

Nora Mattek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8437037/publications.pdf>

Version: 2024-02-01

40
papers

1,872
citations

279798

23
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

2195
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent Systems for Assessing Aging Changes: Home-Based, Unobtrusive, and Continuous Assessment of Aging. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2011, 66B, i180-i190.	3.9	237
2	One walk a year to 1000 within a year: Continuous in-home unobtrusive gait assessment of older adults. <i>Gait and Posture</i> , 2012, 35, 197-202.	1.4	187
3	Current State of Digital Biomarker Technologies for Real-Life, Home-Based Monitoring of Cognitive Function for Mild Cognitive Impairment to Mild Alzheimer Disease and Implications for Clinical Care: Systematic Review. <i>Journal of Medical Internet Research</i> , 2019, 21, e12785.	4.3	133
4	Continuous Monitoring of Turning Mobility and Its Association to Falls and Cognitive Function: A Pilot Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1102-1108.	3.6	122
5	Unobtrusive measurement of daily computer use to detect mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2014, 10, 10-17.	0.8	119
6	Pervasive Computing Technologies to Continuously Assess Alzheimer's Disease Progression and Intervention Efficacy. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 102.	3.4	88
7	Time Out-of-Home and Cognitive, Physical, and Emotional Wellbeing of Older Adults: A Longitudinal Mixed Effects Model. <i>PLoS ONE</i> , 2015, 10, e0139643.	2.5	87
8	Web-enabled conversational interactions as a method to improve cognitive functions: Results of a 6-week randomized controlled trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2015, 1, 1-12.	3.7	87
9	Dementia Care Comes Home: Patient and Caregiver Assessment via Telemedicine. <i>Gerontologist</i> , The, 2017, 57, e85-e93.	3.9	71
10	Computer mouse movement patterns: A potential marker of mild cognitive impairment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 472-480.	2.4	66
11	Sleep Habits in Mild Cognitive Impairment. <i>Alzheimer Disease and Associated Disorders</i> , 2014, 28, 145-150.	1.3	64
12	Passive Assessment of Routine Driving with Unobtrusive Sensors: A New Approach for Identifying and Monitoring Functional Level in Normal Aging and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1427-1437.	2.6	43
13	Plasma omega-3 PUFA and white matter mediated executive decline in older adults. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 92.	3.4	39
14	The Impact of Sleep on Neuropsychological Performance in Cognitively Intact Older Adults Using a Novel In-Home Sensor-Based Sleep Assessment Approach. <i>Clinical Neuropsychologist</i> , 2015, 29, 53-66.	2.3	38
15	Methodology for Establishing a Community-Wide Life Laboratory for Capturing Unobtrusive and Continuous Remote Activity and Health Data. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	37
16	Clustering home activity distributions for automatic detection of mild cognitive impairment in older adults. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2016, 8, 437-451.	1.4	36
17	Weekly observations of online survey metadata obtained through home computer use allow for detection of changes in everyday cognition before transition to mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2018, 14, 187-194.	0.8	35
18	Are You Sure? <i>Journal of Applied Gerontology</i> , 2016, 35, 627-641.	2.0	34

#	ARTICLE	IF	CITATIONS
19	Variability in medication taking is associated with cognitive performance in nondemented older adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 6, 210-213.	2.4	34
20	Embedded Online Questionnaire Measures Are Sensitive to Identifying Mild Cognitive Impairment. <i>Alzheimer Disease and Associated Disorders</i> , 2016, 30, 152-159.	1.3	31
21	Risk of incident clinical diagnosis of Alzheimer's disease "type dementia" attributable to pathology "confirmed vascular disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 613-623.	0.8	30
22	Less Daily Computer Use is Related to Smaller Hippocampal Volumes in Cognitively Intact Elderly. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 713-717.	2.6	27
23	Associations between Serum Omega-3 Fatty Acid Levels and Cognitive Functions among Community-Dwelling Octogenarians in Okinawa, Japan: The KOCOA Study. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 857-866.	2.6	27
24	Sex differences in the association of alcohol with cognitive decline and brain pathology in a cohort of octogenarians. <i>Psychopharmacology</i> , 2018, 235, 761-770.	3.1	19
25	Serum Levels of \pm -Klotho Are Correlated with Cerebrospinal Fluid Levels and Predict Measures of Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1471-1481.	2.6	17
26	Feasibility of In-Home Sensor Monitoring to Detect Mild Cognitive Impairment in Aging Military Veterans: Prospective Observational Study. <i>JMIR Formative Research</i> , 2020, 4, e16371.	1.4	16
27	An Ecologically Valid, Longitudinal, and Unbiased Assessment of Treatment Efficacy in Alzheimer Disease (the EVALUATE-AD Trial): Proof-of-Concept Study. <i>JMIR Research Protocols</i> , 2020, 9, e17603.	1.0	14
28	Application of In-Home Monitoring Data to Transition Decisions in Continuing Care Retirement Communities: Usability Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e18806.	4.3	13
29	In-Home Mobility Frequency and Stability in Older Adults Living Alone With or Without MCI: Introduction of New Metrics. <i>Frontiers in Digital Health</i> , 2021, 3, 764510.	2.8	13
30	Unobtrusive Sensing Technology Detects Ecologically Valid Spatiotemporal Patterns of Daily Routines Distinctive to Persons With Mild Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 2077-2084.	3.6	13
31	The Survey for Memory, Attention, and Reaction Time (SMART): Development and Validation of a Brief Web-Based Measure of Cognition for Older Adults. <i>Gerontology</i> , 2021, 67, 740-752.	2.8	12
32	Using Technology to Facilitate Fidelity Assessments: The Tele-STAR Caregiver Intervention. <i>Journal of Medical Internet Research</i> , 2019, 21, e13599.	4.3	12
33	Passively-Measured Routine Home Computer Activity and Application Use Can Detect Mild Cognitive Impairment and Correlate with Important Cognitive Functions in Older Adulthood. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1053-1064.	2.6	10
34	Can changes in social contact (frequency and mode) mitigate low mood before and during the COVID-19 pandemic? The CONECT project. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 669-676.	2.6	8
35	The Five Ws of Falls: Weekly Online Health Survey of Community-Dwelling Older Adults: Analysis of 4 Years Prospective Follow-up. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 946-951.	3.6	5
36	Unobtrusive, in-home assessment of older adults' everyday activities and health events: associations with cognitive performance over a brief observation period. <i>Aging, Neuropsychology, and Cognition</i> , 2021, , 1-18.	1.3	5

#	ARTICLE	IF	CITATIONS
37	Subtle Changes in Medication-taking Are Associated With Incident Mild Cognitive Impairment. Alzheimer Disease and Associated Disorders, 2021, 35, 237-243.	1.3	4
38	Use of in-home activity monitoring technologies in older adult veterans with mild cognitive impairment: The impact of attitudes and cognition. Gerontechnology, 2021, 20, 1-12.	0.1	2
39	Association Between Mild Cognitive Impairment and Seasonal Rest-Activity Patterns of Older Adults. Frontiers in Digital Health, 2022, 4, 809370.	2.8	2
40	[O2â€“16â€“01]: THE SURVEY FOR MEMORY, ATTENTION, AND REACTION TIME (SMART): A BRIEF ONLINE PERSONAL COMPUTINGâ€“BASED COGNITIVE ASSESSMENT FOR HEALTHY AGING AND MILD COGNITIVE IMPAIRMENT. Alzheimer's and Dementia, 2017, 13, P596.	0.8	1