Jakob Eyvind Bardram

List of Publications by Year
in descending order

106 papers	3,483 citations	346980 22 h-index	252626 46 g-index
115 all docs	115 docs citations	115 times ranked	3102 citing authors

#	Article	IF	Citations
1	What Is the Difference? Investigating the Self-Report of Wellbeing via Conversational Agent and Web App. IEEE Pervasive Computing, 2022, 21, 60-68.	1.1	3
2	Software Architecture Patterns for Extending Sensing Capabilities and Data Formatting in Mobile Sensing. Sensors, 2022, 22, 2813.	2.1	1
3	mCardia: A Context-Aware ECG Collection System for Ambulatory Arrhythmia Screening. ACM Transactions on Computing for Healthcare, 2022, 3, 1-28.	3.3	6
4	Differences in mobility patterns according to machine learning models in patients with bipolar disorder and patients with unipolar disorder. Journal of Affective Disorders, 2022, 306, 246-253.	2.0	6
5	Discriminating between patients with unipolar disorder, bipolar disorder, and healthy control individuals based on voice features collected from naturalistic smartphone calls. Acta Psychiatrica Scandinavica, 2022, 145, 255-267.	2.2	2
6	Experiences of a Speech-enabled Conversational Agent for the Self-report of Well-being among People Living with Affective Disorders: An In-the-Wild Study. ACM Transactions on Interactive Intelligent Systems, 2022, 12, 1-29.	2.6	6
7	From Sensing to Actingâ€"Can Pervasive Computing Change the World?. IEEE Pervasive Computing, 2022, , 1-7.	1.1	0
8	Mood, activity, and sleep measured via daily smartphone-based self-monitoring in young patients with newly diagnosed bipolar disorder, their unaffected relatives and healthy control individuals. European Child and Adolescent Psychiatry, 2021, 30, 1209-1221.	2.8	6
9	Daily mobility patterns in patients with bipolar disorder and healthy individuals. Journal of Affective Disorders, 2021, 278, 413-422.	2.0	16
10	Integrated personalized diabetes management goes Europe: A multi-disciplinary approach to innovating type 2 diabetes care in Europe. Primary Care Diabetes, 2021, 15, 360-364.	0.9	10
11	Mobile and Wearable Sensing Frameworks for mHealth Studies and Applications. ACM Transactions on Computing for Healthcare, 2021, 2, 1-28.	3.3	17
12	Reducing the rate of psychiatric reâ€admissions in bipolar disorder using smartphonesâ€"The RADMIS trial. Acta Psychiatrica Scandinavica, 2021, 143, 453-465.	2.2	20
13	The effect of smartphone-based monitoring and treatment on the rate and duration of psychiatric readmission in patients with unipolar depressive disorder: The RADMIS randomized controlled trial. Journal of Affective Disorders, 2021, 282, 354-363.	2.0	19
14	Prevalences of comorbid anxiety disorder and daily smartphone-based self-reported anxiety in patients with newly diagnosed bipolar disorder. Evidence-Based Mental Health, 2021, 24, 137-144.	2.2	2
15	Public Attitudes to Digital Health Research Repositories: Cross-sectional International Survey. Journal of Medical Internet Research, 2021, 23, e31294.	2.1	5
16	Mood and Activity Measured Using Smartphones in Unipolar Depressive Disorder. Frontiers in Psychiatry, 2021, 12, 701360.	1.3	7
17	Automatically Generated Smartphone Data in Young Patients With Newly Diagnosed Bipolar Disorder and Healthy Controls. Frontiers in Psychiatry, 2021, 12, 559954.	1.3	3
18	6th International Workshop on Mental Health and Well-being: Sensing and Intervention. , 2021, , .		1

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19	Benefits of Using Activity Recommender Technology for Self-management of Depressive Symptoms. ACM Transactions on Computing for Healthcare, 2021, 2, 1-21.	3.3	0
20	Voice analyses using smartphone-based data in patients with bipolar disorder, unaffected relatives and healthy control individuals, and during different affective states. International Journal of Bipolar Disorders, 2021, 9, 38.	0.8	7
21	The effect of smartphone-based monitoring on illness activity in bipolar disorder: the MONARCA II randomized controlled single-blinded trial. Psychological Medicine, 2020, 50, 838-848.	2.7	75
22	Evaluating Personalized Pervasive Health Technologyâ€"But How?. IEEE Pervasive Computing, 2020, 19, 37-44.	1.1	2
23	Daily self-reported and automatically generated smartphone-based sleep measurements in patients with newly diagnosed bipolar disorder, unaffected first-degree relatives and healthy control individuals. Evidence-Based Mental Health, 2020, 23, 146-153.	2.2	6
24	Validity and characteristics of patient-evaluated adherence to medication via smartphones in patients with bipolar disorder: exploratory reanalyses on pooled data from the MONARCA I and II trials. Evidence-Based Mental Health, 2020, 23, 2-7.	2.2	4
25	Daily estimates of clinical severity of symptoms in bipolar disorder from smartphone-based self-assessments. Translational Psychiatry, 2020, 10, 194.	2.4	11
26	A Decade of Ubiquitous Computing Research in Mental Health. IEEE Pervasive Computing, 2020, 19, 62-72.	1.1	50
27	Hypomania/Mania by DSM-5 definition based on daily smartphone-based patient-reported assessments. Journal of Affective Disorders, 2020, 264, 272-278.	2.0	6
28	Recommending Activities for Mental Health and Well-being: Insights from Two User Studies. IEEE Transactions on Emerging Topics in Computing, 2020, , 1-1.	3.2	8
29	Mood instability in patients with newly diagnosed bipolar disorder, unaffected relatives, and healthy control individuals measured daily using smartphones. Journal of Affective Disorders, 2020, 271, 336-344.	2.0	23
30	MUBS: A Personalized Recommender System for Behavioral Activation in Mental Health. , 2020, , .		23
31	5 th international workshop on mental health and well-being. , 2020, , .		1
32	Smartphone-based activity measurements in patients with newly diagnosed bipolar disorder, unaffected relatives and control individuals. International Journal of Bipolar Disorders, 2020, 8, 32.	0.8	17
33	Forecasting Mood in Bipolar Disorder From Smartphone Self-assessments: Hierarchical Bayesian Approach. JMIR MHealth and UHealth, 2020, 8, e15028.	1.8	28
34	Smartphone-Based Self-Monitoring, Treatment, and Automatically Generated Data in Children, Adolescents, and Young Adults With Psychiatric Disorders: Systematic Review. JMIR Mental Health, 2020, 7, e17453.	1.7	26
35	The Ubiquitous Cognitive Assessment Tool for Smartwatches: Design, Implementation, and Evaluation Study. JMIR MHealth and UHealth, 2020, 8, e17506.	1.8	7
36	Wearable Computing Technology for Assessment of Cognitive Functioning of Bipolar Patients and Healthy Controls. , 2020, 4, 1-22.		6

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37	Patient-evaluated cognitive function measured with smartphones and the association with objective cognitive function, perceived stress, quality of life and function capacity in patients with bipolar disorder. International Journal of Bipolar Disorders, 2020, 8, 31.	0.8	5
38	Analysis of Perceived Human Factors and Participantsâ€™ Demographics during a Cognitive Assessment Study with a Smartwatch. , 2020, , .		1
39	The validity of daily patient-reported anxiety measured using smartphones and the association with stress, quality of life and functioning in patients with bipolar disorder. Journal of Affective Disorders, 2019, 257, 100-107.	2.0	9
40	Design and formative evaluation of cognitive assessment apps for wearable technologies. , 2019, , .		6
41	"Hear me out". , 2019, , .		5
42	UbiCAT. , 2019, , .		0
43	Differences in mood instability in patients with bipolar disorder type I and II: a smartphone-based study. International Journal of Bipolar Disorders, 2019, 7, 5.	0.8	29
44	Sharing Access to Behavioural and Personal Health Data. , 2019, , .		4
45	Personalizing Mental Health. , 2019, , .		27
46	Is smartphoneâ€based mood instability associated with stress, quality of life, and functioning in bipolar disorder?. Bipolar Disorders, 2019, 21, 611-620.	1.1	32
47	Objective smartphone data as a potential diagnostic marker of bipolar disorder. Australian and New Zealand Journal of Psychiatry, 2019, 53, 119-128.	1.3	66
48	The Validity of Daily Self-Assessed Perceived Stress Measured Using Smartphones in Healthy Individuals: Cohort Study. JMIR MHealth and UHealth, 2019, 7, e13418.	1.8	11
49	The Internet-Based Cognitive Assessment Tool: System Design and Feasibility Study. JMIR Formative Research, 2019, 3, e13898.	0.7	17
50	Methodological Challenges in Randomized Controlled Trials on Smartphone-Based Treatment in Psychiatry: Systematic Review. Journal of Medical Internet Research, 2019, 21, e15362.	2.1	33
51	Activity-centric computing systems. Communications of the ACM, 2019, 62, 72-81.	3.3	4
52	4 th international workshop on mental health and well-being. , 2019, , .		0
53	The CAMS eSense Framework. , 2019, , .		10
54	Design and Implementation of a Web-based Application to Assess Cognitive Impairment in Affective Disorder. , 2018, , .		4

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55	Collaborative Affordances of Medical Records. Computer Supported Cooperative Work, 2018, 27, 1-36.	1.9	39
56	3rd International Workshop on Mental Health and Well-being. , 2018, , .		0
57	Leveraging Multi-modal User-labeled Data for Improved Accuracy in Interpretation of ECG Recordings. , 2018, , .		1
58	Personalized versus Generic Mood Prediction Models in Bipolar Disorder. , 2018, , .		11
59	Double-Loop Health Technology. , 2018, , 167-186.		4
60	Data-Driven Learning in High-Resolution Activity Sampling From Patients With Bipolar Depression: Mixed-Methods Study. JMIR Mental Health, 2018, 5, e10122.	1.7	5
61	Correlations Between Objective Behavioral Features Collected From Mobile and Wearable Devices and Depressive Mood Symptoms in Patients With Affective Disorders: Systematic Review. JMIR MHealth and UHealth, 2018, 6, e165.	1.8	138
62	Supporting smartphone-based behavioral activation. , 2017, , .		6
63	2 nd international workshop on mental health and well-being. , 2017, , .		0
64	HCI and Health. , 2017, , .		9
65	Reducing the rate and duration of Re-ADMISsions among patients with unipolar disorder and bipolar disorder using smartphone-based monitoring and treatment â€“ the RADMIS trials: study protocol for two randomized controlled trials. Trials, 2017, 18, 277.	0.7	23
66	Designing for hourly activity sampling in behavioral activation. , 2017, , .		3
67	Ubiquitous Computing Systems. , 2017, , 771-795.		0
68	Designing context-aware cognitive behavioral therapy for unipolar and bipolar disorders. , 2016, , .		5
69	The Personal Health Technology Design Space. IEEE Pervasive Computing, 2016, 15, 70-78.	1.1	18
70	Dedicated workspaces: Faster resumption times and reduced cognitive load in sequential multitasking. Computers in Human Behavior, 2016, 62, 404-414.	5.1	10
71	Behavioral activities collected through smartphones and the association with illness activity in bipolar disorder. International Journal of Methods in Psychiatric Research, 2016, 25, 309-323.	1.1	113
72	Electronic self-monitoring of mood using IT platforms in adult patients with bipolar disorder: A systematic review of the validity and evidence. BMC Psychiatry, 2016, 16, 7.	1.1	80

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73	Activity-Based Collaboration for Interactive Spaces. , 2016, , 233-257.		2
74	Smartphone data as an electronic biomarker of illness activity in bipolar disorder. Bipolar Disorders, 2015, 17, 715-728.	1.1	131
75	Activity-Based Computing: Computational Management of Activities Reflecting Human Intention. AI Magazine, 2015, 36, 63-72.	1.4	8
76	Approximator: Predicting Interruptibility in Software Development with Commodity Computers. , 2015, , .		0
77	Impact factor analysis: combining prediction with parameter ranking to reveal the impact of behavior on health outcome. Personal and Ubiquitous Computing, 2015, 19, 355-365.	1.9	32
78	Collaborative Affordances of Hybrid Patient Record Technologies in Medical Work. , 2015, , .		11
79	HyPR Device. , 2014, , .		8
80	ActivitySpace. , 2014, , .		35
81	Smartphone data as objective measures of bipolar disorder symptoms. Psychiatry Research, 2014, 217, 124-127.	1.7	162
82	The invisible work of health providers. Interactions, 2014, 21, 74-77.	0.8	7
83	Activity-centric support for ad hoc knowledge work. , 2013, , .		13
84	Designing mobile health technology for bipolar disorder. , 2013, , .		206
85	Supporting disease insight through data analysis. , 2013, , .		72
86	NooSphere. , 2013, , .		13
87	The MONARCA self-assessment system. , 2012, , .		80
88	The eLabBench. , 2011, , .		23
89	Context-Based Workplace Awareness. Computer Supported Cooperative Work, 2010, 19, 105-138.	1.9	58
90	Why the plan doesn't hold. , 2010, , .		41

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91	Activity-based computing for medical work in hospitals. ACM Transactions on Computer-Human Interaction, 2009, 16, 1-36.	4.6	72
92	CLINICAL SURFACES â€“ Activity-Based Computing for Distributed Multi-Display Environments in Hospitals. Lecture Notes in Computer Science, 2009, , 704-717.	1.0	12
93	Resource Discovery in Activity-Based Sensor Networks. Mobile Networks and Applications, 2007, 12, 129-142.	2.2	11
94	BLIG: A New Approach for Sensor Identification, Grouping, and Authorisation in Body Sensor Networks. , 2007, , 223-229.		12
95	Resource Discovery in Activity-Based Sensor Networks. , 2006, , .		1
96	Activity-based computing: support for mobility and collaboration in ubiquitous computing. Personal and Ubiquitous Computing, 2005, 9, 312-322.	1.9	95
97	The trouble with login: on usability and computer security in ubiquitous computing. Personal and Ubiquitous Computing, 2005, 9, 357-367.	1.9	63
98	Mobility Work: The Spatial Dimension of Collaboration at a Hospital. Computer Supported Cooperative Work, 2005, 14, 131-160.	1.9	221
99	Designing for transformations in collaboration. , 2005, , .		35
100	A web of coordinative artifacts. , 2005, , .		100
101	The Java Context Awareness Framework (JCAF) â€“ A Service Infrastructure and Programming Framework for Context-Aware Applications. Lecture Notes in Computer Science, 2005, , 98-115.	1.0	196
102	The AWARE architecture. , 2004, , .		107
103	Guest Editorial Introduction to the Special Section on Pervasive Healthcare. IEEE Transactions on Information Technology in Biomedicine, 2004, 8, 229-234.	3.6	70
104	Applications of context-aware computing in hospital work. , 2004, , .		204
105	Supporting Human Activities â€” Exploring Activity-Centered Computing. Lecture Notes in Computer Science, 2002, , 107-116.	1.0	30
106	Temporal Coordination â€“On Time and Coordination of CollaborativeActivities at a Surgical Department. Computer Supported Cooperative Work, 2000, 9, 157-187.	1.9	154