John Hansen

List of Publications by Year
in descending order

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44 papers	1,220 citations	430874 18 h-index	395702 33 g-index
50 all docs	50 docs citations	50 times ranked	1985 citing authors

#	Article	IF	Citations
1	Coronary Artery Disease Detected by Low Frequency Heart Sounds. Cardiovascular Engineering and Technology, 2022, , 1.	1.6	1
2	Characterization of Leg Push Forces and Their Relationship to Velocity in On-Water Sprint Kayaking. Sensors, 2021, 21, 6790.	3.8	5
3	Development of an individualized asynchronous sensor-based telerehabilitation program for patients undergoing total knee replacement: Participatory design. Health Informatics Journal, 2020, 26, 2492-2511.	2.1	12
4	Telerehabilitation for Patients With Knee Osteoarthritis: A Focused Review of Technologies and Teleservices. JMIR Biomedical Engineering, 2020, 5, e16991.	1.2	12
5	Listening to the patients: using participatory design in the development of a cardiac telerehabilitation web portal. MHealth, 2019, 5, 33-33.	1.6	28
6	Developing a telerehabilitation programme for postoperative recovery from knee surgery: specifications and requirements. BMJ Health and Care Informatics, 2019, 26, e000022.	3.0	12
7	Region-Specific Effects of Trigeminal Capsaicin Stimulation. Journal of Oral and Facial Pain and Headache, 2019, 33, 318-330.	1.4	5
8	Influence of a Marker-Based Motion Capture System on the Performance of Microsoft Kinect v2 Skeleton Algorithm. IEEE Sensors Journal, 2019, 19, 171-179.	4.7	26
9	Cardiac patientsâ€™ experiences with a telerehabilitation web portal: Implications for eHealth literacy. Patient Education and Counseling, 2018, 101, 854-861.	2.2	41
10	Removing own-limb visual input using mixed reality (MR) produces a â€œtelescopingâ€•illusion in healthy individuals. Behavioural Brain Research, 2018, 347, 263-271.	2.2	6
11	Feasibility of employing AHRS algorithms in the real-time estimation of sensor orientation using low-cost and low sampling rate wearable sensors in IoT application. , 2018, , .		2
12	Investigating the impact of a motion capture system on Microsoft Kinect v2 recordings: A caution for using the technologies together. PLoS ONE, 2018, 13, e0204052.	2.5	21
13	Evaluating Accuracy and Usability of Microsoft Kinect Sensors and Wearable Sensor for Tele Knee Rehabilitation after Knee Operation. , 2018, , .		18
14	Preoperative Electrocardiogram Score for Predicting New-Onset Postoperative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 69-76.	1.3	11
15	Accuracy of a step counter during treadmill and daily life walking by healthy adults and patients with cardiac disease. BMJ Open, 2017, 7, e011742.	1.9	41
16	Autonomic function testing: Compliance and consequences. Autonomic Neuroscience: Basic and Clinical, 2017, 208, 150-155.	2.8	6
17	A novel method for investigating the importance of visual feedback on somatosensation and bodily-self perception. Scandinavian Journal of Pain, 2017, 16, 185-185.	1.3	0
18	Design and Test of a Closed-Loop FES System for Supporting Function of the Hemiparetic Hand Based on Automatic Detection Using the Microsoft Kinect Sensor. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1249-1256.	4.9	7

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19	Telemedicine in Greenland: Citizens' Perspectives. Telemedicine Journal and E-Health, 2017, 23, 441-447.	2.8	6
20	Evaluation of Commercial Self-Monitoring Devices for Clinical Purposes: Results from the Future Patient Trial, Phase I. Sensors, 2017, 17, 211.	3.8	53
21	â€œThe Heart Gameâ€: Using Gamification as Part of a Telerehabilitation Program for Heart Patients. Games for Health Journal, 2016, 5, 27-33.	2.0	50
22	Pedometer use and self-determined motivation for walking in a cardiac telerehabilitation program: a qualitative study. BMC Sports Science, Medicine and Rehabilitation, 2016, 8, 24.	1.7	47
23	A Qualitative Study on Implementation of the Intelligent Bed: Findings from a Rehabilitation Ward at a Large Chinese Tertiary Hospital. Wireless Personal Communications, 2016, 90, 399-420.	2.7	5
24	Cost-Utility Analysis of a Cardiac Telerehabilitation Program: The Teledialog Project. Telemedicine Journal and E-Health, 2016, 22, 553-563.	2.8	44
25	Cardiac Patientsâ€™ Walking Activity Determined by a Step Counter in Cardiac Telerehabilitation: Data From the Intervention Arm of a Randomized Controlled Trial. Journal of Medical Internet Research, 2016, 18, e69.	4.3	74
26	HEALTH PROFESSIONALSâ€™ USER EXPERIENCE OF THE INTELLIGENT BED IN PATIENTSâ€™ HOMES. International Journal of Technology Assessment in Health Care, 2015, 31, 256-263.	0.5	9
27	Acoustic Features for the Identification of Coronary Artery Disease. IEEE Transactions on Biomedical Engineering, 2015, 62, 2611-2619.	4.2	76
28	Imaging acetylcholinesterase density in peripheral organs in Parkinson's disease with 11C-donepezil PET. Brain, 2015, 138, 653-663.	7.6	135
29	Effects of the Paced Auditory Serial Addition Task (<scp>PASAT</scp>) with different rates on autonomic nervous system responses and selfâ€reported levels of stress. Journal of Oral Rehabilitation, 2015, 42, 378-385.	3.0	13
30	Pedometer Use as Motivation for Physical Activity in Cardiac Tele-Rehabilitation. International Journal of Integrated Care, 2015, 15, .	0.2	3
31	Cost-utility Analysis of the Telerehabilitation of Heart Patients: The Teledi@log project. International Journal of Integrated Care, 2015, 15, .	0.2	0
32	Development and Testing of the Intelligent Bed for Heart Failure Patients: A Feasibility Study. International Journal of Integrated Care, 2015, 15, .	0.2	1
33	Portable Inertial Motion Unit for Continuous Assessment of In-shoe Foot Movement. Procedia Engineering, 2014, 72, 208-213.	1.2	10
34	Validation and Test of a Closed-Loop Tele-rehabilitation System Based on Functional Electrical Stimulation and Computer Vision for Analysing Facial Expressions in Stroke Patients. Biosystems and Biorobotics, 2014, , 741-750.	0.3	3
35	Expectations contribute to reduced pain levels during prayer in highly religious participants. Journal of Behavioral Medicine, 2013, 36, 413-426.	2.1	27
36	Thoracoscopic sympathectomy increases efferent cardiac vagal activity and baroreceptor sensitivity. European Journal of Cardio-thoracic Surgery, 2013, 44, e193-e199.	1.4	11

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37	Heart Rate Variability in Complex Regional Pain Syndrome during Rest and Mental and Orthostatic Stress. Anesthesiology, 2012, 116, 133-146.	2.5	83
38	Development of a data acquisition and analysis system for nociceptive withdrawal reflex and reflex receptive fields in humans. , 2010, 2010, 6619-24.		1
39	Patient Controlled Versus Automatic Stimulation of Pudendal Nerve Afferents to Treat Neurogenic Detrusor Overactivity. Journal of Urology, 2008, 180, 1403-1408.	0.4	43
40	Urethral Sphincter EMG as Event Detector for Neurogenic Detrusor Overactivity. IEEE Transactions on Biomedical Engineering, 2007, 54, 1212-1219.	4.2	33
41	TREATMENT OF NEUROGENIC DETRUSOR OVERACTIVITY IN SPINAL CORD INJURED PATIENTS BY CONDITIONAL ELECTRICAL STIMULATION. Journal of Urology, 2005, 173, 2035-2039.	0.4	77
42	Acute pain increases heart rate: Differential mechanisms during rest and mental stress. Autonomic Neuroscience: Basic and Clinical, 2005, 121, 101-109.	2.8	70
43	Mental stress inhibits pain perception and heart rate variability but not a nociceptive withdrawal reflex. Acta Physiologica Scandinavica, 2004, 180, 405-414.	2.2	90
44	Quality Assessment of Maternal and Fetal Cardiovascular Sounds Recorded From the Skin Near the Uterine Arteries During Pregnancy. , 0, , .		0