Nora Mattek

List of Publications by Year
in descending order

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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	Unobtrusive Sensing Technology Detects Ecologically Valid Spatiotemporal Patterns of Daily Routines Distinctive to Persons With Mild Cognitive Impairment. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 2077-2084.	3.6	13
2	Association Between Mild Cognitive Impairment and Seasonal Rest-Activity Patterns of Older Adults. Frontiers in Digital Health, 2022, 4, 809370.	2.8	2
3	Serum Levels of Î±-Klotho Are Correlated with Cerebrospinal Fluid Levels and Predict Measures of Cognitive Function. Journal of Alzheimer's Disease, 2022, 86, 1471-1481.	2.6	17
4	Can changes in social contact (frequency and mode) mitigate low mood before and during the <scp>COVID</scp>â€19 pandemic? The <scp>Iâ€CONECT</scp> project. Journal of the American Geriatrics Society, 2022, 70, 669-676.	2.6	8
5	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
6	Subtle Changes in Medication-taking Are Associated With Incident Mild Cognitive Impairment. Alzheimer Disease and Associated Disorders, 2021, 35, 237-243.	1.3	4
7	The Survey for Memory, Attention, and Reaction Time (SMART): Development and Validation of a Brief Web-Based Measure of Cognition for Older Adults. Gerontology, 2021, 67, 740-752.	2.8	12
8	Unobtrusive, in-home assessment of older adultsâ€™ everyday activities and health events: associations with cognitive performance over a brief observation period. Aging, Neuropsychology, and Cognition, 2021, , 1-18.	1.3	5
9	Passively-Measured Routine Home Computer Activity and Application Use Can Detect Mild Cognitive Impairment and Correlate with Important Cognitive Functions in Older Adulthood. Journal of Alzheimer's Disease, 2021, 81, 1053-1064.	2.6	10
10	Application of In-Home Monitoring Data to Transition Decisions in Continuing Care Retirement Communities: Usability Study. Journal of Medical Internet Research, 2021, 23, e18806.	4.3	13
11	In-Home Mobility Frequency and Stability in Older Adults Living Alone With or Without MCI: Introduction of New Metrics. Frontiers in Digital Health, 2021, 3, 764510.	2.8	13
12	The Five Wâ€™s of Falls: Weekly Online Health Survey of Community-Dwelling Older Adults: Analysis of 4 Years Prospective Follow-up. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 946-951.	3.6	5
13	Feasibility of In-Home Sensor Monitoring to Detect Mild Cognitive Impairment in Aging Military Veterans: Prospective Observational Study. JMIR Formative Research, 2020, 4, e16371.	1.4	16
14	An Ecologically Valid, Longitudinal, and Unbiased Assessment of Treatment Efficacy in Alzheimer Disease (the EVALUATE-AD Trial): Proof-of-Concept Study. JMIR Research Protocols, 2020, 9, e17603.	1.0	14
15	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. Journal of Medical Internet Research, 2019, 21, e12785.	4.3	133
16	Using Technology to Facilitate Fidelity Assessments: The Tele-STAR Caregiver Intervention. Journal of Medical Internet Research, 2019, 21, e13599.	4.3	12
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. Alzheimer's and Dementia, 2018, 14, 187-194.	0.8	35
18	Sex differences in the association of alcohol with cognitive decline and brain pathology in a cohort of octogenarians. Psychopharmacology, 2018, 235, 761-770.	3.1	19

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19	Methodology for Establishing a Community-Wide Life Laboratory for Capturing Unobtrusive and Continuous Remote Activity and Health Data. Journal of Visualized Experiments, 2018, , .	0.3	37
20	Variability in medication taking is associated with cognitive performance in nondemented older adults. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 6, 210-213.	2.4	34
21	Risk of incident clinical diagnosis of Alzheimer's diseaseâ€“type dementiaÂattributable to pathologyâ€confirmed vascular disease. Alzheimer's and Dementia, 2017, 13, 613-623.	0.8	30
22	[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
23	Passive Assessment of Routine Driving with Unobtrusive Sensors: A New Approach for Identifying and Monitoring Functional Level in Normal Aging and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2017, 59, 1427-1437.	2.6	43
24	Dementia Care Comes Home: Patient and Caregiver Assessment via Telemedicine. Gerontologist, The, 2017, 57, e85-e93.	3.9	71
25	Embedded Online Questionnaire Measures Are Sensitive to Identifying Mild Cognitive Impairment. Alzheimer Disease and Associated Disorders, 2016, 30, 152-159.	1.3	31
26	Less Daily Computer Use is Related to Smaller Hippocampal Volumes in Cognitively Intact Elderly. Journal of Alzheimer's Disease, 2016, 52, 713-717.	2.6	27
27	Clustering home activity distributions for automatic detection of mild cognitive impairment in older adults1. Journal of Ambient Intelligence and Smart Environments, 2016, 8, 437-451.	1.4	36
28	Associations between Serum Omega-3 Fatty Acid Levels and Cognitive Functions among Community-Dwelling Octogenarians in Okinawa, Japan: The KOCOA Study. Journal of Alzheimer's Disease, 2016, 51, 857-866.	2.6	27
29	â€œAre You Sure?â€: Journal of Applied Gerontology, 2016, 35, 627-641.	2.0	34
30	Continuous Monitoring of Turning Mobility and Its Association to Falls and Cognitive Function: A Pilot Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1102-1108.	3.6	122
31	Computer mouse movement patterns: A potential marker of mild cognitive impairment. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1, 472-480.	2.4	66
32	Pervasive Computing Technologies to Continuously Assess AlzheimerÃ¢â‚¬â„¢s Disease Progression and Intervention Efficacy. Frontiers in Aging Neuroscience, 2015, 7, 102.	3.4	88
33	Time Out-of-Home and Cognitive, Physical, and Emotional Wellbeing of Older Adults: A Longitudinal Mixed Effects Model. PLoS ONE, 2015, 10, e0139643.	2.5	87
34	The Impact of Sleep on Neuropsychological Performance in Cognitively Intact Older Adults Using a Novel In-Home Sensor-Based Sleep Assessment Approach. Clinical Neuropsychologist, 2015, 29, 53-66.	2.3	38
35	Webâ€enabled conversational interactions as a method to improve cognitive functions: Results of a 6â€week randomized controlled trial. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2015, 1, 1-12.	3.7	87
36	Sleep Habits in Mild Cognitive Impairment. Alzheimer Disease and Associated Disorders, 2014, 28, 145-150.	1.3	64

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37	Unobtrusive measurement of daily computer use to detect mild cognitive impairment. Alzheimer's and Dementia, 2014, 10, 10-17.	0.8	119
38	Plasma omega-3 PUFA and white matter mediated executive decline in older adults. Frontiers in Aging Neuroscience, 2013, 5, 92.	3.4	39
39	One walk a year to 1000 within a year: Continuous in-home unobtrusive gait assessment of older adults. Gait and Posture, 2012, 35, 197-202.	1.4	187
40	Intelligent Systems for Assessing Aging Changes: Home-Based, Unobtrusive, and Continuous Assessment of Aging. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2011, 66B, i180-i190.	3.9	237