart-pole underactuated system. , 2014, , .		8
38	Overview of personalized Travel Recommendation Systems. , 2016, , .		8
39	A noncontact-sensor surveillance system towards assisting independent living for older people. , 2017, , .		3
40	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
41	Reducing bullwhip effect using delayed generalized predictive control (DGPC). , 0, , .		2
42	Realization of wearable sensors-based human activity recognition with an augmented feature group. , 2016, , .		2
43	Complex event processing for RFID-enabled retail store. , 2017, , .		2
44	Empirical analysis of assistive technology support to the people with dementia. , 2017, , .		0