

# Prabitha Urwyler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6052540/publications.pdf>

Version: 2024-02-01

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	Visuo-acoustic stimulation that helps you to relax: A virtual reality setup for patients in the intensive care unit. <i>Scientific Reports</i> , 2017, 7, 13228.	1.6	105
2	Cognitive impairment categorized in community-dwelling older adults with and without dementia using in-home sensors that recognise activities of daily living. <i>Scientific Reports</i> , 2017, 7, 42084.	1.6	90
3	Evaluation of Three State-of-the-Art Classifiers for Recognition of Activities of Daily Living from Smart Home Ambient Data. <i>Sensors</i> , 2015, 15, 11725-11740.	2.1	75
4	Visual hallucinations in neurological and ophthalmological disease: pathophysiology and management. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 512-519.	0.9	75
5	Visual complaints and visual hallucinations in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 318-322.	1.1	73
6	A Web-Based Non-Intrusive Ambient System to Measure and Classify Activities of Daily Living. <i>Journal of Medical Internet Research</i> , 2014, 16, e175.	2.1	64
7	Long-Term Home-Monitoring Sensor Technology in Patients with Parkinson's Disease: Acceptance and Adherence. <i>Sensors</i> , 2019, 19, 5169.	2.1	40
8	Surface patterned polymer micro-cantilever arrays for sensing. <i>Sensors and Actuators A: Physical</i> , 2011, 172, 2-8.	2.0	33
9	A Review of Multimodal Hallucinations: Categorization, Assessment, Theoretical Perspectives, and Clinical Recommendations. <i>Schizophrenia Bulletin</i> , 2021, 47, 237-248.	2.3	29
10	Therapist-Guided Tablet-Based Telerehabilitation for Patients With Aphasia: Proof-of-Concept and Usability Study. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2019, 6, e13163.	1.1	26
11	Validity of pervasive computing based continuous physical activity assessment in community-dwelling old and oldest-old. <i>Scientific Reports</i> , 2019, 9, 9662.	1.6	25
12	Re-fixation and perseveration patterns in neglect patients during free visual exploration. <i>European Journal of Neuroscience</i> , 2019, 49, 1244-1253.	1.2	22
13	Recognition of activities of daily living in healthy subjects using two ad-hoc classifiers. <i>BioMedical Engineering OnLine</i> , 2015, 14, 54.	1.3	21
14	Visual Hallucinations in Eye Disease and Lewy Body Disease. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 350-358.	0.6	21
15	Contactless Sleep Monitoring for Early Detection of Health Deteriorations in Community-Dwelling Older Adults: Exploratory Study. <i>JMIR MHealth and UHealth</i> , 2021, 9, e24666.	1.8	21
16	A comparison of visual hallucinations across disorders. <i>Psychiatry Research</i> , 2019, 272, 86-92.	1.7	19
17	Potential of Ambient Sensor Systems for Early Detection of Health Problems in Older Adults. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 110.	1.1	19
18	Age-dependent visual exploration during simulated day- and night driving on a motorway: a cross-sectional study. <i>BMC Geriatrics</i> , 2015, 15, 18.	1.1	18

#	ARTICLE	IF	CITATIONS
19	Effects of age and eccentricity on visual target detection. <i>Frontiers in Aging Neuroscience</i> , 2014, 5, 101.	1.7	17
20	Potential Applications of Digital Technology in Assessment, Treatment, and Self-help for Hallucinations. <i>Schizophrenia Bulletin</i> , 2019, 45, S32-S42.	2.3	17
21	Development and Evaluation of Maze-Like Puzzle Games to Assess Cognitive and Motor Function in Aging and Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 87.	1.7	17
22	Development of a Search Task Using Immersive Virtual Reality: Proof-of-Concept Study. <i>JMIR Serious Games</i> , 2021, 9, e29182.	1.7	16
23	Search and Match Task: Development of a Taskified Match-3 Puzzle Game to Assess and Practice Visual Search. <i>JMIR Serious Games</i> , 2019, 7, e13620.	1.7	16
24	Nanoimprint lithography process chains for the fabrication of micro- and nanodevices. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2014, 13, 031303.	1.0	15
25	Virtual reality for activities of daily living training in neurorehabilitation: a usability and feasibility study in healthy participants. , 2018, 2018, 1-4.		14
26	Micro- and nanostructured polymer substrates for biomedical applications. <i>Proceedings of SPIE</i> , 2012, , .	0.8	12
27	Optimization and Technical Validation of the AIDE-MOI Fall Detection Algorithm in a Real-Life Setting with Older Adults. <i>Sensors</i> , 2019, 19, 1357.	2.1	10
28	&lt;p&gt;Isometric Strength Measures are Superior to the Timed Up and Go Test for Fall Prediction in Older Adults: Results from a Prospective Cohort Study&lt;/p&gt;. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 2001-2008.	1.3	10
29	Disposable polymeric micro-cantilever arrays for sensing. <i>Procedia Engineering</i> , 2010, 5, 347-350.	1.2	9
30	Case Report: Ambient Sensor Signals as Digital Biomarkers for Early Signs of Heart Failure Decompensation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 617682.	1.1	9
31	Surface-patterned micromechanical elements by polymer injection molding with hybrid molds. <i>Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics</i> , 2013, 31, 06FD01.	0.6	8
32	A Sensor-Driven Visit Detection System in Older Adultsâ€™ Homes: Towards Digital Late-Life Depression Marker Extraction. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1560-1569.	3.9	8
33	Nano-Mechanical Transduction of Polymer Micro-Cantilevers to Detect Bio-Molecular Interactions. <i>Biointerphases</i> , 2012, 7, 6.	0.6	7
34	Mechanical and chemical stability of injectionâ€™molded microcantilevers used for sensing. <i>Journal of Applied Polymer Science</i> , 2013, 127, 2363-2370.	1.3	7
35	Patient and Informant Views on Visual Hallucinations in Parkinson Disease. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 970-976.	0.6	7
36	Tailoring surface nanostructures on polyaryletherketones for load-bearing implants. <i>European Journal of Nanomedicine</i> , 2014, 6, .	0.6	6

#	ARTICLE	IF	CITATIONS
37	Investigating a new tablet-based telerehabilitation app in patients with aphasia: a randomised, controlled, evaluator-blinded, multicentre trial protocol. <i>BMJ Open</i> , 2020, 10, e037702.	0.8	6
38	Application of Eye Tracking in Puzzle Games for Adjunct Cognitive Markers: Pilot Observational Study in Older Adults. <i>JMIR Serious Games</i> , 2021, 9, e24151.	1.7	6
39	Clinical outcome measures in dementia with Lewy bodies trials: critique and recommendations. <i>Translational Neurodegeneration</i> , 2022, 11, 24.	3.6	6
40	Exploring Bottom-Up Visual Processing and Visual Hallucinations in Parkinson's Disease With Dementia. <i>Frontiers in Neurology</i> , 2020, 11, 579113.	1.1	4
41	Face Perception and Pareidolia Production in Patients With Parkinson's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 669691.	1.1	4
42	Cognition, hallucination severity and hallucination-specific insight in neurodegenerative disorders and eye disease. <i>Cognitive Neuropsychiatry</i> , 2022, 27, 105-121.	0.7	4
43	Ultravioletâ€œozone surface cleaning of injectionâ€œmolded, thermoplastic microcantilevers. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	3
44	Development and Pilot Testing of a Novel Electromechanical Device to Measure Wrist Rigidity in Parkinsonâ€™s Disease. , 2018, 2018, 4885-4888.		3
45	Tablet app-based dexterity-training in patients with Parkinson's disease: Pilot feasibility study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101419.	1.1	3
46	Wearable Based Calibration of Contactless In-home Motion Sensors for Physical Activity Monitoring in Community-Dwelling Older Adults. <i>Frontiers in Digital Health</i> , 2020, 2, 566595.	1.5	2
47	Nanometer-size anisotropy of injection-molded polymer micro-cantilever arrays. <i>Journal of Applied Physics</i> , 2012, 111, 103530.	1.1	1
48	Measuring the bending of asymmetric planar EAP structures. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
49	Passive wireless sensor systems can recognize activities of daily living. , 2015, 2015, 8042-5.		1
50	P1â€œ101: FEASIBILITY STUDY OF SYNCHROTRONâ€œBASED MICROTOMOGRAPHY TO IDENTIFY Î±â€œSYNUCLEIN OLIGOMERS IN POSTMORTEM TISSUE. <i>Alzheimer's and Dementia</i> , 2018, 14, P310.	0.4	0
51	P1â€œ046: PUZZLING THE MIND: EVALUATING THE DIFFICULTY OF GENERATED PUZZLE GAME LEVELS FOR A PUZZLE GAME INTERVENTION â€œ PRELIMINARY RESULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P284.	0.4	0
52	Editorial: new directions in hallucination research. <i>Cognitive Neuropsychiatry</i> , 2022, 27, 83-85.	0.7	0