Peter Pirolli

List of Publications by Year
in descending order

19 papers	282 citations	1478505 6 h-index	1281871 11 g-index
22 all docs	22 docs citations	22 times ranked	391 citing authors

#	ARTICLE	IF	CITATIONS
1	Finding the Adaptive Sweet Spot. , 2015, , .		51
2	A Group-Based Mobile Application to Increase Adherence in Exercise and Nutrition Programs: A Factorial Design Feasibility Study. JMIR MHealth and UHealth, 2016, 4, e4.	3.7	49
3	A Functional Model of Sensemaking in a Neurocognitive Architecture. Computational Intelligence and Neuroscience, 2013, 2013, 1-29.	1.7	37
4	Implementation Intention and Reminder Effects on Behavior Change in a Mobile Health System: A Predictive Cognitive Model. Journal of Medical Internet Research, 2017, 19, e397.	4.3	36
5	A computational cognitive model of self-efficacy and daily adherence in mHealth. Translational Behavioral Medicine, 2016, 6, 496-508.	2.4	21
6	Acceptability of a team-based mobile health (mHealth) application for lifestyle self-management in individuals with chronic illnesses. , 2016, 2016, 3277-3281.		19
7	Efficacy of a Smartphone System to Support Groups in Behavior Change Programs. , 2014, , .		14
8	Leveraging Self-Affirmation to Improve Behavior Change: A Mobile Health App Experiment. JMIR MHealth and UHealth, 2018, 6, e157.	3.7	14
9	Scaffolding the Mastery of Healthy Behaviors with Fittle+ Systems: Evidence-Based Interventions and Theory. Human-Computer Interaction, 2021, 36, 73-106.	4.4	10
10	Physical Exercise Recommendation and Success Prediction Using Interconnected Recurrent Neural Networks. , 2021, , .		7
11	ACT-R models of information foraging in geospatial intelligence tasks. Computational and Mathematical Organization Theory, 2015, 21, 274-295.	2.0	5
12	Explaining autonomous drones: An <scp>XAI</scp> journey. Applied AI Letters, 2021, 2, e54.	2.2	5
13	From good intentions to healthy habits: Towards integrated computational models of goal striving and habit formation. , 2016, 2016, 181-185.		4
14	Mining Online Social Media to Drive Psychologically Valid Agent Models of Regional Covid-19 Mask Wearing. Lecture Notes in Computer Science, 2021, , 46-56.	1.3	2
15	Toward a Psychology of Deep Reinforcement Learning Agents Using a Cognitive Architecture. Topics in Cognitive Science, 2022, 14, 756-779.	1.9	2
16	Counterfactual reasoning as a key for explaining adaptive behavior in a changing environment. Biologically Inspired Cognitive Architectures, 2014, 10, 24-29.	0.9	1
17	Seeking answers, making sense, changing lifestyles. , 2014, , .		1
18	Reinforcement learning and instance-based learning approaches to modeling human decision making in a prognostic foraging task. , 2015, , .		1

#	Article	IF	Citations
19	Challenges for a Computational Cognitive Psychology for the New Digital Ecosystem. Human-computer Interaction Series, 2020, , 13-27.	0.6	1