

# CITATION REPORT

List of articles citing

## New Tools for New Research in Psychiatry: A Scalable and Customizable Platform to Empower Data Driven Smartphone Research

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362	Bipolar disorder in the digital age: new tools for the same illness. <b>2016</b> , 4, 25		7
361	Harnessing Smartphone-Based Digital Phenotyping to Enhance Behavioral and Mental Health. <b>2016</b> , 41, 1691-6		269
360	A Network Neuroscience of Human Learning: Potential to Inform Quantitative Theories of Brain and Behavior. <b>2017</b> , 21, 250-264		57
359	Methodology and Reporting of Mobile Health and Smartphone Application Studies for Schizophrenia. <b>2017</b> , 25, 146-154		38
358	CrossCheck: Integrating self-report, behavioral sensing, and smartphone use to identify digital indicators of psychotic relapse. <b>2017</b> , 40, 266-275		83
357	Personal Sensing: Understanding Mental Health Using Ubiquitous Sensors and Machine Learning. <b>2017</b> , 13, 23-47		302
356	Emerging Frontiers of Neuroengineering: A Network Science of Brain Connectivity. <b>2017</b> , 19, 327-352		32
355	New dimensions and new tools to realize the potential of RDoC: digital phenotyping via smartphones and connected devices. <b>2017</b> , 7, e1053		188
354	A comparison of passive and active estimates of sleep in a cohort with schizophrenia. <b>2017</b> , 3, 37		33
353	Parallel Interdigitated Distributed Networks within the Individual Estimated by Intrinsic Functional Connectivity. <b>2017</b> , 95, 457-471.e5		301
352	A Formal Valuation Framework for Emotions and Their Control. <b>2017</b> , 82, 413-420		18
351	Beyond Googling: The Ethics of Using Patients' Electronic Footprints in Psychiatric Practice. <b>2017</b> , 25, 170-179		19
350	The New Digital Divide For Digital BioMarkers. <b>2017</b> , 1, 87-91		26
349	Developing digital interventions for people living with serious mental illness: perspectives from three mHealth studies. <b>2017</b> , 20, 98-101		35
348	The power of capturing and using information at the point of care. <b>2017</b> , 5, 86-88		4
347	2nd Symposia on Computing and Mental Health. <b>2017</b> ,		2
346	Relapse prediction in schizophrenia through digital phenotyping: a pilot study. <b>2018</b> , 43, 1660-1666		151

345	A review of physiological and behavioral monitoring with digital sensors for neuropsychiatric illnesses. <b>2018</b> , 39, 05TR01	57
344	A crossroad for validating digital tools in schizophrenia and mental health. <b>2018</b> , 4, 6	5
343	Characterizing the clinical relevance of digital phenotyping data quality with applications to a cohort with schizophrenia. <b>2018</b> , 1, 15	55
342	New tests, new tools: mobile and connected technologies in advancing psychiatric diagnosis. <b>2018</b> , 1, 20176	21
341	[Assessment of mood disorders by passive data gathering: The concept of digital phenotype versus psychiatrist's professional culture]. <b>2018</b> , 44, 168-175	14
340	3rd Symposium on Computing and Mental Health. <b>2018</b> ,	4
339	The Validity and Value of Self-reported Physical Activity and Accelerometry in People With Schizophrenia: A Population-Scale Study of the UK Biobank. <b>2018</b> , 44, 1293-1300	52
338	Biomarkers: Delivering on the expectation of molecularly driven, quantitative health. <b>2018</b> , 243, 313-322	7
337	Making the MOST out of smartphone opportunities for mental health. <b>2018</b> ,	6
336	The HOPE Pilot Study: Harnessing Patient-Reported Outcomes and Biometric Data to Enhance Cancer Care. <b>2018</b> , 2, 1-12	37
335	Theme 10 Disease stratification and phenotyping. <b>2018</b> , 19, 282-300	
334	Quality of reporting and assessment of patient-reported health-related quality of life in patients with brain metastases: a systematic review. <b>2018</b> , 5, 214-222	6
333	Beyond smartphones and sensors: choosing appropriate statistical methods for the analysis of longitudinal data. <b>2018</b> , 25, 1669-1674	25
332	Internet- and mobile-based aftercare and relapse prevention in mental disorders: A systematic review and recommendations for future research. <b>2018</b> , 14, 1-17	28
331	Digital Technologies in the Treatment of Anxiety: Recent Innovations and Future Directions. <b>2018</b> , 20, 44	25
330	Patient Reported Outcomes: Recent Successes and Future Opportunities. <b>2018</b> , 148, 1-2	1
329	Improving Outcomes: Big Data and Predictive Analytics. <b>2018</b> , 205-212	1
328	Measuring social integration and tie strength with smartphone and survey data. <b>2018</b> , 13, e0200678	13

327	Daytime midpoint as a digital biomarker for chronotype in bipolar disorder. <b>2018</b> , 241, 586-591	6
326	Research Techniques Made Simple: Web-Based Survey Research in Dermatology: Conduct and Applications. <b>2018</b> , 138, 1456-1462	11
325	The accuracy of passive phone sensors in predicting daily mood. <b>2019</b> , 36, 72-81	36
324	Redefining shared decision-making in the digital era. <b>2019</b> , 45, 2287-2288	13
323	Digital Technology to Enhance Clinical Care of Early Psychosis. <b>2019</b> , 6, 256-270	10
322	Information and Communication Technologies, a Promising Way to Support Pharmacotherapy for the Behavioral and Psychological Symptoms of Dementia. <b>2019</b> , 10, 1122	1
321	Digital Phenotyping With Mobile and Wearable Devices: Advanced Symptom Measurement in Child and Adolescent Depression. <b>2019</b> , 58, 841-845	10
320	Using a Smartphone App to Identify Clinically Relevant Behavior Trends Symptom Report, Cognition Scores, and Exercise Levels: A Case Series. <b>2019</b> , 10, 652	32
319	Exploring temporal behaviour of app users completing ecological momentary assessments using mental health scales and mood logs. <b>2019</b> , 38, 1016-1027	2
318	Combining mobile-health (mHealth) and artificial intelligence (AI) methods to avoid suicide attempts: the Smartcrises study protocol. <b>2019</b> , 19, 277	26
317	Toward clinical digital phenotyping: a timely opportunity to consider purpose, quality, and safety. <b>2019</b> , 2, 88	89
316	From Return of Information to Return of Value: Ethical Considerations when Sharing Individual-Level Research Data. <b>2019</b> , 71, 1081-1088	12
315	Student Perspectives on Digital Phenotyping. <b>2019</b> ,	27
314	The Minimum Sampling Rate and Sampling Duration When Applying Geolocation Data Technology to Human Activity Monitoring. <b>2019</b> , 233-238	1
313	Creating a Digital Health Smartphone App and Digital Phenotyping Platform for Mental Health and Diverse Healthcare Needs: an Interdisciplinary and Collaborative Approach. <b>2019</b> , 4, 73-85	56
312	Design and results of a smartphone-based digital phenotyping study to quantify ALS progression. <b>2019</b> , 6, 873-881	31
311	Nonsocial and social cognition in schizophrenia: current evidence and future directions. <b>2019</b> , 18, 146-161	182
310	Digital biomarkers from geolocation data in bipolar disorder and schizophrenia: a systematic review. <b>2019</b> , 26, 1412-1420	23

309	Innovations in Technology and Mechanisms of Change in Behavioral Interventions. <b>2019</b> , 145445519845603	5
308	Assessing the potential of longitudinal smartphone based cognitive assessment in schizophrenia: A naturalistic pilot study. <b>2019</b> , 17, 100144	17
307	Integrating Social and Behavioral Determinants of Health into Population Health Analytics: A Conceptual Framework and Suggested Road Map. <b>2019</b> , 22, 488-494	9
306	Digital Phenotyping in Patients with Spine Disease: A Novel Approach to Quantifying Mobility and Quality of Life. <b>2019</b> , 126, e241-e249	17
305	Narcissistic and Histrionic Pathological Traits Association with Passive Data from Facebook Profile. <b>2019</b> , 4, 274-284	0
304	Clinical and research applications of a brain tumor tissue bank in the age of precision medicine. <b>2019</b> , 16, 145-156	3
303	A survey on big data-driven digital phenotyping of mental health. <b>2019</b> , 52, 290-307	50
302	Acceptability of smartphone applications for global positioning system (GPS) and ecological momentary assessment (EMA) research among sexual minority men. <b>2019</b> , 14, e0210240	12
301	A new hope for early psychosis care: the evolving landscape of digital care tools. <b>2019</b> , 214, 269-272	15
300	A Clinical Perspective on Big Data in Mental Health. <b>2019</b> , 37-51	2
299	Mobile Phones as a Medium of Mental Health Care Service Delivery: Perspectives and Barriers among Patients with Severe Mental Illness. <b>2019</b> , 41, 428-433	11
298	Digital phenotyping for assessment and prediction of mental health outcomes: a scoping review protocol. <b>2019</b> , 9, e032255	12
297	[Ambulatory monitoring and digital phenotyping in the diagnostics and treatment of bipolar disorders]. <b>2019</b> , 90, 1215-1220	1
296	Precision Medicine and Suicide: an Opportunity for Digital Health. <b>2019</b> , 21, 131	4
295	Using Digital Phenotyping to Accurately Detect Depression Severity. <b>2019</b> , 207, 893-896	30
294	Real-time monitoring technology in single-case experimental design research: Opportunities and challenges. <b>2019</b> , 117, 87-96	22
293	Social physics: uncovering human behaviour from communication. <b>2019</b> , 4, 1527723	11
292	Acceptance and Cognitive Reappraisal as Regulation Strategies for Symptom Annoyance in Individuals with Medically Unexplained Physical Symptoms. <b>2019</b> , 43, 570-584	1

291	Let's Get Digital: Understanding Adolescent Romantic Relationships Using Naturalistic Assessments of Digital Communication. <b>2019</b> , 13, 104-109	2
290	Commentary on: Objective smartphone data as a potential diagnostic marker of bipolar disorder. <b>2019</b> , 53, 170-171	0
289	Inferring mobility measures from GPS traces with missing data. <b>2020</b> , 21, e98-e112	31
288	Prioritizing the Patient Perspective in Oncologic Surgery. <b>2020</b> , 27, 43-44	8
287	The use of personal and indoor air pollution monitors in reproductive epidemiology studies. <b>2020</b> , 34, 513-521	4
286	The Therapeutic Use of Digital Technologies in Psychosis. <b>2020</b> , 637-662	1
285	Using Smartphones to Capture Novel Recovery Metrics After Cancer Surgery. <b>2020</b> , 155, 123-129	37
284	ASO Author Reflections: Applications of Smartphone-Based Digital Phenotyping in Supplementing Recovery Assessment After Cancer Surgery. <b>2020</b> , 27, 909-910	
283	Digital phenotyping in Parkinson's disease: Empowering neurologists for measurement-based care. <b>2020</b> , 80, 35-40	6
282	Determining sample size and length of follow-up for smartphone-based digital phenotyping studies. <b>2020</b> , 27, 1844-1849	5
281	Digital phenotyping for mental health of college students: a clinical review. <b>2020</b> , 23, 161-166	23
280	Augmented Movelet Method for Activity Classification Using Smartphone Gyroscope and Accelerometer Data. <b>2020</b> , 20,	3
279	Systematic Review of Digital Phenotyping and Machine Learning in Psychosis Spectrum Illnesses. <b>2020</b> , 28, 296-304	11
278	Can digital data diagnose mental health problems? A sociological exploration of 'digital phenotyping'. <b>2020</b> , 42, 1873-1887	16
277	The crossroads of digital phenotyping. <b>2020</b> , 74, 126-126	2
276	Monitoring Changes in Depression Severity Using Wearable and Mobile Sensors. <b>2020</b> , 11, 584711	13
275	Creating a Learning Televillage and Automated Digital Child Health Ecosystem. <b>2020</b> , 67, 707-724	2
274	Mitigating COVID-19 Impact on the Portuguese Population Mental Health: The Opportunity That Lies in Digital Mental Health. <b>2020</b> , 8, 553345	12

273	Digital Phenotyping in Bipolar Disorder: Which Integration with Clinical Endophenotypes and Biomarkers?. <b>2020</b> , 21,	5
272	The potential of digital phenotyping to advance the contributions of mobile health to self-management science. <b>2020</b> , 68, 548-559	4
271	Can Text Messages Identify Suicide Risk in Real Time? A Within-Subjects Pilot Examination of Temporally Sensitive Markers of Suicide Risk. <b>2020</b> , 8, 704-722	9
270	Self-monitoring diabetes with multiple mobile health devices. <b>2020</b> , 27, 667-676	14
269	Digital envirotyping: quantifying environmental determinants of health and behavior. <b>2020</b> , 3, 36	5
268	Digital phenotyping, behavioral sensing, or personal sensing: names and transparency in the digital age. <b>2020</b> , 3, 45	22
267	Is Big Data the New Stethoscope? Perils of Digital Phenotyping to Address Mental Illness. <b>2020</b> , 34, 447	5
266	mobileQ: A free user-friendly application for collecting experience sampling data. <b>2020</b> , 52, 1510-1515	24
265	Artificial intelligence for management of patients with intracranial neoplasms. <b>2020</b> , 203-230	
264	Developing Real-world Evidence-Ready Datasets: Time for Clinician Engagement. <b>2020</b> , 22, 45	5
263	Digital health data-driven approaches to understand human behavior. <b>2021</b> , 46, 191-196	22
262	Opportunities and challenges in the collection and analysis of digital phenotyping data. <b>2021</b> , 46, 45-54	32
261	Digital phenotyping and the COVID-19 pandemic: Capturing behavioral change in patients with psychiatric disorders. <b>2021</b> , 42, 115-120	16
260	Les trois cultures de la psychiatrie computationnelle. <b>2021</b> , 179, 63-71	2
259	Smartphone Global Positioning System (GPS) Data Enhances Recovery Assessment After Breast Cancer Surgery. <b>2021</b> , 28, 985-994	7
258	Computational medicine, present and the future: obstetrics and gynecology perspective. <b>2021</b> , 224, 16-34	1
257	Smartphone Health Assessment for Relapse Prevention (SHARP): a digital solution toward global mental health. <b>2021</b> , 7, e29	3
256	Sociodemographic Characteristics of Missing Data in Digital Phenotyping.	1

255	Building the Digital Mental Health Ecosystem: Opportunities and Challenges for Mobile Health Innovators. <b>2021</b> , 23, e27507	2
254	Digital Health Interventions in Mental Health. <b>2021</b> , 328-340	
253	Mobile and Wearable Sensing Frameworks for mHealth Studies and Applications. <b>2021</b> , 2, 1-28	3
252	Anomaly detection to predict relapse risk in schizophrenia. <b>2021</b> , 11, 28	10
251	Wearables, smartphones, and artificial intelligence for digital phenotyping and health. <b>2021</b> , 33-54	5
250	Design Bioethics: A Theoretical Framework and Argument for Innovation in Bioethics Research. <b>2021</b> , 21, 37-50	14
249	Ubiquitous computing for person-environment research: Opportunities, considerations, and future directions. <b>2021</b> , 103-143	
248	Digital phenotyping and sensitive health data: Implications for data governance. <b>2021</b> , 28, 2002-2008	3
247	DPSleep: Open-Source Longitudinal Sleep Analysis From Accelerometer Data.	
246	Improving Psychiatric Care Through Integrated Digital Technologies. <b>2021</b> , 27, 92-100	2
245	Investigating Associations Between Screen Time and Symptomatology in Individuals With Serious Mental Illness: Longitudinal Observational Study. <b>2021</b> , 23, e23144	2
244	HOPES: An Integrative Digital Phenotyping Platform for Data Collection, Monitoring, and Machine Learning. <b>2021</b> , 23, e23984	6
243	Sensing Applications and Public Datasets for Digital Phenotyping of Mental Health (Preprint).	
242	Digital phenotyping of student mental health during COVID-19: an observational study of 100 college students. <b>2021</b> , 1-13	2
241	Perceptions of Alerts Issued by Social Media Platforms in Response to Self-injury Posts Among Latinx Adolescents: Qualitative Analysis (Preprint).	
240	Phenotypes of engagement with mobile health technology for heart rhythm monitoring. <b>2021</b> , 4, ooab043	1
239	Design considerations of mHealth Platforms for Real-Time Intervention Studies: Evaluative Framework and Proof-of-Concept Study (Preprint).	
238	The Emerging Circadian Phenotype of Borderline Personality Disorder: Mechanisms, Opportunities and Future Directions. <b>2021</b> , 23, 30	3



237	A year in the social life of a teenager: Within-person fluctuations in stress, phone communication, and anxiety and depression. <b>2021</b> , 9, 791-809	2
236	Open-source Longitudinal Sleep Analysis From Accelerometer Data (DPSleep): Algorithm Development and Validation. <b>2021</b> , 9, e29849	1
235	DPSleep: Open-Source Longitudinal Sleep Analysis From Accelerometer Data (Preprint).	
234	Requirements and Operational Guidelines for Secure and Sustainable Digital Phenotyping: Design and Development Study. <b>2021</b> , 23, e20996	2
233	An Automated Machine Learning Pipeline for Monitoring and Forecasting Mobile Health Data. <b>2021</b> , ,	1
232	AI in patient flow: applications of artificial intelligence to improve patient flow in NHS acute mental health inpatient units. <b>2021</b> , 7, e06993	3
231	Digital Phenotypes for Understanding Individuals' Compliance With COVID-19 Policies and Personalized Nudges: Longitudinal Observational Study. <b>2021</b> , 5, e23461	2
230	Can Playing with Toy Blocks Reflect Behavior Problems in Children?. <b>2021</b> ,	
229	Mobile Footprinting: Linking Individual Distinctiveness in Mobility Patterns to Mood, Sleep, and Brain Functional Connectivity.	1
228	Passive Data Use for Digital Public Health Surveillance in a Post-Pandemic World (Preprint).	
227	Primary Negative Symptoms: Refining the Research Target. <b>2021</b> , 47, 1207-1210	2
226	Towards Clustering Human Behavioral Patterns based on Digital Phenotyping. <b>2021</b> ,	0
225	Advancing translational research through the interface of digital phenotyping and neuroimaging: A narrative review. <b>2021</b> , 4, 100032	3
224	Digital Phenotyping and Dynamic Monitoring of Adolescents Treated for Cancer to Guide Intervention: Embracing a New Era. <b>2021</b> , 11, 673581	3
223	Concurrent and prospective associations between fitbit wearable-derived RDoC arousal and regulatory constructs and adolescent internalizing symptoms. <b>2021</b> ,	1
222	Feasibility and performance of smartphone-based daily micro-surveys among patients recovering from cancer surgery. <b>2021</b> , 1	
221	Collecting and analyzing smartphone sensor data for health. <b>2021</b> ,	1
220	A New Characterization of Mental Health Disorders Using Digital Behavioral Data: Evidence from Major Depressive Disorder. <b>2021</b> , 10,	0

219	Predicting Depression From Smartphone Behavioral Markers Using Machine Learning Methods, Hyperparameter Optimization, and Feature Importance Analysis: Exploratory Study. <b>2021</b> , 9, e26540	11
218	Digital Phenotyping in Child and Adolescent Psychiatry: A Perspective. <b>2021</b> , 29, 401-408	1
217	Sociodemographic characteristics of missing data in digital phenotyping. <b>2021</b> , 11, 15408	3
216	How Patient Work Changes Over Time for People With Multimorbid Type 2 Diabetes: Qualitative Study. <b>2021</b> , 23, e25992	1
215	Perceptions of Alerts Issued by Social Media Platforms in Response to Self-injury Posts Among Latinx Adolescents: Qualitative Analysis. <b>2021</b> , 23, e28931	
214	Using e-diaries to investigate ADHD - State-of-the-art and the promising feature of just-in-time-adaptive interventions. <b>2021</b> , 127, 884-898	6
213	Smartphone GPS signatures of patients undergoing spine surgery correlate with mobility and current gold standard outcome measures. <b>2021</b> , 1-11	0
212	Decision Models and Technology Can Help Psychiatry Develop Biomarkers. <b>2021</b> , 12, 706655	1
211	An App-Based Surveillance System for Undergraduate Students' Mental Health During the COVID-19 Pandemic: Protocol for a Prospective Cohort Study. <b>2021</b> , 10, e30504	0
210	The growing field of digital psychiatry: current evidence and the future of apps, social media, chatbots, and virtual reality. <b>2021</b> , 20, 318-335	46
209	Quantified Us: a group-in-the-loop approach to team network reconstruction. <b>2021</b> ,	
208	Perceptions of Mobile Health Technology in Elective Surgery: A Qualitative Study of North American Surgeons. <b>2021</b> ,	1
207	Dropping the E: The potential for integrating e-mental health in psychotherapy. <b>2021</b> , 41, 46-50	3
206	Predicting Symptoms of Depression and Anxiety Using Smartphone and Wearable Data. <b>2021</b> , 12, 625247	26
205	Mental Health and Treatment Considerations for Urban Populations. <b>2021</b> ,	
204	JuTrack: A Digital Biomarker Platform for Remote Monitoring in Neuropsychiatric and Psychiatric Diseases (Preprint).	
203	Habit Formation Dynamics: Finding Factors Associated with Building Strong Mindfulness Habits. <b>2021</b> , 348-356	0
202	Internet of Things Applied to Mental Health: Concepts, Applications, and Perspectives. <b>2020</b> , 33-58	1

201	Encyclopedia of Gerontology and Population Aging. <b>2020</b> , 1-11	2
200	Digital Interventions for Mental Disorders: Key Features, Efficacy, and Potential for Artificial Intelligence Applications. <b>2019</b> , 1192, 583-627	18
199	A smartphone application for semi-controlled collection of objective eating behavior data from multiple subjects. <b>2020</b> , 194, 105485	4
198	Considering the Therapeutic Alliance in Digital Mental Health Interventions. <b>2019</b> , 27, 268-273	12
197	Prodromes and Preclinical Detection of Brain Diseases: Surveying the Ethical Landscape of Predicting Brain Health. <b>2019</b> , 6,	3
196	Using Mobile Phone Sensor Technology for Mental Health Research: Integrated Analysis to Identify Hidden Challenges and Potential Solutions. <b>2018</b> , 20, e10131	49
195	The Effortless Assessment of Risk States (EARS) Tool: An Interpersonal Approach to Mobile Sensing. <i>JMIR Mental Health</i> , <b>2018</b> , 5, e10334	6 26
194	Patient and Provider Cocreation of Mobile Texting Apps to Support Behavioral Health: Usability Study. <b>2020</b> , 8, e12655	3
193	Capturing At-Home Health and Care Information for Children With Medical Complexity Using Voice Interactive Technologies: Multi-Stakeholder Viewpoint. <b>2020</b> , 22, e14202	12
192	Cognition in Context: Understanding the Everyday Predictors of Cognitive Performance in a New Era of Measurement. <b>2020</b> , 8, e14328	17
191	Psychiatry Outpatients' Willingness to Share Social Media Posts and Smartphone Data for Research and Clinical Purposes: Survey Study. <b>2019</b> , 3, e14329	9
190	A Web-Based Communication Platform to Improve Home Care Services in Norway (DigiHelse): Pilot Study. <b>2020</b> , 4, e14780	2
189	Assessing User Retention of a Mobile App: Survival Analysis. <b>2020</b> , 8, e16309	5
188	Intelligent Sensing to Inform and Learn (InSTIL): A Scalable and Governance-Aware Platform for Universal, Smartphone-Based Digital Phenotyping for Research and Clinical Applications. <b>2019</b> , 21, e16399	8
187	Deep Digital Phenotyping and Digital Twins for Precision Health: Time to Dig Deeper. <b>2020</b> , 22, e16770	22
186	Digital Phenotyping Self-Monitoring Behaviors for Individuals With Type 2 Diabetes Mellitus: Observational Study Using Latent Class Growth Analysis. <b>2020</b> , 8, e17730	5
185	Use of Tablets and Smartphones to Support Medical Decision Making in US Adults: Cross-Sectional Study. <b>2020</b> , 8, e19531	4
184	Daily Activities Related to Mobile Cognitive Performance in Middle-Aged and Older Adults: An Ecological Momentary Cognitive Assessment Study. <b>2020</b> , 8, e19579	9

183	Behavioral Indicators on a Mobile Sensing Platform Predict Clinically Validated Psychiatric Symptoms of Mood and Anxiety Disorders. <b>2017</b> , 19, e75		62
182	Identifying Objective Physiological Markers and Modifiable Behaviors for Self-Reported Stress and Mental Health Status Using Wearable Sensors and Mobile Phones: Observational Study. <b>2018</b> , 20, e210		116
181	Ecological Momentary Assessment of Adolescent Problems, Coping Efficacy, and Mood States Using a Mobile Phone App: An Exploratory Study. <i>JMIR Mental Health</i> , <b>2016</b> , 3, e51	6	25
180	Capturing Rest-Activity Profiles in Schizophrenia Using Wearable and Mobile Technologies: Development, Implementation, Feasibility, and Acceptability of a Remote Monitoring Platform. <b>2018</b> , 6, e188		26
179	Combining Continuous Smartphone Native Sensors Data Capture and Unsupervised Data Mining Techniques for Behavioral Changes Detection: A Case Series of the Evidence-Based Behavior (eB2) Study. <b>2018</b> , 6, e197		23
178	Data Collection for Mental Health Studies Through Digital Platforms: Requirements and Design of a Prototype. <b>2017</b> , 6, e110		15
177	An Interactive, Mobile-Based Tool for Personal Social Network Data Collection and Visualization Among a Geographically Isolated and Socioeconomically Disadvantaged Population: Early-Stage Feasibility Study With Qualitative User Feedback. <b>2017</b> , 6, e124		8
176	Ethical dilemmas posed by mobile health and machine learning in psychiatry research. <b>2020</b> , 98, 270-276		22
175	Virtual reality as a clinical tool in mental health research and practice?. <b>2020</b> , 22, 169-177		25
174	Recognizing Context-Aware Human Sociability Patterns Using Pervasive Monitoring for Supporting Mental Health Professionals. <b>2020</b> , 21,		3
173	Digital Phenotyping for the Busy Psychiatrist: Clinical Implications and Relevance. <b>2019</b> , 49, 196-201		3
172	Problematic smartphone use relationship with pathological personality traits: Systematic review and meta-analysis. <b>2018</b> , 12,		26
171	Cross-hierarchical Integrative Research Network for Heterogenetic Eye Disease Toward P4 Medicine: A Narrative Review. <b>2021</b> , 67,		0
170	For what it's worth. Unearthing the values embedded in digital phenotyping for mental health. <b>2021</b> , 8, 205395172110473		3
169	SWAY: Sleep disturbance as an early warning sign of suicidality in psychiatric inpatients transitioning to the community: an ecological momentary assessment study protocol (Preprint).		
168	Naturalizing psychopathology-towards a quantitative real-world psychiatry. <b>2021</b> ,		2
167	Data Subjects' Conceptualizations of and Attitudes Toward Automatic Emotion Recognition-Enabled Wellbeing Interventions on Social Media. <b>2021</b> , 5, 1-34		4
166	A Mobile Sensing App to Monitor Youth Mental Health: Observational Pilot Study. <b>2021</b> , 9, e20638		2

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- 164 Identifying Objective Physiological Markers and Modifiable Behaviors for Self-Reported Stress and Mental Health Status Using Wearable Sensors and Mobile Phones: Observational Study (Preprint).
- 163 The Effortless Assessment of Risk States (EARS) Tool: An Interpersonal Approach to Mobile Sensing (Preprint).
- 162 Digital Health Interventions in Mental Health. **2019**, 168-187
- 161 Recent Technology-Driven Advancements in Cardiovascular Disease Prevention in Korea. **2019**, 1, 43 3
- 160 Encyclopedia of Gerontology and Population Aging. **2019**, 1-11 1
- 159 The Ethics of Passive Data and Digital Phenotyping in Neurosurgery. **2019**, 129-141
- 158 Assessing User Retention of a Mobile App: Survival Analysis (Preprint).
- 157 Digital Phenotyping Self-Monitoring Behaviors for Individuals With Type 2 Diabetes Mellitus: Observational Study Using Latent Class Growth Analysis (Preprint).
- 156 Digital Sensory Phenotyping for Psychiatric Disorders. **2020**, 1
- 155 Shaping the Design of Smartphone-Based Interventions for Self-Harm. **2020**, 6
- 154 A Mobile Sensing App to Monitor Youth Mental Health: Observational Pilot Study (Preprint).
- 153 Requirements and Operational Guidelines for Secure and Sustainable Digital Phenotyping: Design and Development Study (Preprint).
- 152 Investigating Associations Between Screen Time and Symptomatology in Individuals With Serious Mental Illness: Longitudinal Observational Study (Preprint).
- 151 HOPES: An Integrative Digital Phenotyping Platform for Data Collection, Monitoring, and Machine Learning (Preprint).
- 150 Digital Phenotypes for Understanding Individuals' Compliance With COVID-19 Policies and Personalized Nudges: Longitudinal Observational Study (Preprint).
- 149 Use of Passive Sensing in Psychotherapy Studies in Late Life: A Pilot Example, Opportunities and Challenges. **2021**, 12, 732773
- 148 Predicting Depression From Smartphone Behavioral Markers Using Machine Learning Methods, Hyperparameter Optimization, and Feature Importance Analysis: Exploratory Study (Preprint).

147	Technological Interventions for Anxiety Disorders. <b>2020</b> ,	
146	Remote Digital Psychiatry: MindLogger for Mobile Mental Health Assessment and Therapy.	
145	Ecologically Valid Multimodal Data Collection. <b>2020</b> ,	0
144	Remote Digital Psychiatry for Mobile Mental Health Assessment and Therapy: MindLogger Platform Development Study. <b>2021</b> , 23, e22369	1
143	Digital Phenotyping and Digital Psychotropic Drugs: Mental Health Surveillance Tools That Threaten Human Rights. <b>2020</b> , 22, 33-39	3
142	Ecological momentary assessment and other digital technologies for capturing daily life in mental health. <b>2022</b> , 81-108	1
141	Collecting data from Internet (and other platform) users for mental health research. <b>2022</b> , 63-80	
140	Measuring Daily Diurnal Rhythms Using Passively Collected Smartphone Data (Preprint).	
139	Evaluating the utility of digital phenotyping to predict health outcomes in schizophrenia: protocol for the HOPE-S observational study. <b>2021</b> , 11, e046552	2
138	Exploring Post COVID-19 Outbreak Intradaily Mobility Pattern Change in College Students: A GPS-Focused Smartphone Sensing Study. <b>2021</b> , 3, 765972	1
137	Understanding the Predictors of Missing Location Data to Inform Smartphone Study Design: Observational Study. <b>2021</b> , 9, e28857	1
136	The Cambridge Cognitive and Psychiatric Assessment Kit (CamCOPS): A Secure Open-Source Client-Server System for Mobile Research and Clinical Data Capture. <b>2021</b> , 12, 578298	
135	Reproducible Analysis Pipeline for Data Streams: Open-Source Software to Process Data Collected With Mobile Devices. <b>2021</b> , 3, 769823	2
134	Screening for Depression in Mobile Devices Using Patient Health Questionnaire-9 (PHQ-9) Data: A Diagnostic Meta-Analysis via Machine Learning Methods. <b>2021</b> , 17, 3415-3430	0
133	Digital Phenotyping: an Epistemic and Methodological Analysis. <b>2021</b> , 34, 1-24	4
132	JTrack: A Digital Biomarker Platform for Remote Monitoring of Daily-Life Behaviour in Health and Disease. <b>2021</b> , 9, 763621	1
131	Social Integration. <b>2021</b> , 4577-4586	
130	Remote Digital Phenotyping in Serious mental Illness: Focus on Negative Symptoms, Mood Symptoms, and Self-Awareness. <b>2022</b> , 6, 100047	0

129	Digital epidemiology, deep phenotyping and the enduring fantasy of pathological omniscience. <b>2022</b> , 9, 205395172110664	2
128	Remote Digital Psychiatry for Mobile Mental Health Assessment and Therapy: MindLogger Platform Development Study (Preprint).	
127	Dose-Response Effects of Patient Engagement on Health Outcomes in an mHealth Intervention: Secondary Analysis of a Randomized Controlled Trial (Preprint).	
126	Digital phenotyping in psychiatry: When mental health goes binary.. <b>2021</b> , 30, 191-192	1
125	Sensing Apps and Public Data Sets for Digital Phenotyping of Mental Health: Systematic Review.. <b>2022</b> , 24, e28735	3
124	Passive Data Use for Ethical Digital Public Health Surveillance in a Postpandemic World.. <b>2022</b> , 24, e30524	1
123	Precision medicine and digital phenotyping: Digital medicine's way from more data to better health. <b>2021</b> , 8, 205395172110664	2
122	Dynamics of adolescents' smartphone use and well-being are positive but ephemeral.. <b>2022</b> , 12, 1316	2
121	Using mobile devices as scientific measurement instruments: Reliable android task scheduling. <b>2022</b> , 81, 101550	1
120	What is the Current and Future Status of Digital Mental Health Interventions?. <b>2022</b> , 25, e5	3
119	Piloting Smartphone Digital Phenotyping to Understand Problematic Internet Use in an Adolescent and Young Adult Sample.. <b>2022</b> , 1	2
118	The Digital Transformation of Hepatology: The Patient is Logged In.. <b>2022</b> ,	2
117	Digital Phenotyping in Clinical Neurology.. <b>2022</b> ,	2
116	Enabling Research and Clinical Use of Patient-Generated Health Data (the mindLAMP Platform): Digital Phenotyping Study.. <b>2022</b> , 10, e30557	0
115	Dose-Response Effects of Patient Engagement on Health Outcomes in an mHealth Intervention: Secondary Analysis of a Randomized Controlled Trial.. <b>2022</b> , 10, e25586	0
114	Estimating longitudinal depressive symptoms from smartphone data in a transdiagnostic cohort.. <b>2022</b> , e02077	1
113	Towards identifying context-enriched multimodal behavioral patterns for digital phenotyping of human behaviors. <b>2022</b> , 131, 227-239	0
112	Fluctuations in behavior and affect in college students measured using deep phenotyping.. <b>2022</b> , 12, 1932	2

111	Neural Networks for Clustered and Longitudinal Data Using Mixed Effects Models.. <b>2021</b> ,	2
110	Using Smartphones to Reduce Research Burden in a Neurodegenerative Population and Assessing Participant Adherence: A Randomized Clinical Trial and Two Observational Studies.. <b>2022</b> , 10, e31877	1
109	Data fusion of mobile and environmental sensing devices to understand the effect of the indoor environment on measured and self-reported sleep quality. <b>2022</b> , 214, 108835	0
108	Beiwe: A data collection platform for high-throughput digital phenotyping. <b>2021</b> , 6, 3417	1
107	Smartphone-Based Activity Recognition Using Multistream Movelets Combining Accelerometer and Gyroscope Data.. <b>2022</b> , 22,	1
106	Transformation of Outpatient Psychiatry.. <b>2022</b> , 45, 57-69	
105	Measuring age-related changes in everyday function in vivo: A neuropsychological framework for emerging digital tools (Preprint).	
104	Online Anomaly Detection for Smartphone-Based Multivariate Behavioral Time Series Data.. <b>2022</b> , 22,	0
103	A Machine Learning Approach Detecting Digital Behavioural Patterns of Depression Using Non-intrusive Smartphone Data - A Complementary Path to PHQ-9 Assessment: A Prospective Observational Study (Preprint).	0
102	Software Architecture Patterns for Extending Sensing Capabilities and Data Formatting in Mobile Sensing.. <b>2022</b> , 22,	1
101	: A Natural Language Processing-Based Digital Phenotyping Tool for Smart Monitoring of Suicidal Ideation.. <b>2022</b> , 10,	0
100	Framework for Digital Health Phenotypes in Heart Failure: From Wearable Devices to New Sensor Technologies.. <b>2022</b> , 18, 223-244	
99	Enhancing Patient-Centered Surgical Care With Mobile Health Technology.. <b>2022</b> , 274, 178-184	0
98	Using Smartphones to Reduce Research Burden in a Neurodegenerative Population and Assessing Participant Adherence: A Randomized Clinical Trial and Two Observational Studies (Preprint).	
97	MSLife. <b>2021</b> , 5, 1-35	1
96	Smartphone-based digital phenotyping for dry eye toward P4 medicine: a crowdsourced cross-sectional study.. <b>2021</b> , 4, 171	2
95	Ethical, Legal and Social Issues of Digital Phenotyping as a Future Solution for Present-Day Challenges: A Scoping Review.. <b>2021</b> , 28, 1	1
94	A Machine Learning Approach Detecting Digital Behavioural Patterns of Depression Using Non-intrusive Smartphone Data - A Complementary Path to PHQ-9 Assessment: A Prospective Observational Study.. <b>2022</b> ,	1



- 93 Feasibility, Acceptability, and Preliminary Outcomes of a Cognitive Behavioral Therapy-Based Mobile Mental Well-being Program (Noom Mood): Single-Arm Prospective Cohort Study.. **2022**, 6, e36794 ○
- 92 What Can Mobile Sensing and Assessment Strategies Capture About Human Subjectivity?. **2022**, 4, 871133
- 91 Non-participation in smartphone data collection using research apps. ○
- 90 Data\_Sheet\_1.pdf. **2020**,
- 89 Using digital phenotyping to characterize psychosocial trajectories for people with burn injury.. **2022**, ○
- 88 The Association Between Sleep Disturbance and Suicidality in Psychiatric Inpatients Transitioning to the Community: Protocol for an Ecological Momentary Assessment Study.. **2022**, 11, e33817
- 87 Predicting perinatal health outcomes using smartphone-based digital phenotyping and machine learning in a prospective Swedish cohort (Mom2B): study protocol.. **2022**, 12, e059033 ○
- 86 A Call to Expand the Scope of Digital Phenotyping (Preprint).
- 85 Smartphones for musculoskeletal research [hype or hope? Lessons from a decennium of mHealth studies. **2022**, 23, ○
- 84 Opportunities for Smartphone Sensing in E-Health Research: A Narrative Review. **2022**, 22, 3893 1
- 83 Passive Sensor Data for Characterizing States of Increased Risk for Eating Disorder Behaviors in the Digital Phenotyping Arm of the Binge Eating Genetics Initiative: Protocol for an Observational Study. **2022**, 11, e38294
- 82 Mobile footprinting: linking individual distinctiveness in mobility patterns to mood, sleep, and brain functional connectivity. ○
- 81 How Can Digital Mental Health Enhance Psychiatry?. 107385842210986 ○
- 80 Similarity matrix-based anomaly detection for clinical intervention. **2022**, 12, ○
- 79 Mood ratings and digital biomarkers from smartphone and wearable data differentiates and predicts depression status: A longitudinal data analysis. **2022**, 83, 101621 1
- 78 Digital tools for the assessment of pharmacological treatment for depressive disorder: State of the art. **2022**, 60, 100-116 ○
- 77 Exploring the digital footprint of depression: a PRISMA systematic literature review of the empirical evidence. **2022**, 22, ○
- 76 Impact of mobile phones and wireless devices use on children and adolescents' mental health: a systematic review. ○

- 75 Scalable real-time health data sensing and analysis enabling collaborative care delivery. **2022**, 12,
- 74 Development of Digital Biomarkers of Mental Illness via Mobile Apps for Personalized Treatment and Diagnosis. **2022**, 12, 936 ○
- 73 Measures of Behavior and Life Dynamics from Commonly Available GPS Data (DPLocate): Algorithm Development and Validation.
- 72 Big Health Data Research and Group Harm: The Scope of IRB Review. **2022**, 44, 34-38 1
- 71 Measuring Daily Activity Rhythms in Young Adults at Risk of Affective Instability Using Passively Collected Smartphone Data: Observational Study (Preprint). ○
- 70 Smart Sensors for Health Research and Improvement. **2023**, 395-411 ○
- 69 Recruitment to Retention in Remote Research: Learnings from a Large Decentralized Real-World Study (Preprint).
- 68 A Call to Expand the Scope of Digital Phenotyping (Preprint).
- 67 Measures of Behavior and Life Dynamics from Commonly Available GPS Data (DPLocate): Algorithm Development and Validation (Preprint).
- 66 Predicting states of elevated negative affect in adolescents from smartphone sensors: a novel personalized machine learning approach. 1-9 ○
- 65 Digital Phenotyping for Mental Health: Reviewing the Challenges of Using Data to Monitor and Predict Mental Health Problems.
- 64 Modeling social interaction dynamics measured with smartphone sensors: An ambulatory assessment study on social interactions and loneliness. 026540752211220
- 63 La psychiatrie connectée, une psychiatrie augmentée?. **2022**, 180, 702-706
- 62 How can machine learning identify suicidal ideation from user's texts? Towards the explanation of the Boamente system. **2022**, 206, 141-150 ○
- 61 VIEWPOINT Use of an Ingestible Sensor-based Digital Adherence System to Strengthen the Therapeutic Relationship in Serious Mental Illness. (Preprint). ○
- 60 Recruitment & Retention in Remote Research: Learnings from a Large Decentralized Real-World Study (Preprint). ○
- 59 Digital Phenotyping of Smartphone Data Successfully Predicts a Broad Range of Personality Constructs. ○
- 58 Examining and Promoting Explainable Recommendations for Personal Sensing Technology Acceptance. **2022**, 6, 1-27 ○

57	Digitale Phänotypisierung in der Psychologie Ein Quantensprung in der psychologischen Forschung?.	0
56	Capturing Cognitive Aging in Vivo: Application of a Neuropsychological Framework for Emerging Digital Tools. <b>2022</b> , 5, e38130	1
55	Accessibility and Availability of Smartphone Apps for Schizophrenia.	0
54	Two-dimensional nanostructures based $\beta$ -nics and $\beta$ -mics in personalized medicine. <b>2022</b> ,	1
53	Social distance $\beta$ -udge: A context aware mHealth intervention in response to COVID pandemics.	0
52	Psychiatric diagnosis and treatment in the 21st century: paradigm shifts versus incremental integration. <b>2022</b> , 21, 393-414	12
51	Digital phenotyping for classification of anxiety severity during COVID-19. 4,	1
50	E-Prevention: Advanced Support System for Monitoring and Relapse Prevention in Patients with Psychotic Disorders Analyzing Long-Term Multimodal Data from Wearables and Video Captures. <b>2022</b> , 22, 7544	0
49	m-Path Sense: A Novel Experience Sampling Tool with Integrated Mobile Sensing Data Collection (Preprint).	0
48	One-week suicide risk prediction using real-time smartphone monitoring (Preprint).	0
47	Digital Phenotyping of Behavioral Symptoms as the Next Frontier for Personalized and Proactive Cancer Care. <b>2022</b> ,	0
46	Unimodal vs. Multimodal Prediction of Antenatal Depression from Smartphone-based Survey Data in a Longitudinal Study. <b>2022</b> ,	0
45	Modern views of machine learning for precision psychiatry. <b>2022</b> , 3, 100602	3
44	Accessibility and availability of smartphone apps for schizophrenia. <b>2022</b> , 8,	0
43	Personalised depression forecasting using mobile sensor data and ecological momentary assessment. 4,	0
42	Real-time digital monitoring of a suicide attempt by a hospital patient. <b>2023</b> , 80, 35-39	0
41	A comparative study of autoencoder architectures for mental health analysis using wearable sensors data. <b>2022</b> ,	0
40	Virtual Reality Data for Predicting Mental Health Conditions. <b>2022</b> ,	0

- 39 Clinical Neuroscience Meets Second-Person Neuropsychiatry. **2023**, 177-191 ○
- 38 Linguistic and non-linguistic markers of disorganization in psychotic illness. **2022**, ○
- 37 Remote monitoring of cognition in cirrhosis and encephalopathy: future opportunity and challenge. ○
- 36 Ubiquitous computing in light of human phenotypes: foundations, challenges, and opportunities. ○
- 35 Leveraging Mobile Technology for Public Health Promotion: A Multidisciplinary Perspective. **2023**, 44, ○
- 34 KI-basierte Interventionen in Psychiatrie und Psychotherapie. **2023**, 209-223 ○
- 33 Short-circuiting biology: Digital phenotypes, digital biomarkers, and shifting gazes in psychiatry. **2023**, 10, 205395172211456 ○
- 32 Will digital technology address the challenges of drug development in psychiatry?. **2023**, 22, 79-80 ○
- 31 Information fusion of stationary, mobile, and wearable consumer-grade sensors to confidently estimate bedroom ventilation rates. **2023**, 230, 109997 ○
- 30 Capturing the Dynamics of the Social Environment through Experience Sampling Methods, Passive Sensing, and Egocentric Networks - a Scoping Review (Preprint). ○
- 29 BECOME: A Modular Recommender System for Coaching and Promoting Empowerment in Healthcare. 1
- 28 Relapse prediction in schizophrenia with smartphone digital phenotyping during COVID-19: a prospective, three-site, two-country, longitudinal study. **2023**, 9, ○
- 27 A critical analysis of digital phenotyping and the neuro-digital complex in psychiatry. **2023**, 10, 205395172211400
- 26 The ChAMP App: A Scalable mHealth Technology for Detecting Digital Phenotypes of Early Childhood Mental Health. ○
- 25 Multi-omics data integration methods and their applications in psychiatric disorders. **2023**, 69, 26-46 ○
- 24 Digital Phenotyping Models of Symptom Improvement in College Mental Health: Generalizability Across Two Cohorts. ○
- 23 Spine patient care with wearable medical technology: state-of-the-art, opportunities, and challenges: a systematic review. **2023**, ○
- 22 Combining mixed effects hidden markov models with latent alternating recurrent event processes to model diurnal active-rest cycles. ○

- 21 mHealth and social mediation: Mobile support among stigmatized people living with HIV and substance use disorder. **2023**, 25, 702-731
- 20 Text Generation to Aid Depression Detection: A Comparative Study of Conditional Sequence Generative Adversarial Networks. **2022**,
- 19 Combining Experience Sampling and Mobile Sensing for Digital Phenotyping With m-Path Sense: Performance Study. 7, e43296
- 18 Managing re-identification risks while providing access to the All of Us research program. **2023**, 30, 907-914
- 17 Randomized trial of inosine for urate elevation in amyotrophic lateral sclerosis. **2023**, 67, 378-386
- 16 Cognitive functioning in early-onset psychosis. **2023**, 127-152
- 15 The use of deep learning for smartphone-based human activity recognition. 11,
- 14 A Methodology-Oriented Pilot Feasibility Study of Digital Phenotyping for Mood Disorders (Preprint).
- 13 Reinventing mental health care in youth through mobile approaches: Current status and future steps. 14,
- 12 Smartwatch digital phenotypes predict positive and negative symptom variation in a longitudinal monitoring study of patients with psychotic disorders. 14,
- 11 Machine Learning-Based Prediction of Attention-Deficit/Hyperactivity Disorder and Sleep Problems With Wearable Data in Children. **2023**, 6, e233502
- 10 Monitoring sleep using smartphone data in a population of college students. **2023**, 2,
- 9 Effectiveness of the TeNDER technological system for improving quality of life in patients with chronic diseases: A study protocol for primary care health centers in Spain's public health system. (Preprint).
- 8 Digitale Phänotypisierung und künstliche Intelligenz. **2023**, 465-479
- 7 An Observational Pilot Study using a Digital Phenotyping Approach in Patients with Major Depressive Disorder Treated with Trazodone. 14,
- 6 Daily Pain Prediction Using Smartphone Speech Recordings of Patients With Spine Disease. **2023**, Publish Ahead of Print,
- 5 A scoping review of neurodegenerative manifestations in explainable digital phenotyping. **2023**, 9,
- 4 The stability of transient relationships. **2023**, 13,

- 3 Promoting brain health in a digital world. **2024**,
- 2 Adolescent and Parent Perspectives on Digital Phenotyping in Youth with Chronic Pain: A Survey Study (Preprint).
- 1 Heart Rate Variability Indexes in Schizophrenia. **2023**, 1-9