

# Mark T Keane

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1259646/publications.pdf>

Version: 2024-02-01

25  
papers

1,100  
citations

687363

13  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

755  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Factors affecting "expectations of the unexpected": The impact of controllability & valence on unexpected outcomes. <i>Cognition</i> , 2022, 225, 105142.  | 2.2  | 2         |
| 2  | Solving the class imbalance problem using a counterfactual method for data augmentation. <i>Machine Learning With Applications</i> , 2022, 9, 100375.  | 4.4  | 11        |
| 3  | Do we "fear for the worst" or "hope for the best" in thinking about the unexpected?: Factors affecting the valence of unexpected outcomes reported for everyday scenarios. <i>Cognition</i> , 2021, 208, 104520.                                 | 2.2  | 5         |
| 4  | Three datasets reporting unexpected events for everyday scenarios: Over 9000 events human-labelled for overall valence/sentiment, topic category, and relationship to the initial goal of the scenario. <i>Data in Brief</i> , 2021, 35, 106935. | 1.0  | 0         |
| 5  | Explaining black-box classifiers using post-hoc explanations-by-example: The effect of explanations and error-rates in XAI user studies. <i>Artificial Intelligence</i> , 2021, 294, 103459.   | 5.8  | 93        |
| 6  | If Only We Had Better Counterfactual Explanations: Five Key Deficits to Rectify in the Evaluation of Counterfactual XAI Techniques. , 2021, , .  |      | 51        |
| 7  | Explaining Deep Learning using examples: Optimal feature weighting methods for twin systems using post-hoc, explanation-by-example in XAI. <i>Knowledge-Based Systems</i> , 2021, 233, 107530.   | 7.1  | 19        |
| 8  | Seeing Patterns in Randomness: A Computational Model of Surprise. <i>Topics in Cognitive Science</i> , 2019, 11, 103-118.  | 1.9  | 12        |
| 9  | Editors'™ Introduction and Review: An Appraisal of Surprise: Tracing the Threads That Stitch It Together. <i>Topics in Cognitive Science</i> , 2019, 11, 37-49.  | 1.9  | 12        |
| 10 | The Role of Surprise in Learning: Different Surprising Outcomes Affect Memorability Differentially. <i>Topics in Cognitive Science</i> , 2019, 11, 75-87.  | 1.9  | 23        |
| 11 | Intuitionistic Fuzzy Logit Model of Discrete Choice. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2019, 3, 85-89.   | 4.9  | 2         |
| 12 | Twin-Systems to Explain Artificial Neural Networks using Case-Based Reasoning: Comparative Tests of Feature-Weighting Methods in ANN-CBR Twins for XAI. , 2019, , .  |      | 37        |
| 13 | Why the Conjunction Effect Is Rarely a Fallacy: How Learning Influences Uncertainty and the Conjunction Rule. <i>Frontiers in Psychology</i> , 2018, 9, 1011.  | 2.1  | 0         |
| 14 | Attention to news and its dissemination on Twitter: A survey. <i>Computer Science Review</i> , 2018, 29, 74-94.  | 15.3 | 47        |
| 15 | Why some surprises are more surprising than others: Surprise as a metacognitive sense of explanatory difficulty. <i>Cognitive Psychology</i> , 2015, 81, 74-116.   | 2.2  | 62        |
| 16 | It's distributions all the way down!: Second order changes in statistical distributions also occur. <i>Behavioral and Brain Sciences</i> , 2014, 37, 87-87.  | 0.7  | 0         |
| 17 | Innovation networks. <i>Mind and Society</i> , 2013, 12, 73-90.  | 1.3  | 29        |
| 18 | A Model of Plausibility. <i>Cognitive Science</i> , 2006, 30, 95-120.  | 1.7  | 66        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Seeing things: Inventive reasoning with geometric analogies and topographic maps. <i>New Generation Computing</i> , 2006, 24, 267-288.  | 3.3 | 6         |
| 20 | Mobile web surfing is the same as web surfing. <i>Communications of the ACM</i> , 2006, 49, 76-81.  | 4.5 | 264       |
| 21 | What plausibly affects plausibility? Concept coherence and distributional word coherence as factors influencing plausibility judgments. <i>Memory and Cognition</i> , 2004, 32, 185-197.  | 1.6 | 29        |
| 22 | Testing two theories of conceptual combination: Alignment versus diagnosticity in the comprehension and production of combined concepts.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2001, 27, 255-271. | 0.9 | 53        |
| 23 | Efficient Creativity: Constraint-Guided Conceptual Combination. <i>Cognitive Science</i> , 2000, 24, 299-349.   | 1.7 | 118       |
| 24 | What makes an analogy difficult? The effects of order and causal structure on analogical mapping.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1997, 23, 946-967.  | 0.9 | 26        |
| 25 | Constraints on Analogical Mapping: A Comparison of Three Models. <i>Cognitive Science</i> , 1994, 18, 387-438.  | 1.7 | 133       |