

Predrag Klasnja

List of Publications by Year in descending order

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47
papers

2,130
citations

567281

15
h-index

302126

39
g-index

54
all docs

54
docs citations

54
times ranked

2587
citing authors

#	ARTICLE	IF	CITATIONS
1	Microrandomized trials: An experimental design for developing just-in-time adaptive interventions.. Health Psychology, 2015, 34, 1220-1228.	1.6	449
2	From Classification to Causality: Advancing Understanding of Mechanisms of Change in Implementation Science. Frontiers in Public Health, 2018, 6, 136.	2.7	312
3	Agile science: creating useful products for behavior change in the real world. Translational Behavioral Medicine, 2016, 6, 317-328.	2.4	171
4	Efficacy of Contextually Tailored Suggestions for Physical Activity: A Micro-randomized Optimization Trial of HeartSteps. Annals of Behavioral Medicine, 2019, 53, 573-582.	2.9	137
5	Why we need a small data paradigm. BMC Medicine, 2019, 17, 133.	5.5	112
6	Tutorial for Using Control Systems Engineering to Optimize Adaptive Mobile Health Interventions. Journal of Medical Internet Research, 2018, 20, e214.	4.3	109
7	Sample size calculations for micro-randomized trials in mHealth. Statistics in Medicine, 2016, 35, 1944-1971.	1.6	89
8	Optimizing Digital Integrated Care via Micro-Randomized Trials. Clinical Pharmacology and Therapeutics, 2018, 104, 53-58.	4.7	50
9	Personalized HeartSteps. , 2020, 4, 1-22.		50
10	Toward Increasing Engagement in Substance Use Data Collection: Development of the Substance Abuse Research Assistant App and Protocol for a Microrandomized Trial Using Adolescents and Emerging Adults. JMIR Research Protocols, 2018, 7, e166.	1.0	42
11	Realizing Effective Behavioral Management of Health: The Metamorphosis of Behavioral Science Methods. IEEE Pulse, 2013, 4, 29-34.	0.3	37
12	Modeling individual differences: A case study of the application of system identification for personalizing a physical activity intervention. Journal of Biomedical Informatics, 2018, 79, 82-97.	4.3	37
13	SARA. , 2017, 2017, 781-789.		33
14	Just-in-Time but Not Too Much. , 2018, 2, 1-21.		33
15	ReVibe. , 2019, 3, 1-27.		33
16	The microrandomized trial for developing digital interventions: Experimental design and data analysis considerations.. Psychological Methods, 2022, 27, 874-894.	3.5	31
17	Toward Usable Evidence. , 2017, 2017, 3071-3082.		30
18	Estimating time-varying causal excursion effects in mobile health with binary outcomes. Biometrika, 2021, 108, 507-527.	2.4	29

#	ARTICLE	IF	CITATIONS
19	Translating strategies for promoting engagement in mobile health: A proof-of-concept microrandomized trial.. Health Psychology, 2021, 40, 974-987.	1.6	26
20	Developing an Adaptive Mobile Intervention to Address Risky Substance Use Among Adolescents and Emerging Adults: Usability Study. JMIR MHealth and UHealth, 2021, 9, e24424.	3.7	25
21	Design Considerations for mHealth Programs Targeting Smokers Not Yet Ready to Quit: Results of a Sequential Mixed-Methods Study. JMIR MHealth and UHealth, 2017, 5, e31.	3.7	23
22	A quality-improvement optimization pilot of BariFit, a mobile health intervention to promote physical activity after bariatric surgery. Translational Behavioral Medicine, 2021, 11, 530-539.	2.4	19
23	An exploration of attitudes toward the use of patient incentives to support diabetes self-management. Psychology and Health, 2014, 29, 552-563.	2.2	17
24	Standardized Effect Sizes for Preventive Mobile Health Interventions in Micro-randomized Trials. Prevention Science, 2019, 20, 100-109.	2.6	17
25	Microrandomized Trial Design for Evaluating Just-in-Time Adaptive Interventions Through Mobile Health Technologies for Cardiovascular Disease. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e006760.	2.2	17
26	Practical Considerations for Data Collection and Management in Mobile Health Micro-randomized Trials. Statistics in Biosciences, 2019, 11, 355-370.	1.2	16
27	Off-Policy Estimation of Long-Term Average Outcomes With Applications to Mobile Health. Journal of the American Statistical Association, 2021, 116, 382-391.	3.1	16
28	Characterizing and predicting person-specific, day-to-day, fluctuations in walking behavior. PLoS ONE, 2021, 16, e0251659.	2.5	16
29	Good or bad, ups and downs, and getting better: Use of personal health data for temporal reflection in chronic illness. International Journal of Medical Informatics, 2016, 94, 237-245.	3.3	15
30	Goal setting and achievement for walking: A series of N-of-1 digital interventions.. Health Psychology, 2021, 40, 30-39.	1.6	13
31	Optimizing mHealth Interventions with a Bandit. Studies in Neuroscience, Psychology and Behavioral Economics, 2019, , 277-291.	0.3	13
32	Rethinking Evaluations of MHealth Systems for Behavior Change. GetMobile (New York, N Y), 2018, 22, 11-14.	1.0	10
33	Toward a Just-in-Time Adaptive Intervention to Reduce Emerging Adult Alcohol Use: Testing Approaches for Identifying When to Intervene. Substance Use and Misuse, 2021, 56, 2115-2125.	1.4	10
34	A Smartphone App to Monitor Mood Symptoms in Bipolar Disorder: Development and Usability Study. JMIR Mental Health, 2020, 7, e19476.	3.3	10
35	Optimizing a Just-in-Time Adaptive Intervention to Improve Dietary Adherence in Behavioral Obesity Treatment: Protocol for a Microrandomized Trial. JMIR Research Protocols, 2021, 10, e33568.	1.0	10
36	Linear Mixed Models with Endogenous Covariates: Modeling Sequential Treatment Effects with Application to a Mobile Health Study. Statistical Science, 2020, 35, 375-390.	2.8	9

#	ARTICLE	IF	CITATIONS
37	Advancing Behavioral Intervention and Theory Development for Mobile Health: The HeartSteps II Protocol. International Journal of Environmental Research and Public Health, 2022, 19, 2267.	2.6	9
38	Virtual AppLication-supported Environment To INcrease Exercise (VALENTINE) during cardiac rehabilitation study: Rationale and design. American Heart Journal, 2022, 248, 53-62.	2.7	9
39	Design Lessons from a Micro-Randomized Pilot Study in Mobile Health. , 2017, , 59-82.		8
40	Wearable Technology and Long-term Weight Loss. JAMA - Journal of the American Medical Association, 2017, 317, 317.	7.4	7
41	An In Situ, Child-Led Intervention to Promote Emotion Regulation Competence in Middle Childhood: Protocol for an Exploratory Randomized Controlled Trial. JMIR Research Protocols, 2021, 10, e28914.	1.0	7
42	Action Centered Contextual Bandits. Advances in Neural Information Processing Systems, 2017, 30, 5973-5981.	2.8	6
43	mHealth and Applications. , 2021, , 637-666.		5
44	Rejoinder: â€˜Estimating time-varying causal excursion effects in mobile health with binary outcomesâ€™. Biometrika, 2021, 108, 551-555.	2.4	5
45	IntelligentPooling: practical Thompson sampling for mHealth. Machine Learning, 2021, 110, 2685-2727.	5.4	4
46	Development of a Mobile Health Intervention with Personal Experiments for Smokers Who Are Ambivalent About Quitting: Formative Design and Testing. JMIR Formative Research, 2020, 4, e21784.	1.4	4
47	Grand Challenges for Personal Informatics and AI. , 2022, , .		0