Prabitha Urwyler

List of Publications by Year
in descending order

52 papers	1,027 citations	516215 16 h-index	476904 29 g-index
63 all docs	63 docs citations	63 times ranked	1351 citing authors

#	Article	IF	Citations
1	A Sensor-Driven Visit Detection System in Older Adults' Homes: Towards Digital Late-Life Depression Marker Extraction. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1560-1569.	3.9	8
2	Cognition, hallucination severity and hallucination-specific insight in neurodegenerative disorders and eye disease. Cognitive Neuropsychiatry, 2022, 27, 105-121.	0.7	4
3	Editorial: new directions in hallucination research. Cognitive Neuropsychiatry, 2022, 27, 83-85.	0.7	0
4	Clinical outcome measures in dementia with Lewy bodies trials: critique and recommendations. Translational Neurodegeneration, 2022, 11, 24.	3.6	6
5	Tablet app-based dexterity-training in patients with Parkinson's disease: Pilot feasibility study. Annals of Physical and Rehabilitation Medicine, 2021, 64, 101419.	1.1	3
6	A Review of Multimodal Hallucinations: Categorization, Assessment, Theoretical Perspectives, and Clinical Recommendations. Schizophrenia Bulletin, 2021, 47, 237-248.	2.3	29
7	Case Report: Ambient Sensor Signals as Digital Biomarkers for Early Signs of Heart Failure Decompensation. Frontiers in Cardiovascular Medicine, 2021, 8, 617682.	1.1	9
8	Application of Eye Tracking in Puzzle Games for Adjunct Cognitive Markers: Pilot Observational Study in Older Adults. JMIR Serious Games, 2021, 9, e24151.	1.7	6
9	Contactless Sleep Monitoring for Early Detection of Health Deteriorations in Community-Dwelling Older Adults: Exploratory Study. JMIR MHealth and UHealth, 2021, 9, e24666.	1.8	21
10	Development of a Search Task Using Immersive Virtual Reality: Proof-of-Concept Study. JMIR Serious Games, 2021, 9, e29182.	1.7	16
11	Face Perception and Pareidolia Production in Patients With Parkinson's Disease. Frontiers in Neurology, 2021, 12, 669691.	1.1	4
12	Potential of Ambient Sensor Systems for Early Detection of Health Problems in Older Adults. Frontiers in Cardiovascular Medicine, 2020, 7, 110.	1.1	19
13	Investigating a new tablet-based telerehabilitation app in patients with aphasia: a randomised, controlled, evaluator-blinded, multicentre trial protocol. BMJ Open, 2020, 10, e037702.	0.8	6
14	<p>Isometric Strength Measures are Superior to the Timed Up and Go Test for Fall Prediction in Older Adults: Results from a Prospective Cohort Study</p>. Clinical Interventions in Aging, 2020, Volume 15, 2001-2008.	1.3	10
15	Visual hallucinations in neurological and ophthalmological disease: pathophysiology and management. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 512-519.	0.9	75
16	Development and Evaluation of Maze-Like Puzzle Games to Assess Cognitive and Motor Function in Aging and Neurodegenerative Diseases. Frontiers in Aging Neuroscience, 2020, 12, 87.	1.7	17
17	Wearable Based Calibration of Contactless In-home Motion Sensors for Physical Activity Monitoring in Community-Dwelling Older Adults. Frontiers in Digital Health, 2020, 2, 566595.	1.5	2
18	Exploring Bottom-Up Visual Processing and Visual Hallucinations in Parkinson's Disease With Dementia. Frontiers in Neurology, 2020, 11, 579113.	1.1	4

#	Article	IF	Citations
19	Validity of pervasive computing based continuous physical activity assessment in community-dwelling old and oldest-old. Scientific Reports, 2019, 9, 9662.	1.6	25
20	Potential Applications of Digital Technology in Assessment, Treatment, and Self-help for Hallucinations. Schizophrenia Bulletin, 2019, 45, S32-S42.	2.3	17
21	Optimization and Technical Validation of the AIDE-MOI Fall Detection Algorithm in a Real-Life Setting with Older Adults. Sensors, 2019, 19, 1357.	2.1	10
22	Long-Term Home-Monitoring Sensor Technology in Patients with Parkinson's Disease—Acceptance and Adherence. Sensors, 2019, 19, 5169.	2.1	40
23	Re-fixation and perseveration patterns in neglect patients during free visual exploration. European Journal of Neuroscience, 2019, 49, 1244-1253.	1.2	22
24	A comparison of visual hallucinations across disorders. Psychiatry Research, 2019, 272, 86-92.	1.7	19
25	Therapist-Guided Tablet-Based Telerehabilitation for Patients With Aphasia: Proof-of-Concept and Usability Study. JMIR Rehabilitation and Assistive Technologies, 2019, 6, e13163.	1.1	26
26	Search and Match Task: Development of a Taskified Match-3 Puzzle Game to Assess and Practice Visual Search. JMIR Serious Games, 2019, 7, e13620.	1.7	16
27	P1-101: FEASIBILITY STUDY OF SYNCHROTRON-BASED MICROTOMOGRAPHY TO IDENTIFY α-SYNUCLEIN OLIGOMERS IN POSTMORTEM TISSUE. Alzheimer's and Dementia, 2018, 14, P310.	0.4	0
28	Virtual reality for activities of daily living training in neurorehabilitation: a usability and feasibility study in healthy participants. , 2018, 2018, 1-4.		14
29	Development and Pilot Testing of a Novel Electromechanical Device to Measure Wrist Rigidity in Parkinson's Disease. , 2018, 2018, 4885-4888.		3
30	P1-046: PUZZLING THE MIND: EVALUATING THE DIFFICULTY OF GENERATED PUZZLE GAME LEVELS FOR A PUZZLE GAME INTERVENTION — PRELIMINARY RESULTS. Alzheimer's and Dementia, 2018, 14, P284.	0.4	0
31	Cognitive impairment categorized in community-dwelling older adults with and without dementia using in-home sensors that recognise activities of daily living. Scientific Reports, 2017, 7, 42084.	1.6	90
32	Visuo-acoustic stimulation that helps you to relax: A virtual reality setup for patients in the intensive care unit. Scientific Reports, 2017, 7, 13228.	1.6	105
33	Visual Hallucinations in Eye Disease and Lewy Body Disease. American Journal of Geriatric Psychiatry, 2016, 24, 350-358.	0.6	21
34	Evaluation of Three State-of-the-Art Classifiers for Recognition of Activities of Daily Living from Smart Home Ambient Data. Sensors, 2015, 15, 11725-11740.	2.1	75
35	Recognition of activities of daily living in healthy subjects using two ad-hoc classifiers. BioMedical Engineering OnLine, 2015, 14, 54.	1.3	21
36	Passive wireless sensor systems can recognize activites of daily living. , 2015, 2015, 8042-5.		1

#	ARTICLE	IF	CITATIONS
37	Patient and Informant Views on Visual Hallucinations in Parkinson Disease. American Journal of Geriatric Psychiatry, 2015, 23, 970-976.	0.6	7
38	Ultraviolet–ozone surface cleaning of injection–molded, thermoplastic microcantilevers. Journal of Applied Polymer Science, 2015, 132, .	1.3	3
39	Age-dependent visual exploration during simulated day- and night driving on a motorway: a cross-sectional study. BMC Geriatrics, 2015, 15, 18.	1.1	18
40	Effects of age and eccentricity on visual target detection. Frontiers in Aging Neuroscience, 2014, 5, 101.	1.7	17
41	Nanoimprint lithography process chains for the fabrication of micro- and nanodevices. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2014, 13, 031303.	1.0	15
42	Visual complaints and visual hallucinations in Parkinson's disease. Parkinsonism and Related Disorders, 2014, 20, 318-322.	1.1	73
43	Tailoring surface nanostructures on polyaryletherketones for load-bearing implants. European Journal of Nanomedicine, 2014, 6, .	0.6	6
44	A Web-Based Non-Intrusive Ambient System to Measure and Classify Activities of Daily Living. Journal of Medical Internet Research, 2014, 16, e175.	2.1	64
45	Mechanical and chemical stability of injection–molded microcantilevers used for sensing. Journal of Applied Polymer Science, 2013, 127, 2363-2370.	1.3	7
46	Measuring the bending of asymmetric planar EAP structures. Proceedings of SPIE, 2013, , .	0.8	1
47	Surface-patterned micromechanical elements by polymer injection molding with hybrid molds. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2013, 31, 06FD01.	0.6	8
48	Nanometer-size anisotropy of injection-molded polymer micro-cantilever arrays. Journal of Applied Physics, 2012, 111, 103530.	1.1	1
49	Micro- and nanostructured polymer substrates for biomedical applications. Proceedings of SPIE, 2012, , .	0.8	12
50	Nano-Mechanical Transduction of Polymer Micro-Cantilevers to Detect Bio-Molecular Interactions. Biointerphases, 2012, 7, 6.	0.6	7
51	Surface patterned polymer micro-cantilever arrays for sensing. Sensors and Actuators A: Physical, 2011, 172, 2-8.	2.0	33
52	Disposable polymeric micro-cantilever arrays for sensing. Procedia Engineering, 2010, 5, 347-350.	1.2	9