Stephen Kelly

List of Publications by Year
in descending order

27 papers	163 citations	6 h-index (1478505)
10 g-index (1372567)		
28 all docs	28 docs citations	28 times ranked
140 citing authors		

#	Article	IF	Citations
1	Stakeholder views addressing the development and uptake of powered wheelchair assistive technology. Disability and Rehabilitation: Assistive Technology, 2019, 14, 146-160.	2.2	1
2	Feature determination from powered wheelchair user joystick input characteristics for adapting driving assistance. Wellcome Open Research, 2017, 2, 93.	1.8	4
3	Passive wireless tags for tongue controlled assistive technology interfaces. Healthcare Technology Letters, 2016, 3, 72-76.	3.3	6
4	Electropalatography as a human input device for patients suffering from spinal cord injuries. , 2015, , .		2
5	Resistopalatography as an assistive technology for users with spinal cord injuries. , 2015, 2015, 4367-70.		3
6	Assistive Trajectories for Human-in-the-Loop Mobile Robotic Platforms. , 2015, , .		4
7	Non-overlapping Dual Camera Fall Detection Using the Nao Humanoid Robot. , 2014, , .		1
8	Powered Wheelchair Platform for Assistive Technology Development. , 2014, , .		9
9	A Study of Factors Affecting Wrist Channel Characteristics for Walking Postures Using Motion Capture. IEEE Transactions on Antennas and Propagation, 2014, 62, 2231-2237.	5.1	12
10	RFID tags as passive enabling technology. , 2013, , .		7
11	Real-Time Doorway Detection and Alignment Determination for Improved Trajectory Generation in Assistive Mobile Robotic Wheelchairs. , 2013, , .		7
12	Passive stretchable RFID tag. , 2012, , .		1
13	Real-time sensor data for efficient localisation employing a weightless neural system. , 2012, , .		0
14	Weightless Neural System Employing Simple Sensor Data for Efficient Real-Time Round-Corner, Junction and Doorway Detection for Autonomous System Path Planning in Smart Robotic Assisted Healthcare Wheelchairs. , 2012, , .		7
15	Investigation of Properties of ICmetrics Features. , 2012, , .		10
16	An instrument for the non-invasive assessment of lip function during speech. Medical Engineering and Physics, 2005, 27, 523-535.	1.7	10
17	Electropalatography and the Linguagraph system. Medical Engineering and Physics, 2000, 22, 47-58.	1.7	16
18	An instrument for the multiparameter assessment of speech. Medical Engineering and Physics, 1999, 21, 661-671.	1.7	3

#	Article	IF	Citations
19	Notes and Discussion Instrumental assessment and treatment of hypernasality, following maxillofacial surgery, using SNORS: a single case study. International Journal of Language and Communication Disorders, 1999, 34, 223-238.	1.5	4
20	Assessment in the treatment of hypernasal speech with motor neuron disease: A clinical report. Journal of Prosthetic Dentistry, 1996, 75, 479-482.	2.8	4
21	New technique for assessment of velopharyngeal function. Medical and Biological Engineering and Computing, 1994, 32, 562-566.	2.8	3
22	Digital signal processing system for real-time His-bundle and late potential measurement. Medical and Biological Engineering and Computing, 1992, 30, 550-555.	2.8	4
23	Nasal airflow measurement using a compensated thermistor anemometer. Medical and Biological Engineering and Computing, 1989, 27, 628-631.	2.8	4
24	Noninvasive beat-to-beat detection of ventricular late potentials. Medical and Biological Engineering and Computing, 1989, 27, 64-68.	2.8	17
25	Simple fibre optic spectrophotometric cell for pH determination. Journal of Biomedical Engineering, 1989, 11, 151-156.	0.7	3
26	Beat-to-beat detection of His-Purkinje system signals using adaptive filters. Medical and Biological Engineering and Computing, 1988, 26, 117-125.	2.8	15
27	Feature determination from powered wheelchair user joystick input characteristics for adapting driving assistance. Wellcome Open Research, 0, 2, 93.	1.8	2