Research outputs:

Differences in mood instability in patients with bipolar disorder type I and II: a smartphone-based study
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

The association between mixed symptoms, irritability and functioning measured using smartphones in bipolar disorder
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

The effect of smartphone-based monitoring on illness activity in bipolar disorder: the MONARCA II randomized controlled single-blinded trial
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

3rd International workshop on mental health and well-being: Sensing and intervention
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2019 › Research › peer-review

Correlations Between Objective Behavioral Features Collected From Mobile and Wearable Devices and Depressive Mood Symptoms in Patients With Affective Disorders: Systematic Review: Systematic Review
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Data-Driven Learning In High-Resolution Activity Sampling From Patients With Bipolar Depression: Mixed-Methods Study.
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Double-Loop Health Technology: Enabling Socio-technical Design of Personal Health Technology in Clinical Practice
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2018 › Research › peer-review

Objective smartphone data as a potential diagnostic marker of bipolar disorder
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Supporting smartphone-based behavioral activation: A simulation study
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review
2nd International Workshop on Mental Health and Well-being: Sensing and Intervention: sensing and intervention
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Activity-Based Collaboration for Interactive Spaces
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2017 › Research › peer-review

Big Data hvor N=1
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2017 › Research

Can smartphone-based electronic markers discriminate between patients with bipolar disorder, healthy first-degree relatives and healthy control individuals
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2017 › Research › peer-review

Collaborative Affordances of Medical Records
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Helbredstjek af dansk sundhedsteknologi: Sektorudviklingsrapport
Research output: Book/Report › Report – Annual report year: 2017 › Commissioned

Reducing the rate and duration of Re-ADMISsions among patients with unipolar disorder and bipolar disorder using smartphone-based monitoring and treatment - the RADMIS trials: Study protocol for two randomized controlled trials
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

The Bipolar Illness Onset study: research protocol for the BIO cohort study
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Behavioral activities collected through smartphones and the association with illness activity in bipolar disorder
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Dedicated workspaces: Faster resumption times and reduced cognitive load in sequential multitasking
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Designing Context-Aware Cognitive Behavioral Therapy for Unipolar and Bipolar Disorders
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Electronic self-monitoring of mood using IT platforms in adult patients with bipolar disorder: A systematic review of the validity and evidence
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

The Personal Health Technology Design Space
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Voice analysis as an objective state marker in bipolar disorder
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2016 › Research › peer-review
Smartphone data as an electronic biomarker of illness activity in bipolar disorder
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Projects:

Open-access data platform for behavioural monitoring and visual analytics for mental health
Project: PhD

Software Architecture and Platform for Multi-study and Multi-source Digital Phenotyping Research
Project: PhD

Patient Training for Gaze Controlled Telepresence
Project: PhD

Design Toolbox for Personal Health Technology
Project: PhD

Computer- and Smartphone-based Assessment of Cognitive Functioning in Affective Disorders in Young People
Project: PhD

In-situ and Personalized Cognitive Behavioural Therapy for Mental Health
Project: PhD

Machine learning for smartphone-based monitoring and treatment of unipolar and bipolar disorders
Project: PhD

Engineering Systems Design in Healthcare
Project: PhD

Data mining and visualization of human behavior data sets
Project: PhD

Reducing the rate and duration of re-admission among patients with unipolar and bipolar disorder using smartphone-based monitoring and treatment
Project: Research