

# Peter Pirolli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6711051/publications.pdf>

Version: 2024-02-01

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  | Toward a Psychology of Deep Reinforcement Learning Agents Using a Cognitive Architecture. <i>Topics in Cognitive Science</i> , 2022, 14, 756-779.                                       | 1.9 | 2         |
| 2  | Scaffolding the Mastery of Healthy Behaviors with Fittle+ Systems: Evidence-Based Interventions and Theory. <i>Human-Computer Interaction</i> , 2021, 36, 73-106.                       | 4.4 | 10        |
| 3  | Mining Online Social Media to Drive Psychologically Valid Agent Models of Regional Covid-19 Mask Wearing. <i>Lecture Notes in Computer Science</i> , 2021, , 46-56.                     | 1.3 | 2         |
| 4  | Physical Exercise Recommendation and Success Prediction Using Interconnected Recurrent Neural Networks. , 2021, , .   |     | 7         |
| 5  | Explaining autonomous drones: An <scp>XAI</scp> journey. <i>Applied AI Letters</i> , 2021, 2, e54.  | 2.2 | 5         |
| 6  | Challenges for a Computational Cognitive Psychology for the New Digital Ecosystem. <i>Human-computer Interaction Series</i> , 2020, , 13-27.  | 0.6 | 1         |
| 7  | Leveraging Self-Affirmation to Improve Behavior Change: A Mobile Health App Experiment. <i>JMIR MHealth and UHealth</i> , 2018, 6, e157.  | 3.7 | 14        |
| 8  | Implementation Intention and Reminder Effects on Behavior Change in a Mobile Health System: A Predictive Cognitive Model. <i>Journal of Medical Internet Research</i> , 2017, 19, e397. | 4.3 | 36        |
| 9  | Acceptability of a team-based mobile health (mHealth) application for lifestyle self-management in individuals with chronic illnesses. , 2016, 2016, 3277-3281.                         |     | 19        |
| 10 | From good intentions to healthy habits: Towards integrated computational models of goal striving and habit formation. , 2016, 2016, 181-185.  |     | 4         |
| 11 | A computational cognitive model of self-efficacy and daily adherence in mHealth. <i>Translational Behavioral Medicine</i> , 2016, 6, 496-508.   | 2.4 | 21        |
| 12 | A Group-Based Mobile Application to Increase Adherence in Exercise and Nutrition Programs: A Factorial Design Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2016, 4, e4.         | 3.7 | 49        |
| 13 | Reinforcement learning and instance-based learning approaches to modeling human decision making in a prognostic foraging task. , 2015, , .  |     | 1         |
| 14 | ACT-R models of information foraging in geospatial intelligence tasks. <i>Computational and Mathematical Organization Theory</i> , 2015, 21, 274-295.                                   | 2.0 | 5         |
| 15 | Finding the Adaptive Sweet Spot. , 2015, , .  |     | 51        |
| 16 | Counterfactual reasoning as a key for explaining adaptive behavior in a changing environment. <i>Biologically Inspired Cognitive Architectures</i> , 2014, 10, 24-29.                   | 0.9 | 1         |
| 17 | Seeking answers, making sense, changing lifestyles. , 2014, , .   |     | 1         |
| 18 | Efficacy of a Smartphone System to Support Groups in Behavior Change Programs. , 2014, , .  |     | 14        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | A Functional Model of Sensemaking in a Neurocognitive Architecture. Computational Intelligence and Neuroscience, 2013, 2013, 1-29. | 1.7 | 37        |