

Pepijn Van de Ven

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,248
citations

686830

13
h-index

552369

26
g-index

43
all docs

43
docs citations

43
times ranked

1528
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of waist-mounted tri-axial accelerometer based fall-detection algorithms during scripted and continuous unscripted activities. <i>Journal of Biomechanics</i> , 2010, 43, 3051-3057.	0.9	186
2	Analysis and design of an optimally coupled 5-GHz quadrature LC oscillator. <i>IEEE Journal of Solid-State Circuits</i> , 2002, 37, 657-661.	3.5	131
3	Activity classification using a single chest mounted tri-axial accelerometer. <i>Medical Engineering and Physics</i> , 2011, 33, 1127-1135.	0.8	123
4	Chronic Neck Pain and Exercise Interventions: Frequency, Intensity, Time, and Type Principle. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 770-783.	0.5	102
5	A comparative review of wireless sensor network mote technologies. , 2009, , .		85
6	Multi-Sensor Fusion for Enhanced Contextual Awareness of Everyday Activities with Ubiquitous Devices. <i>Sensors</i> , 2014, 14, 5687-5701.	2.1	77
7	Neural network augmented identification of underwater vehicle models. <i>Control Engineering Practice</i> , 2007, 15, 715-725.	3.2	67
8	Activity recognition with smartphone support. <i>Medical Engineering and Physics</i> , 2014, 36, 670-675.	0.8	67
9	Innovations in health care services: The CAALYX system. <i>International Journal of Medical Informatics</i> , 2013, 82, e307-e320.	1.6	62
10	Neural network control of underwater vehicles. <i>Engineering Applications of Artificial Intelligence</i> , 2005, 18, 533-547.	4.3	57
11	Assessment of waist-worn tri-axial accelerometer based fall-detection algorithms using continuous unsupervised activities. , 2010, 2010, 2782-5.		40
12	Sensing Apps and Public Data Sets for Digital Phenotyping of Mental Health: Systematic Review. <i>Journal of Medical Internet Research</i> , 2022, 24, e28735.	2.1	29
13	Pilot study of a two-arm non-randomized controlled cluster trial of a psychosocial intervention to improve late life depression in socioeconomically deprived areas of SÃ£o Paulo, Brazil (PROACTIVE): feasibility study of a psychosocial intervention for late life depression in SÃ£o Paulo. <i>BMC Public Health</i> , 2019, 19, 1152.	1.2	22
14	ULTEMAT: A mobile framework for smart ecological momentary assessments and interventions. <i>Internet Interventions</i> , 2017, 9, 74-81.	1.4	21
15	Enriching Mental Health Mobile Assessment and Intervention with Situation Awareness. <i>Sensors</i> , 2017, 17, 127.	2.1	19
16	A collaborative care psychosocial intervention to improve late life depression in socioeconomically deprived areas of Guarulhos, Brazil: the PROACTIVE cluster randomised controlled trial protocol. <i>Trials</i> , 2020, 21, 914.	0.7	19
17	Predicting falls in community-dwelling older adults: A systematic review of task performance-based assessment tools. <i>Physiotherapy Practice and Research</i> , 2014, 35, 3-15.	0.1	15
18	Unobtrusive monitoring and identification of fall accidents. <i>Medical Engineering and Physics</i> , 2015, 37, 499-504.	0.8	12

#	ARTICLE	IF	CITATIONS
19	An integrated fall and mobility sensor and wireless health signs monitoring system. , 2008, , .		11
20	A wearable wireless platform for fall and mobility monitoring. , 2008, , .		9
21	Towards Situation-Aware Mobile Applications in Mental Health. , 2016, , .		9
22	Video analysis validation of a real-time physical activity detection algorithm based on a single waist mounted tri-axial accelerometer sensor. , 2016, 2016, 4881-4884.		9
23	Investigating Software Requirements for Systems Supporting Task-Shifted Interventions: Usability Study. Journal of Medical Internet Research, 2019, 21, e11346.	2.1	9
24	Smart phone interfaces to wireless health sensors. , 2010, , .		8
25	Classification techniques for smartphone based activity detection. , 2012, , .		7
26	Measurement Properties of Smartphone Approaches to Assess Diet, Alcohol Use, and Tobacco Use: Systematic Review. JMIR MHealth and UHealth, 2022, 10, e27337.	1.8	7
27	Robust Active Queue Management using a Quantitative Feedback Theory Based Loop-Shaping Framework. Proceedings of the American Control Conference, 2007, , .	0.0	5
28	Integration of a suite of sensors in a wireless health sensor platform. , 2009, , .		5
29	Design and Integration of Fall and Mobility Monitors in Health Monitoring Platforms. Lecture Notes in Electrical Engineering, 2010, , 1-29.	0.3	5
30	ICT4Depression: Service oriented architecture applied to the treatment of depression. , 2012, , .		5
31	Orientation Independent Human Mobility Monitoring with an Android Smartphone. , 2012, , .		5
32	Depressive and subthreshold depressive symptomatology among older adults in a socioeconomically deprived area in Brazil. International Journal of Geriatric Psychiatry, 2022, 37, .	1.3	5
33	Measurement properties of smartphone approaches to assess key lifestyle behaviours: protocol of a systematic review. Systematic Reviews, 2020, 9, 127.	2.5	3
34	Using Mobile Phones to Examine and Enhance Perceptions of Control in Mildly Depressed and Nondepressed Volunteers: Intervention Study. JMIR MHealth and UHealth, 2018, 6, e10114.	1.8	3
35	Acceptability and fidelity of a psychosocial intervention (PROACTIVE) for older adults with depression in a basic health unit in São Paulo, Brazil: a qualitative study. BMC Public Health, 2021, 21, 2278.	1.2	3
36	A single vs. multi-sensor approach to enhanced detection of smartphone placement. , 2014, 2014, 3691-4.		2

#	ARTICLE	IF	CITATIONS
37	Reliability of a measurement method for the cross-sectional area of the longus colli using real-time ultrasound imaging. <i>Ultrasound</i> , 2016, 24, 154-162.	0.3	2
38	A Survey of AI Techniques for Control of Underwater Vehicles. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2003, 36, 145-150.	0.4	1
39	A wireless platform for fall and mobility monitoring in health care. , 2008, , .		0